

ANNUAL REPORT

2019-2020



त्रिपुरा विश्वविद्यालय
TRIPURA UNIVERSITY
(केन्द्रीय विश्वविद्यालय) (A central University)

ANNUAL REPORT

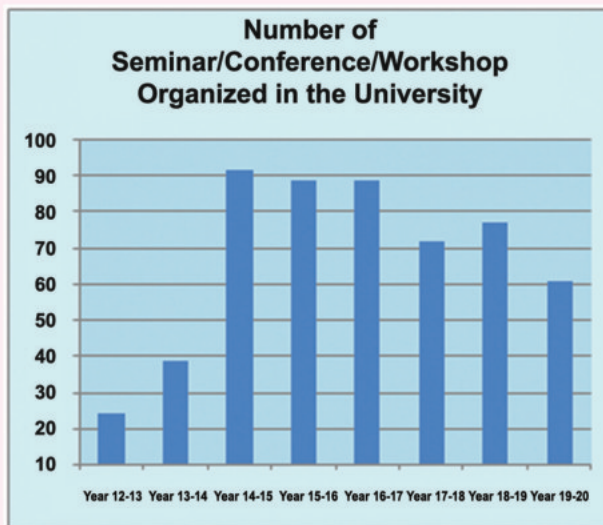
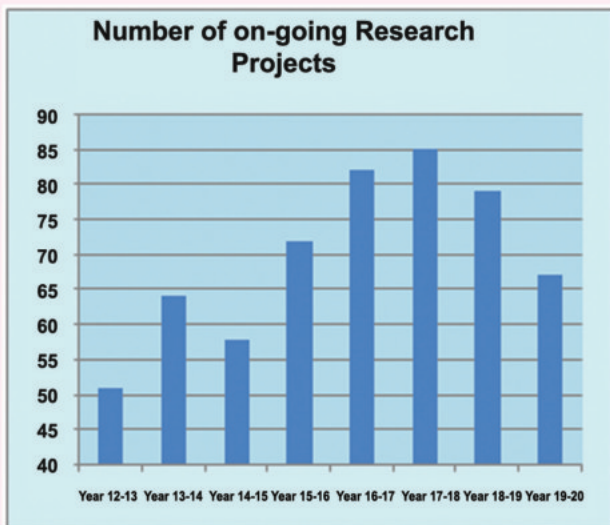
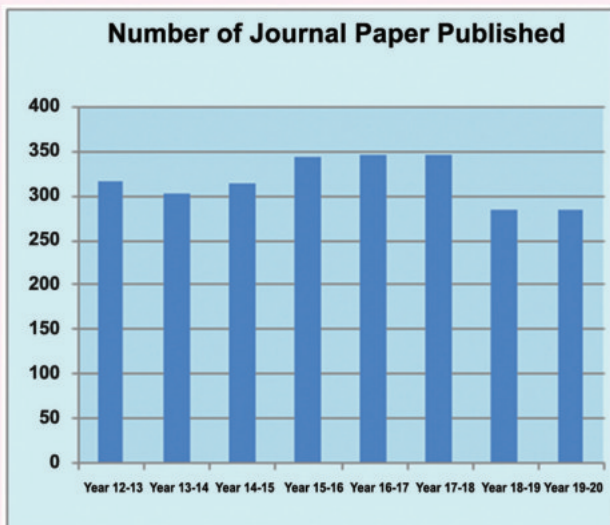
2019-20



TRIPURA UNIVERSITY

(A Central University)
Suryamaninagar-799022,
Tripura, India

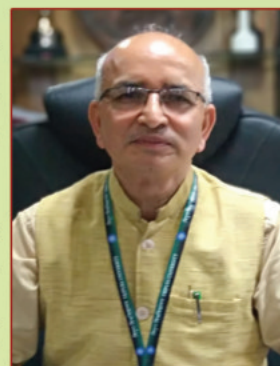
Research Activities



From the Desk of the Vice-Chancellor

It is a great pleasure to present the Annual Report of the University and its growth and development during the year 2019-20. This report is a testimony to the sustained pace of growth and development of the University during the said year.

The total student strength in various disciplines this year stood at 4657. A total number of 2051 students were enrolled during this year for different courses in the University, out of which 50.9% were women students, while 16.1% students were from SC category, 38% from ST category and an additional 12% from OBC category. In the session 2019-20, a total of 38 scholars received their Ph.D degree. Additionally, 3536 students were also enrolled in various courses under the Directorate of Distance Education.



Tripura University, notwithstanding its marginal location, has a vibrant faculty, numbering 160, from different parts of the country. Our faculty members have published 9 books and 285 research publications in this year. There are 67 ongoing research projects with a total outlay of over Rs. 20.19 crores from various national and international agencies currently in this University. In the year 2019-20, the faculty members earned a total of 23 individual research projects and the grant received for the year was to the tune of 4.1 crores. This year four new Departments were also introduced and a new seven storied Girls' hostel was commissioned.

Several members of the Faculty visited reputed institutions in India and abroad to attend several Seminars and Conferences and were also nominated for memberships of editorial boards of several reputed journals. This year, Tripura University also witnessed numerous international and national workshops, conferences and seminars, where speakers from neighboring countries and other parts of the world presented their findings.

The University Grants Commission (UGC), Ministry of Education (formerly MHRD), Department of Science and Technology (DST) and the Department of Biotechnology (DBT) and other funding agencies have extended their generous support to the University throughout the year, and I express my gratitude to them for their cooperation.

As part of its corporate social responsibility, Tripura University had adopted eight villages and continues to collectively work towards the socio-economic development of those villages in these difficult times of COVID-19. The University envisages a world, where pursuit of excellence is rooted in the overall development of the society, where teaching, research and scholarship endeavor to add meaningful changes to a society, wherefrom we come and to where we eventually return.

I take this opportunity to thank all sections of the University fraternity- faculty, students, officers, non-teaching staff, for their valuable contribution towards the objectives of making this University an institution of academic excellence.

- Prof. Ganga Prasad Prasain



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About Tripura University

Tripura University took off as a State University on 2nd October 1987 and was converted into a Central University on 2nd July 2007 under an Act of Parliament to establish a teaching and affiliating university in the state of Tripura and to provide for matters connected therewith or incidental thereto. The kings of Tripura, since 1947 onwards, guided by a zeal for education and inspired by a vision to excel, established many colleges in this green hilly state affiliating them to Calcutta University. But the geographic distance from the University of Calcutta being a formidable deterrent, it was virtually impossible on the part of a large number of poor students of Tripura to continue further studies after graduation since postgraduate education within Tripura was not yet initiated. The political history of Tripura since 1960s, replete with student movements, had consistently harped on the demand for expansion of opportunities for higher education and setting up of Tripura's own university. As a consequence, the Calcutta University authority agreed to offer post-graduate classes in History, Mathematics, and Economics at the MBB College campus and the University Grants Commission (UGC) formally recognized the Calcutta University Post Graduate Centre (CUPGC) in 1976. But the dream for a full-fledged University within the state was yet to be fulfilled and student movements gradually gathered momentum for a separate university for the higher education of its students. For a decade, the CUPGC with all its limitations functioned as the highest centre of learning in the state, operating from various scattered old government buildings at College Tilla, Agartala. In spite of severe financial constraints, land for a new campus was selected by the state government for the CUPGC in a green 75-acre, semi-urban setting on the National Highway at Suryamaninagar, about 9 kms south of the capital city Agartala. With the aim of setting up a full-fledged University at that location in near future, the foundation-stone was laid at Suryamaninagar campus on 18th December, 1985 by Dasaratha Deb, the legendary leader of the historic Janasiksha (People's Education) movement and the-then Deputy Chief Minister and Education Minister of Tripura. Taking into consideration the long-cherished demands of the student-community and the growing aspirations of the people at large and also acknowledging the present and future needs of education in the state, the State Government took the initiative to pass the Tripura University Act in the Assembly in 1987 and finally the first University in the state came into being. This was indeed a dream come true. After its up-gradation to a Central University, the overall development of Tripura University has been conspicuous by all round efforts undertaken to strengthen the infrastructural facilities and academic acumen.

Tripura University is accredited by NAAC in Grade B with CGPA of 2.63 on four-point scale. The University has also obtained recognition from AICTE, NCTE and similar other apex bodies for offering academic courses.

At present the number of colleges affiliated to the university is 50, consisting 25 general degree colleges, and 25 professional colleges.

During this academic year the University offered (students enrolled) 54 different courses under its Science, Arts and Commerce Faculty, out of which 44 courses of Post Graduate Level (Archaeology & Ancient Indian Culture, Bengali, Business Management, Commerce, Economics, Education, English, Fine Arts, Hindi, History, Journalism & Mass Communication, Kokborok, Law, Liberal Arts, Linguistics & Tribal Languages, Music, Performing Arts, Philosophy, Physical Education, Political Science, Psychology, Rural Studies, Sanskrit, Sociology, Tourism Administration, Botany, Chemical & Polymer Engineering, Chemistry, Computer Science and Engineering, Electrical Engineering,

Electronics & Communication Engineering, Forestry & Biodiversity, Geography & Disaster Management, Human Physiology, Information Technology, Library & Information Science, Material Science & Engineering, Mathematics, Microbiology, Molecular Biology and Bioinformatics, Pharmacy, Physics, Statistics and Zoology), 5 courses of Degree Level (B. Voc. in Film & Video Production, B.Voc in Rubber Technology, 2 years BEd, 4 years BEd and BBA), 4 Diploma Courses (Post Graduate Diploma in Tribal & Ethnic Study, PG Diploma in Kokborok B.Lib.I.Sc. and PGDT-Hindi) and a five years Integrated Master's Degree were offered . In addition to these, 42 PhD programs in all the Post Graduate subjects and diploma courses in the 2 centres i.e. CSSEIP and Women's Studies were also offered.

Location, Climate and Connectivity

Located in the green picturesque state of Tripura, whose undulating topography comprises of low lying hills shrouded with dense vegetation cover and interspersed with meandering rivers, rivulets and streams, the sprawling green campus of the university is an eye-catcher. Situated in West Tripura District about 9 km away from the City of Agartala and 24 km from Agartala Airport (Singerbill Airport), Tripura University is easily accessible by road.

The state is well connected with Guwahati, Silchar and Shillong by road. A daily bus service from Kolkata to Agartala through Bangladesh has also taken off, for which a transit visa is needed. Agartala is also directly connected to Guwahati, Kolkata and other North-eastern cities and with other metros via Guwahati or Kolkata by air route. The earlier meter gauge railway line connecting Agartala to Lumding and Guwahati has been upgraded to broad gauge. Of late Rajdhani Express has also been introduced connecting Tripura to New Delhi and the rest of India. The average temperature of Agartala in summer is about 30⁰C and in winter, about 15⁰C.

Facilities and Services

University Library :

The Calcutta University Post Graduate Center (CUPGC), Agartala, Tripura was converted into the Tripura University (State) on 2nd October, 1987 and was awarded the status of Central University on 2nd July, 2007. The central library committed to facilitating quality services, resources and facilities to its users to fulfil the goals of the University. The Central Library situated at the center of the university with easy access to users. The library is constructed in three floors with the total space size 5415 sq.mts. At present, it is utilizing 2715 sq.mts for its regular operations. Total seating capacity of the Library is 250. The library is offers wireless internet access to all users. The library has well equipped with the e-library lab on the first floor where faculty, students and research scholars can access the internet and subscribed online resources. The library is opened on all the days except National and other University holidays. On the weekdays, it remains open from 09:30 AM to 08:00PM, and on Saturday and Sunday, the working period is from 11:00AM to 04:00PM. The staffs are well qualified and trained in the field of library and information profession.

The library building has well-equipped conference and exhibition hall. The basic facilities like Air-conditioner, silent study area, restrooms and drinking water facility are provided on each floor.

The library has a wide range of collections which includes print books, print journals, e-books, e-journals, thesis and dissertation, bound volumes, reports, newspapers, CD/DVDs, etc. into it. The

users of the library are having access to more than 30,000 e-books, 14 online databases accessed through e-ShodhSindu and 10 e-databases subscribed by Tripura University covering financial statistics, Government reports, Company profiles, Abstracts and metadata of more than one lakh e-books.

The library has special collections on Tripura and North-East culture. It also has good collections on few eminent personalities like Swami Vivekananda, Rabindranath Tagore, Subhas Chandra Bose and Sardar Vallabhbhai Patel.

The library offers unique services such as Plagiarism check Service, Reference Service, Lending Service, Document Delivery Service, Citation Management Service, Digitalisation Service, Digital Lab, Reprographic Service, Newspaper Clipping Service, and New Arrival Alert Service to its users. The library strictly follows the Copyright policies.

The library has two branch libraries to cater to the needs of specialized requirements of the users. One library is located at the Business Management Building within Tripura University campus and the other at City Center, Gandhighat, Agartala to meet the needs of the students of the NET coaching center.

The Library conducts three kinds of the user orientation program. Firstly, General Awareness Program conducted every Thursday inside the library. Anyone can attend this program. Secondly, the subject/department-specific program conducted on demand from the departments. Thirdly, conducted the research-based orientation programme to aware users about research services and tools in collaboration with some external agency or institute.

Computing Facilities :

Tripura University takes proper measures to provide all possible computing facilities to the students, scholars and faculty. There are 5 general computer centres and 9 departmental computer centres with approximately 400 desktop computers. The computer centres are accessible to the students, research scholars and faculty during the University working hours for optimal utilization. Lab classes of Computer Skill-I and II are conducted in the above computer centers. For better access internet facility is available in all departments, centres, offices, hostels and staff quarters 24x7. Wi-Fi facility has also been made available for mobile phones and laptops in the central library, Guest house and all the departments. To work at times of power-cut, high capacity central UPSs are installed in most of the departments and offices for providing back-up during power failures.

Central Instrumentation Centre :

Tripura University has established Central Instrumentation Centre to facilitate the Researchers of this University as well as Researchers from other Universities and Institutions of North-East as well as other parts of India. While using this centre the Researchers from outside Tripura University may availed accommodation in the Tripura University Guest House.

Committee for Central Instrumentation Centre:

- Prof. R. N. Dutta Purkayastha, Chairman
- Prof. S. Majumdar, Member
- Prof. Debasish Maiti, Member
- Dr. Shaon Ray Chaudhuri, Member

Dr. Shiv Shankar Singh, Member
Dr. Surajit Bhattacharjee, Member
Dr. Kuntal Manna, Member
Dr. Syed Arshad Hussain, Convener

Technical Staffs:

Mr. Brajagopal Das, Technical Assistant
Mr. Mispaur Rahaman, SEM Operator (Technician from Carl Zeiss Co.)

Instruments available in the Central Instrumentation Centre of Tripura University:

- Atomic Force Microscope (AFM), Model: INOVA, Bruker.
- Field Emission Scanning Electron Microscope with EDS & Sputter Coater, Model-Sigma 300, Carl Zeiss
- 400 MHz NMR
- Liquid Nitrogen Plant, Model: StirLITE, Stirling Cryogenics
- GCMS (Gas Chromatography-Mass spectrum) instruments: model: Varian 220-MS/ 450-GC, 230V (Agilent service)
- HPLC (High performance liquid chromatography) - Dionex U3000
- GSV4004B GPS Ionospheric Scintillation & TEC Monitor (GISTM)
- Lifetime Spectrofluorometer, Model: FluroLog-3, Horiba
- CHEMIDOC
- Immunofluorescence Microscope, Carl Zeiss

Hostel Accommodation:

Fully computerized internet enabled hostel facilities are provided to students from outside the state/country, remote parts of the region and economically backward classes. Presently, there are two hostels for women and gents with 60 and 110 seat capacities respectively. Two more hostel buildings having separate rooms and attached bathrooms with 50 seats capacity are available for research scholars. Common Rooms with various recreational facilities and reading rooms equipped with reading materials and magazines, news papers, T.V. etc. are also available in both the hostels. The hostel mess serves food to the boarders according to a prefixed menu determined by the boarders themselves.

Health Services :

Tripura University has its own Health Centre with two full time doctors (Male and Female), two nurses, a medical laboratory attendant and a female attendant to serve students, teachers, employees, officers, guests and their family members. A separate building has been allotted for this purpose where some beds with saline and oxygen facilities are available. Further, the University possesses an Ambulance with basic facilities in case of emergency to transfer patients to nearby hospitals.

Bank and Post Offices :

The University caters adequately to the requirements of the students, scholars and faculty with in-campus SBI branch and Post office during university hours. There are also two ATMs in the university campus.

Games & Sports :

The Sports Board of Tripura University came into existence in 2007. Every year various games & sports are conducted by Tripura University Sports Board. Annual Sports Day is organized in which various outdoor sports like football, volleyball, Kabaddi and cricket etc and Indoor game competitions such as Table Tennis, Carom and chess etc are held. Every year the sports board organizes Inter College Tournaments in various categories as football, cricket, volleyball, Judo, Table Tennis and athletics among the different affiliated colleges under Tripura University and participates in East Zone/ All India Inter University competitions with university contingent.

Placement Cell :

The Tripura University Placement Cell was established on 27.10.2005. The Cell plays a vital role and is gradually becoming a key cell of the University. The competition for employment is increasing every day and the task of placement is becoming a challenging one. The Placement Cell ensures and takes care to provide the best arrangements and hospitality for the visiting company officials and facilitates campus recruitment drives. It is relevant to mention here that the alumni of Tripura University occupy top positions in business, industry, R&D and academics in India and abroad and serve as the brand ambassadors of the alma mater.

The Placement Cell performs the following activities round the year:

1. Organizing various development activities that help in personality grooming of the students and provides them platforms to express them and enhance their soft skills.
2. Arranging winter/summer training for students.
3. Offering coaching classes for entry into services (for TPSC, Banks, Railway and other competitive examinations) for SC/ST/PH/OBC (Non-Creamy Layer) and minority students in collaboration with Equal Opportunity Cell, TU.
4. Inviting various organizations for campus recruitment.
5. Organizing different job oriented training programs by the reputed organizations.

Activities performed by the Placement Cell (July 2019 to June 2020)**A. Campus Recruitment Drives (Online Test/Telephonic/Skype/PI etc.) Organised at Placement Cell, TU:**

1. By Bandhan Bank during February 2020 for MBA students

B. Activities / Participation at out-campus recruitment drives/interviews Participated at/in: NIL**C. Workshop/Training organised at campus: NIL****D. Industry Visits.**

Outbound Industry and Cultural Immersion tour of MBA students to Delhi-NCR during January 2020

E. Placement Record of Students (July 2019 to June 2020)

Sl. No.	Roll No	Name of the Student	Name of the organisation	Name of the Programme
1	1806460004	ANKITA CHAKRABORTY	Tripura Info	MBA
2	1806460007	ABHIJIT CHANDA	Bandhan Bank	MBA
3	1806460011	HIMADRISH DAS	LIC	MBA
4	1806460012	MITON DAS	Bandhan Bank	MBA
5	1806460035	BISHAL KANTI DEB	Yes Bank	MBA
6	1806460042	AKASH NATH	Bandhan Bank	MBA
7	1806460045	SOURAV KARMAKAR	Bandhan Bank	MBA
8	1806460053	SUSMITA DEY	Yes Bank	MBA

Scholarships and Financial Assistance:

Various scholarships and financial assistances are provided to the students. It is based on the provision under rules and regulation of the particular scheme. The different scholarships are as follows :

Details of Scholarship received by the Students during the year

Sl No	Name of the Department	Number of Student	Name of the Scholarship										
			NEC	SC	ST	OBC	EBC	Single Child	Debility	Ishanuday	Marita-cum-means	Minority	Financial Assis-tance
1	Botany	12	-	3	5	4	-	-	-	-	-	-	-
2	Chemistry	14	2	3	2	5	1	-	-	-	-	-	-
3	Electrical Engineering	12	4	3	3	1	-	-	-	-	-	-	-
4	Forestry & Biodiversity	14	2	1	7	4	0	-	-	-	-	-	-
5	Human Physiology	23	1	5	9	6	2	-	-	-	-	-	-
6	Library and Information Science (B.L.I.S)	10	-	-	9	1	-	-	-	-	-	-	-
7	Library and Information Science (M.L.I.S)	17	-	2	13	-	1	-	-	-	-	-	-
8	Mathematics	31	-	8	-	11	8	-	-	-	-	4	-
9	Molecular Biology & Bioinformatics	8	-	-	-	4	4	-	-	-	-	-	-
10	Physics	14	4	6	-	3	-	-	-	-	-	1	-
11	Zoology	8	1	1	6	-	-	-	-	-	-	-	-
12	Chemical and Polymer Engineering	-	-	-	-	-	-	-	-	-	-	-	-
13	Computer Science & Engineering	6	4	-	2	-	-	-	-	-	-	-	-
14	Electronics & Communication Engineering	4	4	-	-	-	-	-	-	-	-	-	-
15	Geography and Disaster Management	9	-	-	6	1	-	-	-	-	-	1	1

16	Information Technology		-				-	-	-	-	-		
17	Microbiology	5	-	1	2		-	-	-	-	2		
18	Pharmacy	5	-	-	-	3	-	-	-	-		2	
19	MCA	2	-	-	1	1	-	-	-	-	-	-	-
20	Rubber Technology	10	-	-	2	3	2	-		3	-	-	-
21	B.Sc. B ED	3	-	1	-	-	-	-	2	-	-	-	-
22	Video Production	7	-		6	1	-	-	-	-	-	-	-
23	Material Science of Engg	3	-	1	1	1	-	-	-	-	-	-	-
24	M.B.A	25	2	8	5	4	2	-	-	-	3	1	
25	Statistics	10	-	2	1	6	1	-	-	-	-	-	
26	BBA	5	-	1	3	-	-	-	-	1	-	-	
27	Sociology	15	-	-	15	-	-	-	-	-	-	-	
28	Commerce	39	-	6	23	4	6	-	-		-	-	
29	Economics	25	-	3	8	6	7	-	-	1	-	-	
30	Fine Arts	4	-	1	-	3	-	-	-		-	-	
31	Hindi	16	-	4	8	-	2	-	-	2	-	-	
32	Kokborok	59	-	-	59	-	-	-	-	-	-	-	
33	Liberal Arts	6	-	-	6	-	-	-	-	-	-	-	
34	Music	24	-	3	15	2	4	-	-	-	-	-	
35	Physical Education MPED	37	1	6	17	10	3	-	-	-	-	-	
36	Psychology	14	-	3	6	2	2	-	-	-		1	
37	Rural Studies MRMD	17	-	4	13	-	-	-	-	-	-	-	
38	Sanskrit	26	-	9	10	6	1	-	-	-	-	-	
39	Tourism Administration	14	-	-	8	2	3	-	-	-	-	-	
40	Bengali	541	-	149	133	166	90	-	-	1	-	-	
41	Education	299	-	95	49	97	57	-	-	-		1	
42	English	54	-	17	29	5		-	-	-		2	
43	History	45	-	8	31	4	2	-	-	-	-	-	
44	Journalism and Mass Communication	6	-	-	1	4	0	1	-	-	-	-	
45	Law	4	-	1	-	3	-	-	-	-	-	-	
46	Linguistics and Tribal Languages	16	-	-	16	-	-	-	-	-	-	-	
47	Philosophy	42	-	6	24	9	3		-	-		1	
48	Political Science	470	-	94	212	97	66		-	-		1	
49	Performing Arts	4	-	2	1	-	1		-	-	-	-	
50	I.M.D (English)	18	-	-	7	-	1		-	10	-	-	
51	I.M.D (Pol. Science)	15	-	2	10	1	2		-	-	-	-	
52	I.M.D (Philosophy)	10	-	-	9		-		-	1	-	-	
53	I.M.D (History)	15	-	-	14	1	-		-	-	-	-	
54	I.M.D (Hindi)	16		2	14								
55	IMD (Bengali)	5				4			-	1	-		
56	IMD (Mathematics)	3			1		1			1			

57	IMD (Economics)	5			2	1	1			1		
58	IMD (J.M.C)	2			2							
59	B.A	60	-	26	5	22	7					
60	B.A. B ED	21	-	2	3	-	3	-	-	11		1
61	Archaeology	8	-	1	6	1	-	-	-	-	-	
62	Tribal Ethnic Studies	15		2	13							
63	Post graduate Diploma (Hindi)	4		2			2					

Canteen :

Tripura University has a central canteen that offers various food items at a moderate rate, ranging from heavy lunch to light snacks and beverages. Presently the canteen has been shifted to the 1st floor of the newly constructed parking building situated behind the Administrative Building. The canteen is fully air conditioned having a seating capacity of around 100 students at a time. The University canteen is open from 8 am to 10 pm on all days except University holidays. There are also canteens in Academic Building XI and in the main Administrative Building.

NSS UNIT:

NSS assists society by generating awareness and extending service. NSS Volunteers are stimulated to make changes through extension that result in more efficient production and marketing, conservation of natural resources, improved livelihood security, health and more satisfying family and community life. Extension work is at the lowest in hierarchy, but extremely broad based in usage. It is also extremely location specific and usually susceptible to outside criticism. Extension work is to help people understand themselves.

The overall objective of NSS is to offer an extension of the academic activity of students and orient the student youth to community service. The educated youth who are expected to take the reins of administration in future are found to be unaware of the problems of the village / slum community and in certain cases are indifferent towards their needs and problems. Therefore, it is necessary to imbibe the social conscience of the students, and to provide them an opportunity to work with the people in the villages and slums.

Equal Opportunity Cell (EOC) :

Tripura University established an Equal Opportunity Cell on 3rd March 2010 to address issues related to SC/ST, the OBC (non-creamy layer), minorities and the physically challenged on a regular basis. The broad objective of the Cell is to provide the students belonging to any of these categories sufficient support so that they can successfully lead their lives. Specifically, the Cell provides support through various coaching schemes to enhance employability, language skills, social capability skills and various other skills to empower students from the disadvantaged groups. Further, the Cell also takes ample interest in effective implementation of policy and programs for the disadvantaged groups. The Equal Opportunity Cell has introduced many programs keeping in mind the objective of helping out the students from disadvantaged groups such as English Language Proficiency Class, Coaching Classes for Entry into Services, free Computer Course and Soft Skills Course for a period of three months in collaboration with NIELIT, Tripura. The Cell also takes the opportunity to guide students in availing of various scholarships.

Reservation Cell :

The Cell is responsible for ensuring effective implementation of the reservation policy in admission of the students and the recruitment of teaching and non-teaching staff at various levels, allotment of staff quarters, hostels etc. The main objective of providing reservation for Scheduled Castes, Scheduled Tribes and Other Backward Communities (Non-Creamy layer category) in Government services and admission of students is to improve their social and educational status so that they can take their rightful place in the mainstream of the society.

Annual Statement Showing the Representation of SCs, STs and OBCs as on 01.09.2020 is given below.

Faculty

Name of the Posts	No. of Sanctioned posts	Details of Sanctioned strength as on 31.08.2020 (All positions sanctioned by UGC under Plan, Non-Plan and OBC grant if any)							Details of Existing strength 31.08.2020							Vacant positions as on 01.09.2020						
		GEN	SC	ST	OBC	EWS	PWD	TOTAL	GEN	SC	ST	OBC	EWS	PWD	TOTAL	GEN	SC	ST	OBC	EWS	PWD	TOTAL
Professor	49	22	7	3	13	4	1	49	3	0	0	0	0	0	3	19	7	3	13	4	1	46
Assoc. Prof.	75	44	9	4	13	5	2	75	25	2	1	0	0	0	28	19	7	3	13	5	2	47
Asstt. Prof.	178	92	24	19	39	4	5	178	71	17	15	26	0	2	129	21	7	4	13	4	3	49
Total	302	158	40	26	65	13	8	302	99	19	16	26	0	2	160	59	21	10	39	13	6	142

Non-Faculty

Name of the Posts	No. of Sanctioned posts	Details of Sanctioned strength as on 31.08.2020 (All positions sanctioned by UGC under Plan, Non-Plan and OBC grant if any)							Details of Existing strength 31.08.2020							Vacant positions as on 01.09.2020						
		GEN	SC	ST	OBC	EWS	PWD	TOTAL	GEN	SC	ST	OBC	EWS	PWD	TOTAL	GEN	SC	ST	OBC	EWS	PWD	TOTAL
Group A	31	25	1	2	3	0	1	31	16	0	2	1	0	0	19	9	1	0	2	0	1	12
Group B	46	42	1	1	2	0	1	46	25	1	1	2	0	0	29	17	0	0	0	0	1	17
Group C	171	107	26	33	2	3	4	171	90	23	28	2	0	3	143	17	3	5	0	3	1	28
Total	248	174	28	36	7	3	6	248	131	24	31	5	0	3	191	43	4	5	2	3	3	57

Note : The reservation for Physical with Disabilities (PWD) is to maintain horizontal

Anti-Ragging Committee and Squad:

As per the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, Tripura University formed an Anti-Ragging Committee and an Anti-Ragging Squad under the Chairmanship of the Vice Chancellor. This Committee functions actively throughout the year to eliminate all possibilities of occurrence of ragging in any form.

Tripura University has a zero-tolerance policy towards ragging. Ragging in all its forms is totally banned in the entire Tripura University complex including the departments, and all its premises (academic, residential, sports, canteen, etc.). The University authority takes strict action against those found guilty of ragging and/or of abetting ragging.

Any complaint of ragging can be made to the nodal officer whose name, e-mail address, mobile number is given below:

Name : Dr. Rajat Deb, Assistant Professor, Dept. of Commerce
 E-mail ID : rajatdeb@tripurauniv.in
 Mobile Number : +91-9436126014; +91-9774426965



**University
Administration**

STATUTORY BODIES^{1*}

THE COURT

Ex-officio Members

Chancellor, Tripura University (Vacant)

Prof. Ganga Prasad Prasain

Vice-Chancellor, Tripura University

Pro- Vice-Chancellor, Tripura University (Vacant)

Dr. Sabyasachi Dasgupta

Dean of Students' Welfare

Dr. K. B. Jamatia,

Registrar (i/c), Tripura University

Sri U. K. Das

Finance Officer, Tripura University (upto 22/01/2020)

Representatives of Faculties and Departments

Two Deans, one from each Faculty, by rotation according to seniority

Prof. Chandrika Basu Majumder

Dean, Faculty of Arts & Commerce, Tripura University

Prof. Sukanta Banik

Dean, Faculty of Science, Tripura University

Two Professors to be appointed in the manner prescribed by the Ordinances (Vacant)

Two Heads of Teaching Departments, who are not Professors by rotation accordingly to seniority to be appointed by Vice-Chancellor

Dr. Debarshi Mukherjee

Department of Management, Tripura University

Dr. Mohan Debbarma

Department of Philosophy, Tripura University

¹*As on 02-11-2020

One Associate Professor/Reader, who is not Head of Department, and one Assistant Professor/Lecturer to be appointed in the manner prescribed by Ordinances (Vacant)

Representatives of Affiliated Colleges

Two Principals of Affiliated Colleges, of whom one shall be woman, by rotation according to seniority, which shall be determined with reference to the date of establishment of the colleges concerned, to be nominated by the Vice-Chancellor

Principal

Ramkrishna Mahavidyalaya, Kailasahar

Principal

Institute of Advanced Studies in Education, Agartala

Two teachers, of whom one shall be woman teacher, from affiliated Colleges, to be nominated by Vice-Chancellor

Dr. Pradip Bhowmik

Agartala Government Medical College

Dr. Kaberi Majumder

TIT, Narsingarh

Persons representing learned professions and special interests

Two members representing learned professions and special interests including representatives of industry, commerce, trade unions, banking and agriculture, to be nominated by the Visitor

Prof. Lal Chand Rai

Distinguished Professor, Department of Botany, BHU (Visitor's Nominee)

Prof. (Dr.) Laksmishree Banaerjee,

Founder Pro-Vice-Chancellor & Ex Vice-Chancellor, Kolhan University (Visitor's Nominee)

Representatives of the Registered Graduates

Two representatives of the Registered Graduates of the University to be elected in the manner prescribed by Ordinances (Vacant)

Representatives of Parliament

Two representatives of Parliament, one to be nominated by the Speaker of the Lok Sabha from among the members thereof and one to be nominated by the Chairman of the Rajya Sabha from among the members thereof. However, in the event that a member of Parliament becomes a Minister or Speaker/Deputy Chairman, Rajya Sabha, her/his nomination/Election on the Statutory Body shall be deemed to have been terminated (Vacant)

Representatives of Students of PG Departments

Two students of whom one shall be female, to be elected (Vacant)

Other Members

Not more than one person to be nominated by the Visitor

Prof. Khem Singh Daheriya

Professor, Department of Hindi & Dean, Faculty of Humanities and Philosophy, IGNTU, Amarkantak

Representatives of the Non-Teaching Staff

Two members of non-teaching staff of whom one shall be woman, to be elected (Vacant)

Representatives of the State Government

Director, DHE, Govt. of Tripura, Member (Representatives of State Govt.)

Remaining Members of the Executive Council

Not more than one Member of the Executive Council, who is not otherwise member of the Court

N. Lokendra Singh

Department of History, Manipur University

EXECUTIVE COUNCIL

Prof. Ganga Prasad Prasain - Ex-officio Chairman
Vice-Chancellor Tripura University

Pro-Vice-Chancellor, Tripura University - Ex-officio Member
(Vacant)

Two Deans, one from each Faculty, by rotation according to seniority:

Prof. Chandrika Basu Majumder - Member
Dean, Faculty of Arts & Commerce, Tripura University

Prof. Sukanta Banik - Member
Dean, Faculty of Science, Tripura University

One Professor, other than a Dean by rotation according to seniority, to be nominated by the Vice-Chancellor:

Senior most Professor, Tripura University - Member

Secretary of Higher Education - Member
Government of Tripura

Two members of the Court, to be nominated by the Visitor, none of whom shall be an employee of the University or a college or an institution affiliated to or recognized by the University

- (i) **Prof. Lal Chand Rai,**
Distinguished Professor, Department of Botany, Banaras Hindu University, Varanasi
- (ii) **Prof. Khemsingh Daheriya,**
Department of Hindi & Dean, Faculty of Humanities and Philosophy, IGNTU, Lal Pur, Amarkantak

Three persons nominated by the Visitor

- i) **Prof. T.V. Kattimani,**
Vice-Chancellor, IGNTU, Amarkantak, Madhya Pradesh
- ii) **Prof. N. Lokendra Singh,**
Head, Department of History, School of Social Science, Manipur University
- iii) **Prof. (Smt.) Vinod Solanki (Retd.),**
Ex-Head, Department of English, Deen Dayal Upadhyay Gorakhpur University, U.P

Dr. K.B. Jamatia - Ex-officio Secretary
Registrar (i/c), Tripura University

ACADEMIC COUNCIL

Prof. Ganga Prasad Prasain - Ex-officio Chairman
Vice-Chancellor, Tripura University

Pro-Vice-Chancellor, Tripura University (Vacant) - Ex-officio Member

Two Deans, one from each Faculty, by rotation according to seniority

Prof. Chandrika Basu Majumder - Member
Dean, Faculty of Arts & Commerce, Tripura University

Prof. Sukanta Banik - Member
Dean, Faculty of Science, Tripura University

Two Heads of Departments, one from each Faculty, by rotation according to seniority, to be nominated by the Vice-Chancellor

1. Dr. Mohan Debbarma - Member
Head, Department of Philosophy, Tripura University

2. Dr. Sabyasachi Dasgupta - Member
Head, Department of Forestry & Biodiversity, Tripura University

Two Professors, other than the Heads of Departments, to be nominated by the Vice-Chancellor

1. Prof. Priyasankar Chaudhury - Member
Department of Zoology, Tripura University

2. Prof. Prallad Debnath - Member
Department of Commerce, Tripura University

Two Principals of Colleges admitted to the privileges of the University, to be nominated by the Vice-Chancellor

1. Principal - Member
Women's College, Agartala

2. Principal - Member
Rabindranath Thakur Mahavidyalaya
Bishalgarh

Two teachers of the University, other than those under (i) to (v) above, by rotation according to seniority of which one shall be Associate Professor/Reader and one Assistant Professor/Lecturer

1. Dr. Sipra Ray - Member
Associate Professor, Department of Sanskrit, Tripura University

- 2. Dr Monishankar Misra,**
Assistant Professor, Department of History, Tripura University - Member

Four persons nominated by the Visitor

- i) Prof. Awadesh Kumar Mishra,**
Head, Dept. of Linguistics, English and Foreign Language University, Shillong Campus, Shillong
- ii) Prof. M. Indira Devi,**
Department of Chemistry, Nagaland University
- iii) Prof. Mahesh Chandra Govil,**
Director, NIT Sikkim
- iv) Prof. Sunita Singh Sengupta,**
Faculty of Management Studies, University of Delhi

Two Teachers of the Affiliated Colleges - Member
(Vacant)

One Research Scholar and Two Post-Graduate Students of the University - Member
(Vacant)

Dr. K. B. Jamatia - Ex-officio
Registrar (i/c), Tripura University Secretary

COLLEGE DEVELOPMENT COUNCIL^{2*}

Dr. Milan Rani Jamatia

Assistant Professor, Department of Hindi, Tripura University

Dr. Partha Pratim Paul

Assistant Professor, Department of Law, Assam University, Silchar

Dr. Sujit Tewari

Assistant Professor, Department of Physics, Karimganj College, Assam

Dr. Chandna Dey

Associate Professor, Department of Commerce, Cachar College, Silchar

Shri Uttam Kumar Saha

Correspondent, Anandabazar Patrika

Dr. Dipankar Paul

Head, Department of Physics, R.K. Nagar College, Karimganj, Assam

Dr. Abhijit Nath

Department of Chemistry, G.C. College, Silchar, Assam

Prof. Lalit Kumar Jha

Professor of Forestry, Department of Environmental Studies, NEHU, Shillong

Dr. Goma Devi Sharma

HOD, Hindi Department, Army Public School, Narangi, Guwahati

Shri Hitesh Kalita

IT Consultant NECCERT, Guwahati

Mrs. Jhumur Lodh

Director (Administration), Scholars Institute of Technology and Management, Guwahati

² *Upto 09/01/2020

FINANCE COMMITTEE

Prof. Ganga Prasad Prasain - Ex-officio Chairman
Vice-Chancellor Tripura University

Pro-Vice-Chancellor, Tripura University (Vacant) - Member

One person to be nominated by the court

Prof. Chandrika Basu Majumder - Member
Department of Political Science, Tripura University

Three persons to be nominated by the Executive council, out of whom at least one shall be a member of the executive council

1. **Sri M. M. Reang** - Member
Joint Registrar, Tripura University (upto 18/12/2019)

2. **Secretary, Department of Finance, Govt. of Tripura** - Member

3. **Vacant** - Member

Three persons to be nominated by the visitor

1. **Joint secretary & Finance Advisor, MHRD** - Member

2. **Joint secretary (CU&L), MHRD** - Member

3. **Joint secretary (CU), UGC** - Member

Sri U.K. Das
Finance Officer, Tripura University (upto 22/01/2020) - Ex-officio Secretary



**University
Departments &
Centres**



DEPARTMENT OF ARCHAEOLOGY AND ANCIENT INDIAN CULTURE

Head of the Department : Dr. Monisankar Misra (i/c)
 Year of Establishment : 2019
 Programmes on offer : MA
 Intake capacity : 20

Major achievements/ Vision of the Department :

The Department of Archaeology and Ancient Indian Culture is one of the newest departments of the University. It is opened with the vision that it will contribute in due course to unearth hitherto unknown archaeological resources in the state of Tripura and North East India and make substantial contribution in reconstructing the ancient history of the region which is still under explored.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Miss Jyotshna Rani Khundrakpam	MA	Guest Lecturer	Guest	Pre and Proto history	-	-	-	-	-	-	-

**Must be mentioned*

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Dr. Manjil Hazarika	Archaeological methods	Cotton University, Guwahati

DEPARTMENT OF BENGALI

Head of the Department : Dr. Paramasree Dasgupta
 Year of Establishment : 1977
 Programmes on offer : M.A., Ph.D. (including Course Work), IMD
 Intake capacity : M.A- 90, IMD- 15, Ph.D.- As per vacancy

Major achievements/ Vision of the Department :

Research in different areas such as Bengali Fiction, Drama, Poetry, Linguistics, Manuscript studies, Literary Theory, Folklore, Women's studies, Tribal studies, Comparative Indian Literature, Special importance to North-eastern Bengali Literature. Pass out students' placement in various fields.

Vision of the Department:

- Folklore Studies Centre
- Tagore Research Centre
- Collaboration with different Universities, Industries & organizations
- Departmental Research journal
- Departmental Library
- Research in unexplored areas of Literature, Language & Culture
- Developing E-learning method

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr.Nirmal Das	MPhil PhD	Assistant Professor	Full Time	Folklore & Medieval Bengali Literature	11	08	04	-	-	-	-
Dr.Rintu Das	MPhil PhD	Assistant Professor	Full time	Modern Bengali Literature	10	01	03	-	-	-	-
Dr.Paramasree Dasgupta	PhD	Assistant Professor	Full time	Pre Modern Bengali Literature & Women's Studies	10	01	03	-	-	-	-
Dr.Sayak Mukherjee	PhD	Assistant Professor	Full time	Modern Bengali Literature	09	-	03	-	-	-	-

Dr.Padakumari Cakma	PhD	Assistant Professor	Full time	Novel & Tribal Studies	08	-	04	-	-	-	-
Dr.Malay Deb	PhD	Assistant Professor	Full time	Medieval Bengali Literature & Comparative Indian Literature	UG 3,PG4	-	04	-	-	-	-

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Books:

Main Author	Co- Authors	Title	Local/National/ International	Publishers	Year (2019-20)	ISBN
Dr.Nirmal Das		Iswarchandra Vidyasagar: Duisho Bacharer Niswanga Pathik	National	Tripura Bani Prakasani	2020	ISBN: 978-81-940-7-3
Dr.Nirmal Das		Punnyashloke Iswarchandra	National	Akshar Prakashani	2020	ISBN: 978-93-84079-12-3
Dr.Paramasree Dasgupta		Ei Somoye Vidyasagar	National	Jnanbichitra	2020	ISBN 81-8266-128-5

2.2 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Dr. Rintu Das	-	Rabindranather Drishtite Vidyasagar	Debabrata Ghosh	Vidyasagar: Ek Bahumatrik Parjalochana	National	Setu Prakashani, Kolkata-6	January 2020	978-81-942129-3-5	157-165
Dr. Padma Kumari Chakma		Shekh Chander 'Hara-Gouri Sambad'-kavye Samanaybhavna	Dr.Rintu Das and Dr. Malay Deb	Bangla O Sindhi Sahitye Sufi Prabhab	National	Gutenberg	2019	978-81-936022-3-2	121-129
Dr. Malay Deb		Vidyasagar O Assamer Bidhababibaha Andolan	Dr. Nirmal Das	Iswarchandra Vidyasagar: Duisho Bacharer Niswanga Pathik	National	Tripura Bani Prakasani	2020	978-81-940-7-3	95-108

2.3 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc. :

Main Author	Co-Authors	Title	Local/National/International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Dr. Rintu Das	-	Tripuray Paribahan Sanskriti O Jatayat Byabastha	International	Pratidhwani The Echo	Vol.: VIII, Issue: I	July 2019	2278-5264 (O)	46-50
Dr. Rintu Das	-	Mahashweta Debir Upanyase Itihas-Anusandhan : 'Jhnasir Rani' Theke 'Aranyer Adhikar'	National	Antarmukh	Vol.: IX, Issue: II	October-December 2019	2249-3751 (P)	31-38
Dr. Rintu Das	-	Tripuray Adhunik Bangla Sahityacharcha O Rabindranath	National	ENSEMBLE	Vol.: II, Issue: I	March 2020	2582-0427 (O)	1-6
Dr. Malay Deb	-	Bimal Singher Chotogolpe Rajnaitik Chetana	International	Pratidhwani The Echo	Vol. VIII, Issue I	July 2019	2278-5264(O)	23-28

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper : (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Nirmal Das	Teacher	02	03	-
Dr. Rintu Das	Teacher	03	02	01
Dr. Paramasree Dasgupta	Teacher	03	02	-
Dr. Sayak Mukherjee	Teacher	02	02	-
Dr. Padma Kumari Chakma	Teacher	01	02	-
Dr. Malay Deb	Teacher	03	01	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Rintu Das	Gandacherra, Tripura	27 th September 2019	Govt. Degree College Gandacherra	Srijane Manane Mahashaweta Devi : 'Aranyer Adhikar'
Dr. Rintu Das	Sukanta Academy, Agartala	15 th September, 2019	Somen Chanda Janmasataborsha Ujjanpan Committee	Somen Chanda: Jibon O Sahitya
Dr. Paramasree Dasguta	Khumlung, Tripura	21 st November, 2019	Govt. Degree College Khumlung	19 th Century Renaissance: Swami Vivekananda & Vidyasagar
Dr. Paramasree Dasguta	Belonia, Tripura	13 th March, 2020	Govt. Degree College Belonia	Janhaba Devi : Ek alokbortika
Dr. Paramasree Dasguta	Agartala	1 st October, 2019	Doordarshan	Sarodotsaver Samajik Bhabna
Dr. Sayak Mukherjee	Agartala	2 nd December, 2019	Akash Bani	World Disable Day
Dr. Padma Kumari Chakma	Agartala	23 rd February, 2020	Tripura Rabindra Parisad	'Bhasa ke Kothay Dariye'
Dr. Padma Kumari Chakma	Antarjatik Mela Prangan, Hapaniya	6 th March, 2020	Tathya O Sanskriti Daptar, Tripura Sarkar	Sankhyalaghu bhasa O Sanskriti
Dr. Padma Kumari Chakma	Tripura University, Academic Building XI,	8 th March, 2020	Sahitya Academi	Badnasib (Short Story)

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Pritilata Sarkar	Part time	Samaresh Basur Chhotogalpe Nimnabargiya Samajbhabna	Dr. Rintu Das	Theses submitted on 7 th February 2020
Titan Rudrapaul	Full Time	Tripuray Mahila Rachita Bangla Chhotogalper (1924-2015) Bishyhabna O Rachanariti : Ekti Bishleshanatmak Samiksha	Dr. Rintu Das	Awarded on 29 th November, 2019
Hamida Khatun	Full Time	Bhanga Mushalmani Pronoy Upakhyan : Anusandhan O Proryalochona	Dr. Paramasree Dasgupta	Awarded

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
	24 July, 2019	One hour	Chabir Silpi Kabi Mukunda Chakraborty by Prof. Mahinimohan Sardar, West Bengal State University	Talk	National	200
	25 September, 2019	One hour	Bahirbanger Bangla Sahitya by Sunanda Bhattacharjee, Eminent writer	Talk	National	200
	12 November, 2019	One hour	Bangladesher Sahitya by Prof. Soumitra shekhar, Department of Begali, Dhaka University	Talk	International	250
	5 th March, 2020	One hour	Aktarujaman Iliuser Khowabnama : Itihas O Sanskriti by Prof. Subharanjan Dasgupta, Institution of Foreign policy Studies, Kolkata	Talk	National	200
	15-16 November, 2019	Two Day	Emerging Scenario of Rural India : Society, Education and Litterature	Seminar	International Seminar	250

6.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr.Nirmal das	Refresher	Tripura University	01.7.2019 to 14.7.2019	01.7.2019 to 14.7.2019
Dr. Padma Kumari Chakma	Refresher	Tripura University	01.7.2019 to 14.7.2019	01.7.2019 to 14.7.2019

7. Major thrust area of research : Bengali Fiction, Drama, Poetry, Linguistics, Manuscript studies, Literary theory, Folklore, Women's studies, Tribal studies, Comparative Indian Literature, Special importance to North-eastern Bengali Literature

8. New initiatives/Innovations:

9. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr.Nirmal Das	Adwaita Mallabarman Smarak sanman	3 rd January,2020	Titas abritti sangothon,Kumilla,Bangladesh	

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF BUSINESS MANAGEMENT

Head of the Department	:	Dr. Debarshi Mukherjee
Year of Establishment	:	2005
Programmes on offer	:	MBA (2 year Fulltime Programme approved by AICTE, New Delhi), BBA (3 year fulltime Programme), Ph.D.
Intake capacity	:	60 Nos. (MBA, BBA)

Major achievements/ Vision of the Department :

Over the years the Business Management department has been able to create an enabling environment for learning and development where future managers are fostered organically. The pedagogical practices and dynamic course curriculum of the department has evolved over time by the confluence of different modern approaches backed by state –of – the – art technology infrastructure. At the Department of Business management, students not only learn through classroom teaching but also through case based learning, industry-academia interactions through special corporate lectures by senior level management executives, summer internship projects, inbound and outbound industrial tours in various corporate organizations and industries thus emerging as hard core business and corporate professionals. The department is committed to train each student on the factors of corporate readiness through the fine blending of theory and practice by the experienced faculty members and industry mentors thus enriching life each day. Faculty members in the department are engaged in ‘cutting edge research’. They have been organizing seminars, management and faculty development programmes as well as executing government funded and consultancy projects. The holistic involvement of faculties across so many relevant areas is beneficial for imbibing management knowledge and professional growth of our students. Since the last decade, faculties and students of the Department of Business Management of Tripura University are actively involved in conducting and so far witnessed various events, namely, ‘Prayatna-Management conclave’, Prarambh, Purvottaran and now Rubaroo wherein students test their business acumen by managing teams, handling conflicts, and ambiguities. ‘Rubaroo’ provides a platform for reconnecting alumni with their Alma Mater. **Department of Business Management takes pride in organizing these events consecutively for the last 4 years since 2016.** Various cultural and management events rekindles the bond between alumni and the institute and also refreshes their nostalgic memories. We take pride in stating that our management students have put in their zealous and diligent efforts in academics as well as in organizing events resulting in grand success.

In 2020, Department of Business Management organized its 1st International Conference on Business Management-ICBM 2020 on the theme “Industrial Development in the North Eastern Region- challenges and Opportunities” on 27-29 February 2020, sponsored by North East Development Council, Shillong under Ministry of DoNER, Govt. of India and NABARD, Agartala.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Debarshi Mukherjee	MBA, PhD	Associate Professor & HOD	Full time	Learning Analytics	20 years	2	4	8	8	26	3
Dr. Nirmalya Debnath	PhD	Assistant Professor	Full time	Marketing	11 years	-	3	6	8	-	-
Dr. Mahasweta Das Saha	B.E.(Mech), MBA, PhD	Assistant Professor	Full time	Consumer Socialization	13 years 6 months	NIL	NIL	8	8	-	-
Mr. Manish Das	MMM, NET	Assistant Professor	Full time	Consumer Behaviour	9 year 9 Months	NIL	NIL	7	7	13	2
Ms. Anjana Kalai	MBA	Assistant Professor	Full time	Blended learning, Culture	8 years 9 months	NIL	NIL	8	8	-	-
Dr. Tamal Chaudhuri	PhD	Assistant Professor (Contractual)	Full time	Marketing	15 years	-	-	6	9	-	-
Ms. Sunam Nandy	MBA	Guest Teacher	Guest	Finance/HR	1year	-	-	-	-	-	-
Mr. Tamladipta Sen	MBA	Guest Teacher	Guest	Finance	2 years	-	-	-	-	-	-

*Must be mentioned

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Professor Sibransan Misra (Retd.)	Managerial Economics (MBA 1 st Semester) for Jun-Dec 2019	Department of Economics, Visva-Bharati University

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/IS BN/DOI	Page No.
Dr. Debarshi Mukherjee	Badri N Srinivasan	Complex Adaptive Systems (CAS) Perspective on Human Resource Management in Agile Teams : An Exploratory Study	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	4-5

Dr. Debarshi Mukherjee	Ranjit Debnath	Consumer Sentiment Analysis of Budget Hotels: A Text Mining Approach	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	29
Dr. Debarshi Mukherjee	Khandakar Kamrul Hasan	Metaliteracy: A Comprehensive Learning Framework for New Age Students	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	40-41
Dr. Debarshi Mukherjee	Rajesh Chatterjee, Sudakhina Mitra	MGNREGA on People's Health and Quality of Life - Opening of a Novel Market for Health	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	42
Dr. Mahasweta Das Saha	Bishal Kanti Deb	The Implications of Financial Literacy Centre(FLC) Activities in Tripura	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	12-13
Dr. Mahasweta Das Saha	Debapratim Ghosh	Online Purchase of Hotels: Role of S-Commerce for Information search and Purchase	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	108
Dr. Mahasweta Das Saha	Kaushik Datta, Bishal Kanti Deb	Ecotourism in Tripura: An Empirical study on Dumburnagar	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	120-121
Sunam Nandi	Dr. Mahasweta Das Saha	Consumer Perceptions towards Organic Farming (Food Products) with Special Reference to Agartala, Tripura	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	124
Dr. Mahasweta Das Saha	Sourav Karmakar	Assessment of the Market Linkages of Handloom and Handicraft Sectors of Tripura	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	1	2020	ISBN: 978-93-89611-68-7	127-128
Dr. Nirmalya Debnath	Dr. Abhishek Kumar	A Gap Analysis of Mission Antyodaya Parameters focusing on Gram Panchayat Development Plan with Special Reference to Tripura	National	Indian Economic Journal	special issue	2019	0019-4662.	01-10,

Manish Das	Dr. Charles Jebarajakirthy	Impact of Acculturation to Western Culture (AWC) on the Western Fashion Luxury Consumption among Gen-Y Consumers in the Asia Pacific region	International (Web of Science, Impact factor 4.23)	Journal of Retailing and Consumer Services		2020	https://doi.org/10.1016/j.jretconser.2020.102179	-
Dr. Charles Jebarajakirthy	Manish Das	How Self-Construal Drives Intention for Status Consumption : A Moderated Mediated Mechanism	International (Web of Science, Impact factor 3.58)	Journal of Retailing and Consumer Services	55	2020	https://doi.org/10.1016/j.jretconser.2020.102065	-
Manish Das	Dr. Debarshi Mukherjee	Ethnic Identity Impact on Consumers' Ethnocentric Tendencies: The Moderating Role of Acculturation and Materialism	National (Scopus, UGC Care)	Management and Labour Studies	45	2020	https://doi.org/10.1177/0258042X19890245	31-53

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Nirmalya Debnath	Teacher	1	3	-
Mr. Manish das	Teacher	1	-	-
Dr. Mahasweta Das Saha	Teacher	1	-	-

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Debarshi Mukherjee	Tripura	18/09/2019	FDC, TU	Education 4.0
Dr. Debarshi Mukherjee	Tripura	17/02/2020	FDC, TU	Learning Analytics
Dr. Debarshi Mukherjee	Pune, Maharashtra	22/05/2020	Society for Data Science	Learning Continuity in the Realm of Education 4.0
Dr. Debarshi Mukherjee	Hosangabad, MP	13/06/2020	Govt. Narmada College	Andragogic Innovation using Design Thinking Approach
Dr. Debarshi Mukherjee	Tripura	11/02/2020	ATAL (AICTE) Prog. By Dept of IT	Understanding Block Chain Technology: Towards a Secure Future
Dr. Debarshi Mukherjee	Tripura	12/02/2020	ATAL (AICTE) Prog. By Dept of IT	Learning Analytics: Know Thy Student
Dr. Debarshi Mukherjee	West Bengal	27/06/2020	Sidho Kanho Birsia University	Learning Continuity in the post COVID-19 INDIA
Dr. Debarshi Mukherjee	UP	13/06/2020	Sharda University	How to Write a Good Research Proposal

Dr. Debarshi Mukherjee	Tripura	28/06/2020	Ramthakur College	Education 4.0 - Moving towards Agility
Dr. Mahasweta Das Saha	Bhopal	30/06/2020	MBA Sagar Group of Institutions, Bhopal	Faculty Development Program on "Online Teaching & Learning Pedagogy & Research Methodology"- Introduction to SPSS
Dr. Mahasweta Das Saha	Tripura	17/01/2020	ICFAI University & National HRD Network and Employment Manpower Planning Department, Govt. of Tripura	Re-Skilling Human Resource Revolution- Road map for future
Dr. Mahasweta Das Saha	Tripura	12/11/2019	Forest Research Centre for Livelihood Extension (FRCLE)	Forestry and Livelihood Issues: Role of Eco-Tourism
Dr. Nirmalya Debnath	Agartala	30/05/2020	Economic Science Society of Tripura	Market Segmentation, Targeting and Positioning

6. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20 :

Name of Scholars	Part time / Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Manish Das	Part time	Effect of Culture on Consumer Behaviour: A Generational Cohort Comparison of Tripura	Dr. Debarshi Mukherjee	Submitted
Soumen Mukherjee	Part time	Assessment of Patient Satisfaction in Tertiary Care Hospitals and Development of a Tertiary Healthcare Infrastructure Map of Tripura	Dr. Debarshi Mukherjee	Registered
Anjana Kalai	Part time	Cultural Influence on Adoption of Blended Learning Affecting Learning Gain Among the Students of Management Education in Tripura	Dr. Debarshi Mukherjee	Registered
Ranjit Debnath	Full time	Development of a Blended Learning Model for Management Education using Complex Adaptive Systems (CAS)	Dr. Debarshi Mukherjee	Registered
Kamrul Hasan Khandakar	Full time	To be finalized	Dr. Debarshi Mukherjee	Coursework
Mr. Goutam Deb	Part Time	Perception towards Online Out Patient Department Registration Process: A Case in Tripura	Dr. Nirmalya Debnath	Yet to be registered
Mr. Jayanta Das	Part Time	Perception towards Online Shopping Experience : A Case in Tripura	Dr. Nirmalya Debnath	Yet to be registered
Ms. Sharmili Chakraborty	Part Time	Perception of Consumers towards Green Products: A Case in Tripura	Dr. Nirmalya Debnath	Yet to be registered

7. Outreach Footprint of the Department:

1. **Outbound Industrial Tour of the students of DoBM to Delhi NCR from 7/1/20 to 16/1/2020**

Innovative pedagogy of MBA curriculum of Tripura University has taken the students and faculty members beyond classrooms to the hotbed of industrial development of India. The final year students of the MBA department have embarked on a journey to experience the factory ambience under state-of-the-art

infrastructure capabilities across various domains on a 10-day rigorous visit schedule. The department has been successfully organizing this visit over the last three years being the sole department in the entire North East. In this fourth year, the visit schedule started on 7/1/20 and continued till 16/01/2020. In these four years, it has been observed that students have learned various intricate concepts of business management while interacting with the managers of these companies. Such hands-on exposure to the production environment is crucial for a student to push their own horizon and evolve as a manager. Even in the evening is studded with guest lectures drawn from academia and industry which gives them a feeling of a competitive corporate environment. This year's visit started with Case New Holland (CNH Industrial N.V.) under the Netherlands based Exor Group, Dana Graziano; the Italian born and presently controlled by the American Dana Incorporated, the first and largest Indian compressor and components manufacturer Global Autotech, Leather-based processor and shoe manufacturer (Red Tape shoes, Oaktrak Shoes) Mirza International, diversified Indian conglomerate like the RSPL Group (Ghari Detergent, Red Chief Shoes, Nirmi Buildtech, Namaste India dairy, Renewable energy divisions), 4th largest biscuit and cakes brand Anmol Biscuits and one of the fastest-growing 100% export-oriented Rubber-based automotive components, pet toys, other consumer and utility products manufacturer, marketing to over 35 countries while sourcing rubber directly from Tripura itself – Shivam Polymers. The students also had a chance to savour into the management and operations of the first in India and one of the largest globally; an integrated state of the art Exhibition Venue – India Expo Mart Limited and also delve into the pricing strategy, shop floor design and planning of the largest shopping complex of the country. The exposure to cutting edge technology and best practices approach perfectly blend with the theoretical underpinnings thus making the whole learning gamut a prospective one for the students as well as for the department which has become a beacon of the North East.

2. Local Industry Tour on 23/11/2019

Department of Business Management, Tripura University organized one-day local industry visit for the students of MBA 1st semester as a part of their curriculum to acquaint them with industry functioning. The visit was organized on 23/11/2019, with financial support from the university. 56 MBA 1st sem. students along with the faculty members visited two prominent companies (Pran Beverages Industries Limited and Mutha Industries limited) in Bodhjanjagar Industrial Estate, Khayerpur, Agartala. Pran is a FMCG company dealing with production of various ready-to-eat items like bread, toast, noodles, cake, puff-rice, juice, crackers in their Bodhjangnagar plant. Students got an exposure to various aspects of their production. Mutha deals with bamboo as raw material and converts them into bamboo woods for manufacturing log, furniture, tiles, and home furnishing. Students got exposure on various issues related to production and supply-chain.

7.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
1	27 th to 29 th Feb 2020	3 days	(ICBM 2020) Industrial Development in the North East Region: Challenges & Opportunities	Conference	International	80
2	26th May 2020	1 day	Future of Global Business amid Corona Pandemic by Dr. Kshitij Awasthi, Assistant Professor, IIM Lucknow	Webinar	National	70

3	13 th May 2020	1 day	Demystifying Data Science by Prof. Amlan Chakrabarti, Director, A.K.Choudhury School of Information Technology, University of Calcutta	Webinar	National	60
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7.2 Interaction with Industry/ NGO / Govt. Organization: (For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1	Dr. Debarshi Mukherjee	Ministry of Micro Small and Medium Enterprise	New Delhi	NA	NIL	-

7.3 Interaction with Industry/ NGO / Govt. Organization : (For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
Rural Development (Panchayat), Govt. of Tripura	01	01	Summer Internship* (22 Projects)

Presently, twenty two summer-internship projects are given to MBA 2nd Semester students by the Rural Development (Panchayat) Department, Government of Tripura.

7.4 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Nirmalya Debnath	Indian Economic Association	Executive Committee Member
Dr. Nirmalya Debnath	Economic Science Society of Tripura	General Secretary
Mr. Manish Das	ESSOT (Economic Science Society of Tripura)	Permanent
Dr. Tamal Chaudhuri	Economic Science Society of Tripura	Life Member

7.5 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Nirmalya Debnath	Faculty Development Programme	NPTEL-AICTE Online	8 Weeks	July – September 2019
Dr. Nirmalya Debnath	Faculty Development Program for student Induction	Tripura University	3 Days	14-16 September 2019
Dr. Nirmalya Debnath	Orientation Workshop	MSME, New Delhi	1 Day	30 th January 2020
Dr. Nirmalya Debnath	Faculty Development Program	ICFAI University, Tripura	7 Days	22-28 June 2020
Dr. Mahasweta Das Saha	UGC-HRDC Faculty Development Program on “Motivation and Leadership for Teachers”	UGC-HRDC-Academic Staff College, Osmania University, Hyderabad, Telangana (Online)	7 Days	22-27 June 2020
Dr. Mahasweta Das Saha	Faculty Development Program for student Induction	Tripura University	3 Days	14-16 September 2019
Dr. Tamal Chaudhuri	Faculty Development Program for student Induction	Tripura University	3 Days	14-16 September 2019
Ms. Anjana Kalai	Faculty Development Program for student Induction	Tripura University	3 Days	14-16 September 2019
Mr. Manish Das	Faculty Development Program for student Induction	Tripura University	3 Days	14-16 September 2019

8. Major thrust area of research:

The department is working in multifaceted dimensions of management studies including development of tribal research and social infrastructure research. Further, the department is focusing on the development of blended learning models, learning analytics, retail marketing, culture and consumer behaviour, services marketing, consumer psychology, e-service quality, consumer socialization and internet usage, consumer behavior towards mobile banking and social media usage.

9. New initiatives/Innovations:

- BBA programme commenced from July 2019 in the Department of Business Management.
- Department of Business Management organized 1st International Conference on Business Management-ICBM 2020 on the theme “Industrial Development in the North Eastern Region-challenges and Opportunities” on 27-29 February 2020, sponsored by North East Development Council, Shillong under Ministry of DoNER, Govt. of India.
- Management department has initiated placement opportunities and MBA students are successfully placed under this initiative (No.17).
- Establishment of a “Language Lab” to foster better communication skill.
- Establishment of a ‘Board Room’ in the department to facilitate discussion and discourse among the students and corporate.
- In the process of setting up business incubator funded by MSME.
- Publishing a book titled “Purvottaran - The Rise of North East: Paradigms of Development in the VUCA World (Ed.)” to be published by Bloomsbury.

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Debarshi Mukherjee	Dr. Rajesh Chatterjee	Indian Council of Social Science Research (ICSSR), New Delhi under IMPRESS scheme	Impact of Mahatma Gandhi NREGA on Development of Rural Livelihood in Tripura	10,00,000	4,00,000	2 years

11. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Manish Das	Griffith University, Griffith Business School, Queensland, Australia.		2 research publications

12. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Himadri Das	M	SC	No	LICI	LIC -assistant
Nabarun Sarkar	M	SC	No	AIMA	MAT
Saptaparna Sarkar	F	OBC	No	AIMA	MAT

Ila Sutradhar	F	OBC	No	AIMA	MAT
Shibjyoti Singha	M	OBC	No	AIMA	MAT
Saurav Deb	M	GEN	No	AIMA	MAT
Anirban Saha	M	GEN	No	AIMA	MAT
Somraj Chakraborty	M	GEN	No	NTA	CMAT

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Sourav Karmakar	M	GEN	No	Bandhan Bank	Management Trainee	-	-
Abhijit Chanda	M	GEN	No	Bandhan Bank	Management Trainee	-	-
Akash Nath	M	OBC	No	Bandhan Bank	Management Trainee	-	-
Miton Das	M	SC	No	Bandhan Bank	Management Trainee	-	-
Bishal Kanti Deb	M	GEN	No	Yes Bank	Management Trainee	-	-
Susmita Dey	F	GEN	No	Yes Bank	Management Trainee	-	-
Ankita Chakraborty	F	GEN	No	Tripura Info.com	Project Management Coordinator	-	-
Sabana Begam Laskar	F	Minority	No	Levatur Communications Pvt. Ltd.	Business Development Manager	-	-
Ruma Sharma	F	GEN	No	Bankzone	Tele Communicator	-	-

14. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Shibsankar Choudhury	NSS President Award	24/09/2019	Government of India Ministry of Youth Affairs and Sports	-

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF COMMERCE

Head of the Department : Prof. Chinmoy Roy
 Year of Establishment : 1988
 Programmes on offer : M. Com., Ph. D., & PG Diploma in Finance & Taxation
 Intake capacity : M. Com. (84), Ph. D. (as per available vacancy), PG Diploma (30)

Major achievements/ Vision of the Department :

The Department of Commerce was established in the year 1988 under the Faculty Arts & Commerce with a vision of providing excellence in the fields of Commerce by imparting value based education, training and research. Since its inception, the primary aim of the Department has been to make the student diagnose and respond to changes in social realities through development and application of knowledge. The Department aspires towards creating a people centric, ecologically sustainable and just society that promotes and protects dignity, equality, social justice and human rights for all. The aim of the department is to focus on skill based outreach programme that would help the student to serve the society efficiently across the broad range of humanities' challenges in the globalized era. The department is making its utmost effort to make the Department the best place for Commerce education taking together both academics and research activities.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D. Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Prallad Debnath	M. Com., Ph. D.	Professor	Full Time	Accounting, Finance, Management & Entrepreneurship	30	3	3	40	7	-	-
Prof. Chinmoy Roy	M. Com., Ph. D.	Professor	Full Time	Accounting, Finance & Entrepreneurship	25	4	4	40	7	24	2
Dr. Subir Kumar Sen	M.Sc. (Economics), Ph. D.	Assistant Professor	Full Time	Economics of Transport Network, Financial Economics	15	-	4	40	8	5	2
Dr. Joy Das	M. Com. (Finance), Ph. D.	Assistant Professor	Full Time	Finance	11	-	3	50	8	3	1
Dr. Rajat Deb	M. Com. (Accounting, MBA (Finance), Ph. D.	Assistant Professor	Full Time	Accounting & Finance	12	-	2	45	8	36	3

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Books:

Main Author	Co- Authors	Title	Local/National/ International	Publishers	Year (2019-20)	ISBN
Prof. Chinmoy Roy	Dr. Sujit Das (First author)	Fund Management in Cooperative banks	National	Akhand Publishing House, New Delhi	2020	ISBN-13:978-81-945367-1-0

2.2 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Dr. Joy Das	Animesh Bhattacharjee	Examining the Nexus between Indian and U.S. Stock Market: A Time Series Analysis	Dr. Narayan D. Arundhekar;	Emerging Trends Of Research In Commerce And Social Sciences	National	Shanlax Publications	Feb, 2020	978-93-89658-63-7	242-251

2.3 Full Papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Prof. Chinmoy Roy	Pranesh Debnath (First author)	Gender Diversity in Corporate Governance and Earnings Management: An Indian Panorama	National	Journal of the Gujarat Research Society	21 (3)	2019	0374-8588	31-44
Dr. Joy Das	Dr. Parag Shil	Commercial Banks in Indian Mutual Fund Industry: A Study on Profitability of Banks Vis-à-vis Their Mutual Fund Business	National	The Indian Economic Journal	66 (1-2)	2019	DOI: 10.1177/0019466219864467	89-99
	Animesh Bhattacharjee	Environmental Reporting—An Evaluation of the Sustainability Performance of BHEL	National	Journal of Commerce & Accounting Research	9 (1)	2020	2277-2146	6-12
	Animesh Bhattacharjee & Madhu Kumari	The Relationship between Stock Prices and Accounting Variables: Evidence Based on BSE Listed Cement Companies	National	Indian Accounting Review	24 (1)	2020	0972-1754	15-24
Dr. Rajat Deb	T. Paul, J. Debbarma & K. S. Chakraborty	Breaking the Stigma of Health Insurance	National	Management and Labour Studies [Journal of XLRI, Sage Publications] (UGC CARE Listed)	45(1)	Jan, 2020	2321-0710	54-84

A. Mahato	Farm Loan Waivers and Tax Payers' Morale: A Dilemma	National	International Journal of Business Ethics in Developing Economies	8(2)	Dec, 2019	2278-3172	29-33
R. Debnath & P. K. Mahato	GST Perceptions	National	Journal of Commerce & Accounting Research	9(1)	Jan-Mar, 2020	2277-2146	36-50
R. Debbarma & K. S. Chakraborty	Relevance of Government Audit: Evidence from Tripura	National	Indore Management Journal [Journal of Indian Institute of Management, Indore]	12(1)	Jan-Jun, 2020	0935-153	-
-	Influence of Mobile Apps on Household Saving-Spending Behavior	National	NMIMS Management Review (UGC CARE Listed)	XXXVII (2)	April, 2020	0971-1023	68-81
-	Financial Literacy: A Brief Systematic Literature Review	National	NMIMS Journal of Economic and Public Policy	5(2)	April, 2020	-	60-70

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. Prallad Debnath	Teacher	0	0	0
Prof. Chinmoy Roy	Teacher	0	0	0
Dr. Subir Kumar Sen	Teacher	0	0	0
Dr. Joy Das	Teacher	1	2	0
Dr. Rajat Deb	Teacher	2	2	0
Mr. Sankar Debnath	Research Scholar	0	0	0
Mr. Bankim Debbarma	Research Scholar	0	4	0
Mr. Animesh Bhattacharjee	Research Scholar	2	7	0
Mr. Sourav Chakraborty	Research Scholar	1	2	1
Mr. Mukesh Nepal	Research Scholar	1	2	1
Mr. Mahesh Dahal	Research Scholar	0	3	0
Mr. Dinesh Dharnal	Research Scholar	0	1	0
Ms. Rupa Debbarma	Research Scholar	0	0	0
Ms. Madhu Kumari	Research Scholar	1	4	1
Mr. Manik Chakraborty	Research Scholar	0	0	0
Mr. Harsanglian Halam	Research Scholar	0	1	1
Mr. Nirmal Reang	Research Scholar	0	0	0
Mr. Juhendra Debbarma	Research Scholar	0	0	0
Mr. Mrinal Chowdhury	Research Scholar	0	0	0
Mr. Ashit Das	Research Scholar	0	0	0

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Subir Kumar Sen	Guwahati	26.11.2019	NIRDPR-NERC, Guwahati	"Statistical Methods in Rural Research" in the Training Programme on "Research Methods in Rural Development"
	Agartala	08.11.2019	Department of Information Technology, Tripura University	"Basics of Statistics using R" in the 2nd One-Week National Workshop on Emerging Tools and Technologies in Research
	Burdwan	14.01.2020	Department of Commerce, The University of Burdwan	"Socially responsible business practice in SMEs" in the UGC-STRIDE Workshop under Component3 on "Socially Responsible Business Practices: Analysis of the Indian Scene".
	Agartala	12.02.2020	Department of Information Technology, Tripura University	"Basics of R- Programming" in the 5 Days National Workshop on Data Science and Data Mining
Dr. Joy Das	Agartala	02.09.2019	Youth Affairs and Sports Department, Government of Tripura, Tripura	"Exploring E-Marketing Avenues" in the <i>Residential Training Program on Youth Employability Skills, Leadership and Personality Development</i>
	Agartala	27.09.2019	Bamboo and Cane Development Institute, West Tripura, Tripura	"Marketing Strategies" in the <i>Residential Training Program on Bamboo Handicrafts and Machinery Processing</i>
	Agartala	28.11.2019	Bamboo and Cane Development Institute, West Tripura, Tripura	"Marketing Strategies" in the <i>Residential Training Program on Bamboo Handicrafts and Machinery Processing</i>
	Agartala	06.02.2020	RUDSETi	"Business Plan Preparation" in the <i>EDP on PMEGP</i>
	Agartala	20.02.2020	RUDSETi	"Accounting and Book-keeping" in the <i>EDP on PMEGP</i>
	Agartala	04.03.2020	Tripura University	"Formulation of Budget" in the <i>State Level Workshop on Gender Budgeting for Gender Equality in Rural Areas</i> jointly organized by the National Institute of Rural Development and Panchayati Raj, North Eastern Regional Centre, Ministry of Rural Development, Government of India and Department of Geography and Disaster Management, Tripura University
	Agartala	05.03.2020	Women's Study Centre, Tripura University	Role of Women Entrepreneurs in Economic Development of India
Dr. Rajat Deb	Agartala	21/12/2019	RUDSETi	Lecture on Accounts & Book Keeping, Working Capital Management & Break Even Analysis to the trainees on the training programme on PMEGP.
	Agartala	10/01/2020	RUDSETi	Lecture on Accounts & Book Keeping, Working Capital Management & Break Even Analysis to the trainees on the training programme on PMEGP.
	Agartala	04/02/2020	RUDSETi	Lecture on Accounts & Book Keeping, Costing, Profit & Break Even Analysis to the trainees on the training programme on PMEGP.
	Agartala	03/03/2020	RUDSETi	Lecture on Accounts & Book Keeping to the trainees on the training programme on PMEGP.
	Agartala	03/03/2020	SIPARD	Lecture on Technical & Financial Appraisal
	Agartala	10/03/2020	RUDSETi	Lecture on Project Report Preparation, Launching Formalities, Pitfalls in Setting up an Enterprise
	Virtual	29/05/2020	ESSOT	Lecture on Forms of Business Online Workshop on Entrepreneurship in Micro & Small Sector

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time / Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Rajat Deb	Part time	Expectation Gap Analysis of Corporate Financial Reporting Practices in India	Prof. Prallad Debnath	Awarded
Mr. Pranesh Debnath	Part time	A Study on Contemporary Earnings Management and Corporate Governance Practices in India	Prof. Chinmoy Roy	Awarded
Mr. Bankim Debbarma	Part time	Management of Intermediaries in Life Insurance Corporation of India: A Case Study of Silchar Division	Prof. Prallad Debnath	Public Seminar Completed
Mr. Sukharanjan Debnath	Part time	A study of Small savings and Investment Pattern in Tripura	Prof. Prallad Debnath	Public Seminar Completed
Ms. Rupa Debbarma	Full time	Determinants of Corporate Capital Structure: Evidences from Listed Manufacturing Sector Firms in India	Dr. Subir Kumar Sen	Public Seminar Completed
Mr. Nirmal Reang	Part time	Cost, Revenue and Profit Efficiency Analysis of Indian Manufacturing Sector Firms	Dr. Subir Kumar Sen	Registered
Mr. Sankar Debnath	Part time	Creative Financial Reporting Practices of PSEs in India: Reflections on 'Vital-Betweenness' of Decoration And Representation	Prof. Chinmoy Roy	Course Work Completed
Mr. Animesh Bhattacharjee	Full time	Impact of Domestic Macroeconomic Fundamentals on Stock Market Performance: Evidence from India	Dr. Joy Das	Course Work Completed
Mr. Mrinal Chowdhury	Part time	Spending on R&D and The Growth of PSEs In India: A Study on Reflective Choices	Prof. Chinmoy Roy	Course Work Completed
Mr. Ashit Das	Full time	Working Capital Management Strategies in Public Sector Enterprises: A Study of Cash Flow Sensitivity on Performance	Prof. Chinmoy Roy	Course Work Completed
Ms. Madhu Kumari	Full time	An Enquiry into the Linkage between Domestic and Foreign Institutional Investors and the Factors Affecting Them	Prof. Prallad Debnath	Course Work Completed
Mr. Harsanglian Halam	Part time	Status of Road Transport Network Connectivity: A Study of North Eastern Region of India	Dr. Subir Kumar Sen	Course Work Completed
Mr. Manik Chakraborty	Full time	-	Prof. Chinmoy Roy	Started Course Work

Mr. Juhendra Debbarma	Full time	-	Prof. Chinmoy Roy	Started Course Work
Mr. Sourav Chakraborty	Part time	-	Dr. Rajat Deb	Started Course Work
Mr. Mukesh Nepal	Full time	-	Dr. Rajat Deb	Started Course Work
Mr. Mahesh Dahal	Full time	-	Dr. Joy Das	Started Course Work
Mr. Dinesh Dharnal	Full time	-	Dr. Joy Das	Started Course Work

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
1	25.02.2020	2 hours	White Collar Crime and Professional Scepticism	Popular talk	University Level	90

6.2 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Prallad Debnath	AIMA, IAA, ICA	Life Member
Prof. Chinmoy Roy	AIMA, IAA, ICA, ESSOT	Life Member
Dr. Subir Kumar Sen	ORSI, TIES, AIMA	Life Member
Dr. Joy Das	AIMA, ICA, IAA, IAARF, ESSOT	Life Member
Dr. Rajat Deb	AIMA, ICA, IAA, IAARF, AIMS International, ESSOT	Life Member

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Joy Das	MHRD Approved Two Weeks Online Workshop cum FDP on "Research Methodology"	Indian Accounting Association, South Bengal Branch in collaboration with GAD-Teaching Learning Centre of MHRD	2 Weeks	20-30 June, 2020
Dr. Rajat Deb	2nd One Week National Workshop on Emerging Tools and Technologies in Research	Department of IT, Tripura University	5 Days	5-9 th November, 2019
	FDP on Emerging Business Issues	Department of Commerce, Tezpur University	5 Days	11-15 th May, 2020
	National Level FDP on Research Methodology	Padm. Dr. V. B. Kolte College of Engineering, Malkapur, Maharashtra, India	5 Days	26-30 th May, 2020
	One Week National Level Online FDP on Contemporary Issues in Business Studies	Department of Commerce, Dibrugarh University	6 Days	1 st -6 th June, 2020
	14 Days National Online Faculty Development Programme on 'Data Analysis for Research in Social Sciences'	Ramanujan College (University of Delhi) in association with Indian Accounting Association, NCE Chapter	14 Days	17 th -30 th June, 2020

Online Workshop on Application of Econometrics in Business Research	School of Business and Management, CHRIST (Deemed to be University)	5 Days	23 rd -27 th June, 2020
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7. Major thrust area of research: **Accounting, Finance, Economics & Management.**

8. Teaching Laboratory/ Research Laboratory: NA

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
1	1	0

9. Major Instruments available in the Department:

A Computer lab with 20 No.s of machines with LAN connection.

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Subir Kumar Sen	Nil	ICSSR, New Delhi	A Study of Interrelationship between Surface Transportation Network and Pattern of Commodity Flows in North Eastern Region of India	12 Lakh	4.80 Lakh	2 Years 0 Months

11. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr. Rajat Deb	Amity Excellence Award for Best Faculty in the area of Accounting Research	18-20 th February, 2020	Amity University, Noida	Memento & Certificate

In case of sports, inter university, zonal may also be considered.

12. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Subir Kumar Sen	The University of Burdwan & Tezpur University	Pre-proposal Under Component 3 of UGC-STRIDE on "Socially Responsible Business Practices: Analysis of the Indian Scene" is accepted by the Funding Agency and DPR submitted for consideration	2019-20

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Anup Das	M	SC	No	AXIS BANK	Assistant Manager	Examination and Interview	Banking examination
Anindita Paul	F	GEN	No	Axis Bank	Assistant Manager	Examination and Interview	Banking examination
Chandralikha Sarkar	F	OBC	No	Axis Bank Ltd	Assistant Manager	Examination and Interview	Banking examination
Shantanu Roy Barman	M	GEN	No	Axis Bank Ltd	Assistant Manager	Examination and Interview	Banking examination

Kalyan Debnath	M	GEN	No	Axis Bank Ltd	Assistant Manager	Examination and Interview	Banking examination
Jyoti Sarkar	F	GEN	No	Axis Bank Ltd	Assistant Manager	Examination and Interview	Banking examination
Sangeeta Das	F	GEN	No	Axis bank	BDE	Walk in interview & training	BDE training from Guwahati
Saikat Acharjee	M	OBC	No	Bajaj Finance LTD	Credit Manager	Online interview from Naukari.com	Online selection from Naukari.com
Sukanta Paul	M	GEN	No	Department of Education, Government of Tripura	Graduate Teacher (Secondary)	Written examination	Selection Test for Graduate Teacher (STGT), 2019
Swapan Dey	M	OBC	No	Department of Education, Government of Tripura	Graduate Teacher (Secondary)	TRBT(by examination)	Selection Test for Graduate Teacher (STGT), 2020
Jemmi Barman	F	OBC	No	Department of Education, Government of Tripura	Graduate Teacher (Secondary)	TRBT(by examination)	Selection Test for Graduate Teacher (STGT), 2021
Apurba Bhowmik	M	GEN	No	Link Worker Scheme-SPYM-National Aids Control Organization	M & E Officer Cum Accountant	Written & Personal Interview	None(Examination taken under departmental observance)
Ratna Jyoti Sen	M	GEN	No	NORTH EAST SMALL FINANCE BANK	ASSISTANT MANAGER (SWO)	NESF Walk-In-Interview	NESF RECRUITMENT DRIVE
Salka Debbarma	M	ST	No	ONGC	Junior ACCOUNT (A1)	Computer Based Test	Through CBT (Conducted By ONGC)
Sudip Bardhan	M	GEN	No	Stock holding corporation India limited	DEO(OFFICE ASSISTANT)	Walk in interview & training	Off campus interview
Deep Deb	M	GEN	No	Stock Holding corporation of India limited	DEO	Walk in interview & training	Off campus interview
Susanta Saha	M	GEN	No	Stock Holding corporation of India limited	DEO	Walk in interview & training	Off campus interview
Bishwadip Bhowmik	M	OBC	No	Stock Holding corporation of India limited	DEO	Walk in interview & training	Off campus interview
Biplab Das	M	SC	No	Stock Holding corporation of India limited	BDO	Walk in interview & training	Off campus placement

Sudip Bardhan	M	GEN	No	Stock Holding corporation of India limited	BDO	Walk in interview & training	Off campus placement
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14. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Ms. Madhu Kumari, Research Scholar	5% Topper in MOOC for the Paper Financial Institutions and Markets	2019 July- October Session	NPTEL	
Ms. Madhu Kumari, Research Scholar	1% Topper in MOOC for the Paper Financial Markets and Services	2019 July- October Session	NPTEL	
Ms. Madhu Kumari, Research Scholar	5% Topper in MOOC for the Paper Cost Accounting	2019 July- October Session	NPTEL	

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF ECONOMICS

Head of the Department	:	Prof Ashish Nath (till 09/06/2020) Dr. Indraneel Bhowmik (subsequently)
Year of Establishment	:	1978
Programmes on offer	:	PhD/ PG/ IMD
Intake capacity	:	PG-26; IMD-15

Major achievements/ Vision of the Department :

Being one of the earliest departments of the University the fraternity of the department considers it a privilege to be foremost torch bearer to fulfill the University's motto of Pursuit of Excellence. We take pride in being the first department of Tripura University to be awarded the University Grants Commission's Special Assistance Programme. In 2011-12 we were awarded UGC SAP DRS-I and currently we have been placed in UGC SAP DRS-II. Apart from teaching, the faculty members of the department are actively engaged in research across diverse fields, namely, social sector, health economics, trade, financial economics, industrial economics, agricultural economics, etc.. The faculty members collaborate and associate itself with state, national and international institutions like CUTS International, RBI, ICRIER, CPR, Finance Commission, Planning Commission (now, NITI Aayog), NHM, etc and are active in enhancing the policy framework. Last but not the least, the Department attempts to ensure that the pass-out students are empowered and capable enough to contribute positively to the sector they serve in particular and society at large.

Vision – Engaging in extensive research work by developing data bank and collaborative research activities.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Ashish Nath	Ph.D.	Professor	Full time	Industrial Economics, Regional Economics	25	01	04	03	04	2	1
Paramita Saha	Ph.D.	Associate Professor	Full time	Social Sector Issues, Gender.	30	02	03	04	04	-	-
Jahar Debbarma	Ph.D.	Associate Professor	Full time	Agri. Eco, Rural Development, NE India	24	01	06	-	-	-	-
Indraneel Bhowmik	Ph.D.	Associate Professor	Full time	Agricultural Economics, Labour Economics, NE India	18	01	04	2	3	70	6

Subrabaran Das	Ph.D.	Associate Professor	Full time	Public Finance, Advanced Econometrics,	16		08	3	04	46	4
Salim Shah	Ph. D.	Assistant Professor	Full time	Poverty, Human Capital and Health Economics	16	01	03	03	06	-	-
Dilip Kumar Rana	Ph. D.	Assistant Professor	Full time	Growth, Poverty and Inequality	15	-	-	02	-		

**Must be mentioned*

2. Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Niranjan Debnath	Salim Shah	Multidimensional Poverty in Tripura: An Inter-temporal Analysis	National	Economic & Political Weekly	Vol. LV, No. 2	2020	0012-9976(p) 2349-8846(o)	58
Manisha Karmakar (Ph.D Scholar)	Jahar Debbarma	Socio-Economic Status of Slum Dwelling Women: Case Study on Tripura	National	Intellection Bi-annual Interdisciplinary Research Journal (Peer reviewed), Barak Education Society, Silchar, Assam, India,	Vol:VII	Jan-Jun, 2019	2319-8192	
Pritam Bose	Indraneel Bhowmik, Pradip Chouhan	Determinants of Household Participation in MGNREGS in Tripura	National	Indian Journal of Economics and Development	16 (2)	2020	2277-5412 (p) 2322-0430 (o)	256-263

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Ashish Nath	Teacher	-	01	-
Paramita Saha	Teacher	-	01	02
Jahar Debbarma	Teacher	-	02	-
Indraneel Bhowmik	Teacher	-	01	-
Subhrabaran Das	Teacher	02	02	-
Salim Shah	Teacher	02	01	-
Dilip Kumar Rana	Teacher	-	02	-

PC Nunfela Darlong	Research Scholar	-	01	-
Vanlalrema Kuki	Research Scholar	-	01	-
Kiran Bhowmik	Research Scholar	-	01	-
Prabir Ghosh	Research Scholar	-	01	-
Maumita Deb	Research Scholar	01	01	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
PARAMITA SAHA	Agartala	7 th March, 2020	GAIL, Tripura	International Women's Day Celebration
	Agartala	5 th March 2020	NIRD & Panchaytai Raj and Department of Geography, Guwahati and Disaster Management , Tripura University	
	Agartala	13 th March, 2020	2nd ICSSR-NERC Social Science Congress	Public policy for harnessing the demographic dividend
JAHAR DEBBARMA	Prajna Bhavan, Agartala	9-11 January, 2020	National Conference on "Development and Resilience Among Dalit in India: Towards understanding differences and diversity between and within States"	Factors affecting shifts of Tribal Land Ownership due to Land Transfer and Alienation in Tripura
SUBHRABARA N DAS	Tripura University	March 13, 2020	Department of Economics, Tripura University	Chairing Session in National Seminar
	University of Dhaka, Bangladesh	November 30 - December 1, 2019	Department of Disaster Management and Science, University of Dhaka, Bangladesh	Effective Disaster Risk Reduction Management Through Community Participation Approach – A Way to Sustainable Development
	Gajipur, Bangladesh	December 2, 2019	Bangabandhu Sheikh Mujibar Rahman Agricultural University, Gajipur, Bangladesh	Role of Agriculture in Sustainable Development: A Study in Indian Perspective
	Agartala, Tripura	September 1, 2019	Directorate of Youth Affairs & Sports, Govt. of Tripura	Gender Equity and Women Empowerment
	Tripura University	March 6, 2020	NIRDPR, Guwahati & Department of Disaster Management, Tripura University	Women Empowerment and Gender Development
	Guwahati	October 16, 2019	RIS, New Delhi & NeetiAyog	Localizing SDGs in the North East
SALIM SHAH	University of Dhaka, Bangladesh	29 th Nov. - 1 st Dec. 2019	Department of Disaster Science and Management, University of Dhaka & Oxfam, Bangladesh	An Economic Interpretation of the Indigenous Nature of Coping with Natural Odds and Calamities: the Indian Experience
	Bangabandhu Sheikh Mujibur Rahaman Agricultural University, Gazipur, Bangladesh	2 nd December, 2019	Department of Agricultural Extension and Rural Development, BSMRAU, Bangladesh	"The Economic Issues of Agricultural Extension and Rural Development in India"

	Tripura University	March 5, 2020	NIRDPR, Guwahati & Department of Disaster Management, Tripura University	Women Empowerment and Gender Development
	Acharya Jagadish Chandra Bose College, Kolkata	June 15, 2020	Dept. of Commerce, Acharya Jagadish Chandra Bose College, Kolkata	Indian Economy: Covid 19 and Marginalized People
DILIP KUMAR RANA	Tripura University	5-9 November 2019	Dept. of IT, TU	Basic Statistics

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time / Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Maumita Deb	Part time	Tourism and Economic Growth linkages between India and selected South Asian Countries	Paramita Saha	Registered
Masud Ahmed	Full time	Climate Change Impact on Agriculture (proposed)	Paramita Saha	Registration under process (course work completed)
Manuj Baruah	Full time	Handloom Sector in Assam (proposed)	Paramita Saha	Registration under process (course work completed)
Pradip Chauhan		Labour in Rubber Plantations of Tripura	Indraneel Bhowmik	Awarded
Ariful Hoque	Full time		Subhrabaran Das	Registration under process (course work completed)
Sukanti Roy	Full time		Subhrabaran Das	Registration under process (course work completed)
Kiran Bhowmik	Full time		Subhrabaran Das	Registration under process (course work completed)
Waqr Ahmed	Full time		Ashish Nath	Registration under process (course work completed)
Niranjan Debnath	Full time	Perspectives of Multidimensional Poverty in Northeastern Region of India with special reference to Tripura: An Economic Analysis	Salim Shah	Awarded
Chandra Saha Roy	Full time		Salim Shah	Registration under process (course work completed)
Banalata Saikia	Full time		Salim Shah	Registration under process (course work completed)

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk	International / National	No. of Participants
1	11-13 March 2020	3 days	2nd ICSSR-NERC Annual Social Science Congress	Seminar	National	100

6.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Ashish Nath	Indian Economic Association	Life Member
	North Eastern Economic Association	Life Member
Paramita Saha	North Eastern Economic Association	Life Member
	Indian Association of Women's Studies	Life Member
Jahar Debbarma	North Eastern Economic Association	Life Member
Indraneel Bhowmik	Indian Society of Labour Economics	Life Member
	North Eastern Economic Association	Life Member & Secretary (2 terms)
	Economic Sciences Society of Tripura	Life Member
Subhrabaran Das	The Indian Econometric Society	Life Member
	North Eastern Economic Association	Life Member
Salim Shah	North Eastern Economic Association	Life Member
	Economic Science Society of Tripura	Executive Member
Dilip Kumar Rana	Indian Economic Association	Life Member
	North Eastern Economic Association	Life Member

7. Major thrust area of research: Social sector, Health economics, Trade, Industrial economics, Agricultural economics

8. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Jahar Debbarma	Paramita Saha	Tribal Welfare Department, GoT	To Study on Implementation of Forest Rights Act, 2006 & Its Impact on Indigenous People of Tripura	22 Lakhs	11 Lakhs	24 months
Jahar Debbarma (For Tripura State)		NITI Aayog, New Delhi (Himalayan Region Studies Comprising of 12 States of India)	Enumeration and Valuation of the Economic Impact of Female Labour in the Hills	Yet to be Granted	-	6 months

9. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Awmpuia Darlong	M	ST		Govt. of Tripura	TPSC

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

10. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Sadhan Das	M		No	Govt. of Tripura	Trained Graduate Teacher	Teachers Recruitment Board, Tripura	TET
Awmpuia Darlong	M		No	Govt. of Tripura	TCS -I	TPSC	Civil Service Examination
Dr. Pradip Chouhan	M	OBC		SN University, Kolkata	Assistant Professor	-	-
Dr. Niranjana Debnath	M	OBC		Directorate of Census, Tripura, Gol	Senior Consultant	-	-

11. Any other achievements: EXIM BANK SCHOLARSHIP for 10 Students of PG Final year (Rs. 10000 pa for each)

DEPARTMENT OF EDUCATION

Head of the Department (I/C) : Dr. Subhash Sarkar
 Year of Establishment : 2011
 Programmes on offer : MA, IMD, Ph. D.
 Intake capacity : 20 in MA in Education

Major achievements/ Vision of the Department :

The Department of Education, Tripura University has started its journey on September, 2011 with two faculty members. The department welcomes students not only from Tripura but also from the rest of India. The department focuses on promotion of interdisciplinary teaching, research and extension work. The Department has committed faculties from diverse background and experiences.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Tinku De (Gope)	M.A B.Ed, Ph.D	Assistant Professor (Stage III)	Full time	Teacher Education	23 years (Regular) 4 Years (Part Time)	01	05	-	-	-	-
Dr. Subhash Sarkar	M.A, B.Ed, Ph.D	Assistant Professor (Stage III)	Full time	Psychological foundation of Education, Measurement & Evaluation in Education, Psychology of Intelligence & Creativity.	16years	01	03	41	08	-	-
Dr. Rajendra Prasad (on Lien)	M.A, M.Ed, M.Phil, NET, P.h.D.	Assistant Professor	Full time	Inclusive Education measurement &Evaluation, Educational Technology	08 years	01	04	-	-	-	-
Abhijeet Deb	M.A, NET	Guest Teacher	Class basis	-	-	-	-	-	-	-	-
Goutam Das	M.A, B.Ed, SLET	Guest Teacher	Class basis	-	02	-	-	-	-	-	-

*Must be mentioned

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. Bishnupada Nanda Professor & Head, Department of Education, Jadavpur University, Kolkata	Lectures taught in M.A 1 st & 4 th Semester w.e.f 6 th Sep.2019to 17 th Sep.2019	Department of Education, Jadavpur University , Kolkata

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.1 Books:

Main Author	Co- Authors	Title	Local/National/ International	Publishers	Year (2019-20)	ISBN
Dr. Subhash Sarkar	Nil	Test constructed & Standardized named "School Dropout Causes Scale"	National	Vibhor Gyan Mala.	2019	978-93-83311-92-7
Dr. Subhash Sarkar	Mr. Samrat Sarkar	Test constructed & Standardized named " Emotional Intelligence Scale"	National	H.P. Bhargava Book House.	2019	978-93-86616-51-7

3.2 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Dr. Subhash Sarkar	Nil	Concept of Creativity	Dr. Satish K Kalhotra & Dr. Raihana Malik	Learner and Learning Process	National	Maxford Books, New Delhi	2019	ISBN: 978-81-8116-236-6	281-296

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Subhash Sarkar	Jadavpur University Kolkata	28 th February-1 st March,2020	Jadavpur University	"Counselling Adolscents & their Parents for Differently Abled Children."
Dr. Subhash Sarkar	Government Degree College Teliamura,Tripura	26.9.2019	Government Degree College Teliamura,Tripura	"Motivating Higher Learning Students for Creative and Digital Era "

5. Outreach Footprint of the Department:

5.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1.	17 th September 2019	17 th September 2019	By Prof. Bishnupada Nanda, Department of Education, Jadavpur University on the topic "Abusement and Education of Street Children and Platform Children".	Special lecture cum interaction	Institutional	60
2.	03/02/2020	03/02/2020	By Professor R. S. Yadav Professor (Retd.), Former Dean, Faculty of Education, Kurukshetra University, Haryana, topic: Preparation of research Proposal.	Special lecture cum interaction	Institutional	60

6. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Priyajit Debnath	M	OBC	No	UGC	NET
Abhijit Deb	M	GEN	Yes	UGC	NET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

7. Major thrust area of research : Teacher Education, Psychological foundation of Education, Measurement & Evaluation in Education, Psychology of Intelligence & Creativity.

Any other achievements: 2 students (1 UR male, 1 OBC male) qualified in NET examinations.

DEPARTMENT OF ENGLISH

Head of the Department : Prof Ashes Gupta
 Year of Establishment : 1990
 Programmes on offer : MA, Ph.D, IMD
 Intake capacity : MA: 100 + 15 (from IMD)/ PhD- 32

Major achievements/ Vision of the Department :

For those who aspire to pursue higher academics and research in the area of Literature and Culture Studies, the Department of English takes special care in strengthening the reading base among students of literature by encouraging original thinking and at the same time sharpening their critical and creative abilities.. Each year, a decent number of students clear the UGC NET/SET Examinations and join the Ph.D Programme under the supervision of efficient and qualified departmental Faculty Members. Moreover the department's alumni have consistently proven themselves by getting selected in TCS and TPS Exams. As a part of its responsibility towards the socio-cultural, historical, literary and ethnic heritage of Tripura, the department has always encouraged research in Tripura's Orature and culture. In its roadmap for the future, the department aspires to prepare students for all India Competitive Examinations and establish an Industry-Academic Interface to tackle changing market demands, at the same time nurturing in them the literary and critical acumen that is the hallmark of creative minds at work.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Full time/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Ashes Gupta	PhD	Professor	Full time	Indian English Writing, Popular Literature and Culture , Literary Theory and Criticism , North Eastern Literature and Culture	23 years	00	03-defended Final PhD Viva Voce successfully & awaiting awarding; 01-defended 5 th Six Monthly Progress Report successfully 05- enrolled	02	00	11	03
Prof. Shyamal Das	M.Phil PhD	Professor	Full time	Linguistics Phonology, Morphology, ELT, and Second Language Teaching	32+	1 (Co-guide)	8	60 (Approx.)	62 (Approx.)	Nil	-

Dr Partha sarathi Gupta	M.Phil, Ph.D	Assistant Professor Stage 3	Full Time	Drama Studies, Modern Critical Theory	18	Nil	4	15	7		
Dr. Somdev Banik	M.A., Ph.D.	Asstt Prof, Stage 3	Full time	Post-colonial Fiction and Theory, Indian Contemporary Fiction, Culture Studies	Teaching : 22 yrs Research : 4 yrs Job:16 yrs	1	04	12	-	05	01
Dr Chaitali Gorai	PhD	Asst. Prof	Full time	New Lit.	9 yrs, 5 months		03	12 approx	06		
Dr. Ksh Premchand Singh	M.A., PhD	Assistant Prof, Stage I	Full time	Writings from the Northeast 17 th and 18 th century English literature Literary Theory and criticism	9	0		13	8		
Debarati Das	M. Phil.	Asst. Prof..	Full time	Modern Poetry and Disability Studies	4yrs. 4 months						

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Partha sarathi Gupta	Nil	Towards Syncretism: Resisting Critical Stereotypes in the Study of Contemporary Indian English Drama with Special Reference to Girish Karnad's <i>Broken Images</i>	Arnab Kumar Sinha, Sajalkumar Bhattacharya and Himadri Lahiri	Contemporary Indian English Poetry and Drama	International	Cambridge Scholars Publishing, Newcastle, UK	2019	1-5275-3322-0	179-194
Debarati Das	Rita Banerjee	Enacting Resistance in History and Fiction: Counter-narratives of Tribal Historiography in Mahasweta Devi's Writings	Rita Banerjee	Cultural Histories of India: Subaltern Spaces, Peripheral Genres, and Alternate Historiography	International	Routledge	2020	9780367435318	

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/National/International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Parthasarathi Gupta	NIL	Constructing Postcolonial Pedagogies of Folk: Archiving Oratures of India's North-East through 'Play' and 'Pictures'	National	Sambalpur Studies in Literatures and Cultures, Dept of English, Sambalpur University, Odisha	Series 5	2019	ISSN-2231-5616	23-30
Parthasarathi Gupta	Nil	Book Review: English Studies in India: Contemporary and Evolving Paradigms	International	Asiatic: IJUM Journal of English Language and Literature	Vol 14 Issue I	2020 (June)	ISSN-1985-3106	326-329

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Contemporary Research and Emerging Issues of Northeast India: Anthropology and Beyond : Mr. Benjamina Darlong	Research Scholar		01	-
Ms. Gitanjali REoy	Research Scholar		01	-
Ms. Merelin Darlong	Research Scholar		01	-
Parthasarathi Gupta	Assistant Professor, Dept of English, Tripura University		01 (4-day Translation Workshop organized by the Sahitya Akademi, at Agartala from 9 th to 12 th August 2019	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Parthasarathi Gupta	M.B.B College, Agartala	3.8.2019	M.B.B College, Agartala	Girish Karnad and the Theatre-of-Roots Tradition
Parthasarathi Gupta	Invited Online Lecture organized by the PG Dept of English, Sambalpur University, Odisha	29.5.2020	Sambalpur University, Odisha	The Bliss of Rasa and Dhvani: Tracing the Roots of "Proper Pleasure" in Indian Aesthetics
Parthasarathi Gupta	Invited Webinar Lecture for the Dept of English, Raghunathpur College, Purulia, West Bengal	22.6.2020	Raghunathpur College, Purulia, West Bengal	The Text and the Outside: Conflicting Strains in Marxist and Formalist Approaches to Literature

Parthas arathi Gupta	Invited Speaker for the One Week National Level Faculty Development Programme (FDP) on Green Literature: A Novel Trend in Criticism	30.6. 2020	Sourashtra College (Autonomous): Affiliated to Madurai Kamraj University, Madurai	Uniting the "Estranged": Literature and India's Evolving Social Ecology
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5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ms. Subhra Roy	Part Time	Reconfiguring the self-other dichotomy: An interrogation of the issues of Naga nation and identity in the works of Easterine Kire Iralu	Prof. Ashes Gupta	PhD Final Viva Voce successfully defended
Ms. Emily Sharma	Part Time	Interrogating Feminism in Indian perspective: Issues of theory and praxis.	Prof. Ashes Gupta	PhD Final Viva Voce successfully defended
Mr. Benjamin Darlong	Part Time	Oration and Tradition: A study of Darlong Folktales and Folk songs	Prof. Ashes Gupta	Summary of Results defended
Ms. Sukla Singha	Part Time	Analyzing and situating English Poetry of the North-East towards the formulation of an alternative canon: Problems and issues with reference to select poets and texts.	Prof. Ashes Gupta	PhD Final Viva Voce successfully defended
Ms. Gitanjali Roy	Part Time	Text-performer-performance triangulation: a study of digital life in select texts of digital literature	Prof. Ashes Gupta	Registered and defended 5 th Six Monthly Progress Report successfully. Summary of Results to be submitted
Ms. Ishani Roy Barman	Full Time	Graphic Novels of Sarnath Banerjee(Broad Area)	Prof. Ashes Gupta	Completed Coursework
Ms. Merelin Darlong	Part Time	Darlong Culture (Broad Area)	Prof. Ashes Gupta	Completed Coursework
Mr. Anand Dayal Jamatia	Full Time	Jamatia Folklore (Broad Area)	Prof. Ashes Gupta	Completed Coursework
Mr. Riddhidipan Das Gupta	Full Time	Culture and Literature (Broad Area)	Prof. Ashes Gupta	Coursework ongoing
Ms. Samarpita Dey	Part Time	Childrens' Literature (Broad Area)	Prof. Ashes Gupta	Coursework ongoing
Ms. Rashmi Debbarma	Full time	Under preparation	Prof. Shyamal Das	Course work completed
Ms. Elizabeth Chakma	Full time	Under preparation	Prof. Shyamal Das	Course work completed
Mr. Debasish Acharjee	Full Time	The Pedagogy of Select Soft Skills in English Literature as a Means of Learner Empowerment	Dr. Somdev Banik	Registered
Mr. Rati Mohon Tripura	Full Time	Animism & Oral Traditions in Tribal Religion in Tripura	Dr. Somdev Banik	Completed Coursework

Ms.Patriot Debbarma	Part Time	Women as represented in Selected Kokborok literary forms in Tripura	Dr. Somdev Banik	Completed Coursework
Ms. Indrani Bandyopadhyay	Part time	Travel writing in Bengal	Dr Chaitali gorai	Registered
Ms Priyadarsini Ganguly	Full time	Haruki Murakami	Dr Chaitali gorai	Registered

6. Outreach Footprint of the Department:

6.1 Interaction with Industry/ NGO / Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1	Prof. Ashes Gupta	Tripura Tourism Development Corporation (A Govt. of Tripura Undertaking) Member of Committee Constituted for Finalization of the Content of Tourism Promotional Materials	Swetmahal, Palace Compound, Agartala, Tripura	no	nil	nil

6.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
PROF. ASHES GUPTA	NORTH EAST WRITERS' FORUM (NEWF)	EXECUTIVE MEMBER

7. Major thrust area of research: Eastern and Western traditions of Mysticism in Literature, Teaching of English Language and Literature in Classrooms of Tripura: Pedagogical Innovations, North Eastern Literature and Culture, Popular Literature and Culture

8. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ ST/SC/ OBC/EWS/MIN)	PH (Yes /No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/ SSC/ UPSC/TPSC/Others/ SWT*/SWO**)
Mr. Riddhidipan Das Gupta	M	Gen	No	UGC NTA	UGC NET JRF
Ms. Sunanda Kar	F	Gen	No	UGC NTA	UGC NET
Mr. Vishal Sinha	M	Gen	No	UGC NTA	UGC NET JRF
Ms. Amilie Basak	F	Gen	No	UGC NTA	UGC NET
Mr. Molin Das	M	SC	No	UGC NTA	UGC NET
Ms. Rebecca Debbarma	F	ST	No	UGC NTA	UGC NET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

DEPARTMENT OF FINE ARTS

Head of the Department : Mukulendu Pathak
 Year of Establishment : 2009
 Programmes on offer : MFA(Painting), MFA(Sculpture), Phd
 Intake capacity : MFA(Painting) - 16, MFA(Sculpture) – 10 , PhD – on availability

Major achievements/ Vision of the Department :

The Department of Fine Arts was established in the year 2009 with a vision of giving the students of fine arts a scope of higher study and research in the north eastern region of India. At present, it is developed as one of the important centre to study fine arts in NER and getting students from most of the NER states and also from other states like West Bengal & Bihar. The department is offering the degree MFA (Master in Fine Arts) in Modeling & Sculpture and Drawing & Painting. It is also running PhD program. Faculties of this department have research projects from different funding agencies. Faculty members are participating regularly in different national & international exhibitions, workshops, seminars etc.

1. Faculty Members : 04

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Mr. Mukulendu Pathak	MFA	Assistant Professor	Full Time		10 years	-	-	30	02	-	-
Dr. Rajesh Bhowmik	Ph.D.	Associate Professor	Full time	Arts and Crafts	T- 18 yrs R – 15 yrs	NA	06	42	03	-	-
Mr. SubrataDey	M.F.A	Assistant Professor	Full Time	Anthropomorphic forms in Indian art	10 yrs	-	-	-	-	-	-
Mr. SisirThapa	MFA Sculpture	Assistant Professor	Full Time	Sculpture, Subjective Landscape	3 Years 6 Months	-	-	-	3	-	-

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. Shreyasi Chatterjee	History of Modern Art	RabindraBharatiUniversity, West Bengal

3. Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Page No.
Mandira Dasgupta (Research Scholar)	-	The Study of the Late Mediaeval Temple Architecture of Tripura (The North-Eastern States of India) - A Study Evolved Due to the Multi-Cultural Assimilation During the Manikya Period	International	Journal of Advanced Research in Social Sciences http://doi.org/10.33422/jarss	Vol 2i4.251	2020	http://doi.org/10.33422/jarss	31-39

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Subrata Dey	Assistant Professor	-	Workshop- 1 Exhibition-2	-
Sisir Thapa	Assistant Professor	-	Workshop- 1 Exhibition-2	-

5. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
02	01	01

6. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Rajesh Bhowmik	NIL	ICHR	The Royal and Court Paintings of Tripura	2,50,000/-	2,50,000/-	2(two) years

DEPARTMENT OF HINDI

Head of the Department/In-charge	: Dr. Kali Charan Jha
Year of Establishment	: 31 st March, 2006
Programmes on offer	: IMD, M.A., PGDT(H), Ph.D.
Intake capacity	: M.A. – 25, PGDT(H) – 30, Ph.D.- As per availability of seats

Major achievements/ Vision of the Department :

The Department of Hindi aims to provide teaching and research facilities in Hindi language & Literature, keeping in view the changing social norms, communication patterns, different social roles of language in our society and fast changing social values in our time. While drawing up the PG, PGDT (H) & Ph.D. Course work Syllabus, sufficient care has been taken to cater to the above needs. It has been kept flexible enough to incorporate various requirements of the students in the context of contemporary society. Special attention is also given to the regional/North Eastern and comprehensive studies of language, literature and culture. In brief the Department of Hindi, TU has following future plans to strengthen itself:

- To build the department into a Highest Centre of research and teaching in Hindi.
- To attract students from different parts of the Country.
- To submit proposal to UGC for the grant of SAP.
- To provide avenues for capacity building to increase employability of the students.
- To open more Specialization.
- To encourage contemporary field for research.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
1. Dr. Vinod Kumar Mishra	MA/ MPhil/ Ph.D	Professor	Full Time	Bhakti Sahitya	On Deputation	01	N A	NA	NA	NA	NA
2. Dr. Milan Rani Jamatia	M.A /Ph.D/ NET/JRF	Assistant Professor	Full Time	LokSahitya	16 Years & 06 Months	01	04	05	NA	NA	NA
3. Dr. Kali CharanJha	M.A/ M.Phil/ Ph.D/ NET/JRF	Assistant Professor	Full Time	Modern Hindi Poetry & Hindi Novel	12 Years & 02 Months	NA	04	05	NA	NA	NA
4. Dr. Jai Kaushal	M.A/ M.Phil/ Ph.D	Assistant Professor	Full Time	Katha Sahitya, LokSahitya	On Lien	NA	04	NA	NA	NA	NA
5. Dr. Manoj Kumar Maurya	M.A/M.Phil/ Ph.D/ NET	Assistant Professor	Full Time	Hindi Katha Sahitya, Hindi Alochana	03 Years & 08 Months	NA	04	05	NA	NA	NA

*Must be mentioned

2. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended			
		International	National	Institution Level	
1. Dr. Kali Charan Jha	Teacher	04	06	-	NB: Including Webinar
2. Dr. Manoj Kumar Maurya	Teacher	Nil	03	-	NB: Including Webinar
3. Aarti Sharma	Research Scholars	14	32	02	NB: Including Webinar
4. Pasang Ruku	Research Scholars	07	07	-	NB: Including Webinar
5. Aarti Kumari	Research Scholars	02	04	-	NB: Including Webinar
6. Vivekanand	Research Scholars	10	36	02	NB: Including Webinar
7. Rinki Kumari	Research Scholars	02	04	-	NB: Including Webinar
8. Lili Debbarma	Research Scholars	01	02	-	NB: Including Webinar
9. Om Prakash Jha	Research Scholars	01	01	-	NB: Including Webinar

3. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Dr. Kali Charan Jha	Tripura	16-12-2019	HSY/MHRD/GOI	“Computer KaSamanyaParichayAurUsakaMahatwa”
Dr. Kali Charan Jha	Tripura	06-01-2020	TU	“Bihar: AitihāsikEvamSanskritikParichaya”
Dr. Kali Charan Jha	Darbhanga	23-06-2020	C. M. Sc. College	“RashtriyaEkataKeVikas Men SamanwitLokSanskritiKaYogdan (Sandarbh: Tripura, Meghalaya Evm Bihar)”
Dr. Manoj Kumar Maurya	Agartala	13-09-2019	ONGC,	“VaishwikParidrishya Men Hindi”

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Anuradha Debbarma	Part Time	Samkalin Hindi Tatha Kokborok Kahaniyon Ka Pravrittigat Vivechan	Dr. Jai Kaushal	Awarded
Jamuna Debnath	Part Time	Chitra Mudgal Ke Katha Sahitya Me Stree Asmita	Dr. Milan Rani Jamatia	Awarded
Pooja	Full Time	“Hindi Ke Katha Sahityik Itihas Men Allahabad: Biswin Sadi Ka Poorwarddh (1901-1950)	Dr. Milan Rani Jamatia	Registered

Pasang Ruku	Full Time	“Arunachal Pradesh Ke Bokar Janjati Ke Lokgeeton Ka Sankalan, Anuvad Evam Sanskritik Anushilan”	Dr. Milan Rani Jamatia	Registered
Vivekanand	Full Time	“Rajendra Yadav Ke Upanyason Men Nari-Asmita”	Dr. Kali CharanJha	Registered
Om Prakash Jha	Part Time	“Nagarjun Ke Upanyason Men Lok-Sanskriti”	Dr. Kali CharanJha	Registered
Aarti Sharma	Full Time	“Nand Kishore Acharya Ke Natakon Ka Samajshhastriya Adhyayan”	Dr. Manoj Kumar Maurya	Registered
AartiKumari	Full Time	“Ramesh Chandra Shah KaAlochna Karm”	Dr. M. K. Maurya	Registered

5. Outreach Footprint of the Department:

5.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/Symposia Lecture/ Talk	International/ National	No. of Participants
1.	27-28 September, 2019	02 day	Purvottar Bharat Ka Bhakti Sahitya	Seminar	National	100
2.	18-19 November, 2019	02 day	North East Indigenous Writers Meet	Conference	National	100
3.	20 th February, 2020	01 day	‘Chhayawad Aur Hindi Kavita’	Special Lecture	NA	56

5.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
1. Dr. Manoj Kumar Maurya	Refresher Course	HRDC/ASC/Allahabad	Two Week	20-08-2019 to 02-09-2019

Major thrust area of research:: LokSahitya, SamakalinSahitya, Adivasi Vimarsh, Katha Sahitya, Dalit Sahitya, Modern Hindi Poetry, Hindi Novel, Cinema.

6. New initiatives/Innovations: NA

7. Major Instruments available in the Department: NA

On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Milan Rani Jamatia	Dr. Jaikaushal	TRI, Govt. of Tripura, Agartala	Mapping with respect to Chaimal, Khasia, Lepcha, Bhutia & Uchai Tribes in Tripura- focusing on habits, resource.... health, education and housing status etc...	3,00,000	2,40,000	6 th Months
Do	-	Kendriya Hindi Sansthan, Agra-04	JamatiaLok-Sahitya	1,00,000	50,000	6 th Months

DEPARTMENT OF HISTORY

Head of the Department : Prof. Sukhendu Debbarma
 Year of Establishment : 1977
 Programmes on offer : IMD, MA, Ph.D.
 Intake capacity : IMD-20, MA-80, Ph.D.- as per vacancy

Major achievements/ Vision of the Department :

The Post-graduate classes in History first started in March 1976 in the P. G. Wing of MBB College, Agartala. The Calcutta University Post Graduate Study Centre (CUPG Centre) came into being in 1977, with a single student in the Department of History. In 1987 CUPG centre was converted into Tripura University. At first, the Department of History was known as the Department of Modern History under Calcutta University. Later on, with the establishment of Tripura University on 2nd October, 1987, the Department was renamed as the Department of History with its own syllabus. In 1997, the Department revised its syllabus with Part-I & Part-II system. In 2004, the syllabus was further revised as per UGC guidelines with unit system. And after conversion to Central University, a semester system was introduced in the Department from the academic session 2008. The Department endeavours to organize Seminars / Workshops / Popular lectures etc. The faculty members and research scholars of the department are engaged in various research activities. Students who are particularly interested in teaching and research are encouraged to prepare for UGC- NET exam as well as SLET. The department is planning to apply for the UGC SAP as part of the major research thrust in history to promote research in the department. At present the Department has 6(six) regular Faculty members and 01 (one) non-teaching staff.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Full time/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Satydaeo Poddar	Ph.D.	Professor	Full Time	Gandhi, North East India	30	05	05	-	-	-	-
Prof. Sukhendu Debbarma	Ph.D.	Professor	Full Time	Modern India/ History of Northeast India	25	02	01	-	-	1236	06
Dr. Monisankar Misra	Ph.D	Assistant Professor	Full Time	History of natural calamities, Modern Tripura	16	-	04	-	-	-	-
Dr. Lincoln Reang	Ph.D	Assistant Professor	Full Time	History of Modern India & Tripura	13	-	01	-	-	-	-
Dr. Roshani Rai	Ph.D.	Assistant Professor	Full Time	History of Modern India: Jawaharlal Nehru & Women Studies	10.6	-	01	-	-	-	-

Dr. Bidisha Dhar	Ph.D	Assistant Professor	Full Time	History of Modern India; specialization: Labour, Gender and Economic History	4.5	-	01	-	-	-	-
Dr. Nishikant Kolge	Ph.D	Assistant Professor	Full Time	On lien							
Smti. Astamika Sinha	MA, SLET	Guest Teacher	Guest	-	-	-	-	-	-	-	-

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1. Books:

Main Author	Co- Authors	Title	Local/ National/ International	Publishers	Year (2019-20)	ISBN
-	Dr. Lincoln Reang	Plural Voices, Varied Perceptions: The Reangs of Tripura (Women & Tribal Customary Law Series Vol.5)	National	North East Social Research Centre (NESRC), Guwahati	2019	978-81-938785-8-3

2.2. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Magazine	Volume	Year (2019-20)	ISBN/ DOI	Page No.
Prof. Satydaeo Poddar	-	Meitei State of Manipur: MeidinguKhag emba's Theory of Kingship	National	39 th Proceedings of North East India History Association,	-	2020	2349-753X,	121-130
Dr. Bidisha Dhar	-	Perspectives on Work, Home and Identity from Artisans in Telangana: Conversations Around Craft.	National	The Book Review	Volume XLIV Numbers 2-3 February-March 2020	2020	-	-

3. Conference/ Seminar/ Workshops/ Summer-Winter schools attended by Teacher/ Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. SatydaeoPoddar	Teacher	-	02	-
Dr. Monisankar Misra	Teacher	-	01	-
Dr. Lincoln Reang	Teacher	-	01	-
Dr. BidishaDhar	Teacher	02	01	-
Smti. Susmita Banerjee	Research Scholar	-	01	-

4. Invited as Visiting Faculty/ Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Invited Talks / Visiting Faculty	Place	Date	Organization	Title of Invited talk
Prof. Satydaeo Poddar	Chaired a technical session in the 40 th Annual Conference of North East India History Association	Karmashree Hiteswar Saikia College, Guwahati	24th-26th October, 2019	40th Annual Conference of North East India History Association	Chaired a technical session in the 40 th Annual Conference of North East India History Association
Prof. Satydaeo Poddar	Delivered a key note address on the occasion of the observance of Vigilance Awareness Week	Tripura University.	2019 (October)		A key note address on the occasion of the observance of Vigilance Awareness Week
Prof. Sukhendu Debbarma	Guest of Honour for the celebration of 42 nd Kokborok Sal 2020	Maharaja BirBikram University, Agartala.	20 th January, 2020	Maharaja BirBikram University, Agartala.	The importance of Language with reference to Kokborok.
Prof. Sukhendu Debbarma	Two Week Refresher Course entitled "Advanced Methods in Teaching and Research"	Tripura University	12 th February' 2020.	Faculty Development Centre (FDC), Tripura University	Oral Tradition: Folk Tales and its Significance in understanding the Kokborok Speaking society of Tripura
Prof. Sukhendu Debbarma	Two Week Refresher Course entitled "Advanced Methods in Teaching and Research"	Tripura University	14 th February' 2020.	Faculty Development Centre (FDC), Tripura University	Chaired a Session on History and Rural Studies.
Dr. Monisankar Misra	Invited lecture	Government Degree College, Khumulwng	1 st October' 2019	Government Degree College, Khumulwng	Economic Thought of Mahatma Gandhi
Dr. Lincoln Reang	Invited lecture	Government Degree College, Santirbazar	25 th November' 2019	Government Degree College, Santirbazar	Tribal Movement in Tripura with Special Reference to the Reang Uprising of 1942-43

5. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Satyadeo Poddar	North East India History Association	Permanent
Prof. Sukhendu Debbarma*	North East India History Association	Permanent
	Mizo History Association, Aizawl	Life Member
Dr. Monisankar Misra	North East India History Association	Permanent
Dr. Lincoln Reang	North East India History Association	Permanent

*Member, Advisory Committee, Indira Gandhi National Centre for the Arts (IGNCA) – North East Regional Centre (NERC), Guwahati

* Member, Advisory Committee, Indian council of Historical Research (ICHR), North East Regional Centre (NERC), Guwahati

6. Major thrust area of research:

History of Tripura, Gandhi and National Movement, State formation, Students Movement in Tripura, History of North-East India, History of Disasters

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Head of the Department	: Sri Sunil Kalai
Year of Establishment	: 2009
Programmes on offer	: 1. MA in Journalism and Mass Communication, 2. IMD in Journalism and Mass Communication 3. PhD in Journalism and Mass Communication
Intake capacity	: MA-20, IMD-10, Ph.D.-Depends on Vacancy

Major achievements/ Vision of the Department :

Apart from educating the students to take up a challenging career in Journalism and Mass Communication discipline, the Department emphasizes research and documentation of Art and Culture of the untapped territory of the State of Tripura both in Print as well as Video Production. A decade of existence may be a small period in the life of an academic department, nevertheless, the Department of Journalism and Mass Communication, Tripura University has been striving to contribute in the domain of knowledge and fill the existing gap in the skilled-trained manpower for the media profession in the State. With our course curriculum, hands-on – experience and exposure to the profession we are sure the relevance of our Department will definitely add to the growing demand in the sunrise sector of media boom in the national scenario. The Department of JMC will emerge as a nodal institution in the NE India to tap the creative potentialities of the students and deliver a skill based employability quotient in the fast shrinking job market scenario of the country.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Deepak Upadhyaya	M.A.in Mass Communication and Journalism, Ph.D in Mass Communication and NET in Mass Communication	Assistant Professor	Full time	Climate Change Communication, Social Media Addiction	11	01	04	25	10	-	-
Sri Sunil Kalai	M.Sc. in Visual Communication, NET in Mass Communication	Assistant Professor	Full time	Cinema and culture, visual communication	11	-	-	100	10	-	-

*Must be mentioned

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. B.Diwakar	Film appreciation, Communication Research	AJMK Jamia Milia Islamia, New Delhi
RK Lilapati Devi	Communication Resaerch, New Media	Manipur University, Imphal

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Deepak Upadhaya	Teacher	International =2	National=3	Institutional=4
Sunil Kalai	Teacher	International=4	National =2	Institutional=4
Priyanka Deb Burman	Research Scholar	International=1	National=3	Institutional=4
Sayantani Roy	Research Scholar	International=5	National=4	Institutional=4
Rochelle Ann Lepcha	Resaerch Scholar	International=2	National=4	Institutional=5

4. Outreach Footprint of the Department : Involved in Documentation of folk tales and cuture of Tripura

4.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	25.11.19 - 10.12.19	15 days	Workshop on Film Production and Lighting Techniques	Workshop conducted by Prof. B.Diwakar	National	40
2	11.12.19- 18.12.19	One week	Film Appreciation	Workshop conducted by Sri Sunil Kalai	National	26
3	25.02.2020	One day	Releasing Ceremomy of Three Kokborok Short Films-Kwtam Koloma made by Sri Sunil Kalai	Conference was attended by Sri Jishnu Dev Barman, Deputy Chief Minister and Sri Mevar Kumar Jamati, Forest Minister, Govt of Tripura	National	160

4.2 Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs:

Sl. No.	Faculty Names	Title of E-Content	No. of Hours	Available or Not
1	Deepak Upadhyaya	JNU-WETM-III Online Assessment and Evaluation	8 hours	yes
2	Sunil Kalai	AKJMRCR Online Film Production Techniques	8 hours	yes

4.3 Interaction with Industry/ NGO / Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1	Sri Sunil Kalai	SoFED	Agartala	No	-	01

4.4 Interaction with Industry/ NGO / Govt. Organization :(For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
JMC	SIPARD	-	Internship
JMC	Centre for Media Studies	-	Internship
JMC	Guwahati International Film Festival	-	Traning Programme

4.5 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Sri Sunil Kalai	Economic Science Society of Tripura (ESSOT)	Life Member
Sri Sunil Kalai	The Asian Media Information and Communication Center(AMIC), Singapore	Life Member
Dr. Deepak Upadhyaya	Media Wing Rajyoga Education and Research Foundation, Rajasthan	Life Member

4.6 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Deepak Upadhyaya	FDP	Ramanujan College, Delhi	Seven days	07/07/2020-14/06/2020
Sunil Kalai	FDP	AJKMCRC, Delhi	Seven days	01/05/2020-07/05/2020

5. Major thrust area of research:

Participatory documentary film production, Communication for social development and changes, New Media. The Department emphasizes research activities and documentation of Art and Culture of the untapped territory of this region both in Print as well as Video Production.

6. New initiatives/Innovations:

- Proposing to start B.Voc Course in Photography
- Proposing to start Kokborok Film and Cultural Research Centre
- Proposing to start Media and Northeast Studies Centre
- Collaboration with more Industries & Organizations in media sector
- Preparing courses on E–Learning and MOOC for JMC courses

7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
1	1	

8. Major Instruments available in the Department:

- Canon DSLR(Model: EOS 5D Mark-IV) with Lens(Model:EF:24-105 mm IS II USM)
- GoPro HERO4 4k Action Camera
- Super 5-in1 Collapsible Photo Light Reflector(100 x 150 cm)

- Canon BG-E20 Battery Grip for EOS 5 D Mark IV Camera
- Battery for Camera (Model No- BM Premium 2 LP-E6 LP E6N) Charger for Canon Camera EOS 5D, Mark IV.
- 256 GB CF Card
- Manfrotto Tripod(Model No-MVH502A)
- Lens(Model No-MP-E65mm f/2.81-5 macro)
- Lens(Model No- EF50mm, f/1.2L usm)
- Lens(Model No- EF 180mm, f/3.5 macro usm)
- Video camera smooth slider Dolly rail for DSLR
- Sony Digital HD Video Camera Recorder with (Model- HVR-Z5P) accessories
- I Mac 21.5 inch (Model: MF086)
- Mac Pro (Model: ME 253HN/A)
- Cannon DSLR EOS 7D
- Lens EF -570-300 MM
- Lens 18-135 MM
- Canon EOS 50 D+ Lens EF 14 MM
- Lens EF-570-300 MM
- Sony Camera DCR SD 1000E
- Tripod SLIK OPTO
- Tripod Unit for Camcorder (Manufactured by : Manfrotto, Model: 701HDV, 547B)
- Info Lithium battery for 6 hrs. back up (Manufactured by Sony, Model: NP-F970)
- Memory Recording Unit (Widely available standard CF card is used for HDV, DV CAM, DV file Recording) (Manufactured by: Sony, Model: HVR-MRC1K)
- Carrying case for Camcorder
- Ahuja 14 Channel Digital Sound Mixer (Model: AMX-1412)
- Ahuja Sound Monitor (Model: SRM 120)
- Ahuja Condenser Microphone (Model: CUM 450)
- Ahuja Dynamic Microphone (Model: PRO 3200)
- Ahuja Omni Directional Microphone (Model: SHM-1000 DR)
- More new equipment are awaited

9. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Sri Sunil Kalai	Tribal Research and Cultural Institute, Govt. of Tripura	By way of funding project for documenting selected folk tales of Tripura	Sri Sunil Kalai

10. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Ms Rochelle Ann Lepcha	F	ST	No	UGC NTA NET	UGC JRF

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

11. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Sohail Hussian	M	MIN	No	Calcutta University	-	-	BEd
Manti Debbarma	F	F	No	Calcutta University	-	-	BEd
Binita Debbarma	F	F	No	Calcutta University	-	-	BEd

DEPARTMENT OF KOKBOROK

Head of the Department : Prof. Sukhendu Debbarma (Head I/C)
 Year of Establishment : 2015
 Programmes on offer : MA, PhD.
 Intake capacity : 60

Major achievements/ Vision of the Department :

The Department of Kokborok started from the session 2015-16. The vision of the Department is to take up research on Kokborok language and literature and to document endangered languages of Tripura. The languages and literatures of other tribal languages of Tripura will also be given thrust. At the same time to do comparative research on Kokborok and sister languages such as Bodo, Garo, Dimasa, Rabha, Tiwa etc. The Department has started PhD programme from the session 2018-2019. The Department will initiate Departmental literary Journal. The Department has a plan to organize seminars, workshops, symposiums and to conduct orientation programme for Kokborok teachers of schools and colleges. The Department has a vision to start collaborative research with many institutions and organizations such as CIIL, TRI, UGC etc. The students are encouraged and motivated to carry out research on Kokborok language, literature etc.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Mrs. Khumtiya Debbarma	MA-Hindi, SLET	Assistant Professor	Full time	Premchand/Kokborok Literature	13 years 10 months			10+1 1+14 =35	15		
Dr. Samir Debbarma	MA- Linguistics, UGC-NET, Ph.D.	Assistant Professor	Full time	Tibeto-Burman Languages, Language Documentation	4 years 10 months		03	10+1 3+15 =38	20		
Sri Nanda Kumar	-	Guest Teacher	Guest	Drama, Novel and Poetry	5 years 6 months			18+1 1+16 =45	14		
Smt. Victo Debbarma	MA- Education, SLET, PG Diploma in Kokborok	Guest Teacher	Guest	Novel, Poetry	3 years						
Dr. Biman Debbarma	MA (English), MA (Linguistics), PG Diploma in Kokborok, Ph.D. in Linguistics	Linguistic Officer	Deputed to the Department to assist teaching	Phonology, Morphology, Syntax, Semantics, Poetry, Literary theory & criticism	4 years 10 months			10+2 1+16 =47	10		

* Deputed to Department of Kokborok to assist teaching (Linguistic Officer)

2. Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019- 20)	ISSN/ ISBN/ DOI	Page No.
Dr. Samir Debbarma		Nouns in Kokborok	National	Language in India	Volume 19:7	July, 2019	ISSN 1930-2940,	357-363
Dr. Biman Debbarma		Kok Thamokmung (Language maintenance)	Local	Yakpai (Magazine)		January, 2020		31-34
		Simalwng (graveyard)	Local	Mamita (Yearly Magazine)	Issue: 2	December, 2019		14

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/ Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Samir Debbarma	Teacher	11th International Conference of the North East Indian Linguistics Society held at the Central Institute of Technology, Kokrajhar, Assam from 7 to 9 February, 2020.		
Dr. Biman Debbarma	Teacher*	Presented a paper entitled "Case Markers in Korbong" at the 40 th Annual Conference of the Linguistic Society of Nepal jointly organised by the Linguistic Society of Nepal and the Central Department of Anthropology held from 26 th to 27 th November 2019, at Tribhuvan University, Kathmandu, Nepal.	Presented a paper entitled "Pronouns in Korbong" at two day national online seminar on Endangered Languages of Northeast India organised by Centre for Endangered Languages (CFEL), Arunachal Institute of Tribal Studies (AITS), Rajiv Gandhi University (RGU), from 15 th -16 th June, 2020, Arunachal Pradesh.	
			Attended a Live Webinar ATMANIRBHAR BHARAT – Implication & Opportunity for Food Processing Industries held on 18 th June, 2020.	
			Participated a one day Webinar series on "Human Trafficking in the Context of COVID-19" organised by IQAC in association with Lakhimpur Girls' College, Department of Political Science on 29 th June, 2020.	
			Attended a one day Webinar on "Current Practices in Manuscripts Text Editing" organised by IGNC held on 30 th June, 2020.	

* Deputed to Department of Kokborok to assist teaching (Linguistic Officer)

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Dr. Samir Debbarma	CIIT, Kokrajhar	9 th February, 2020	CIIT, Kokrajhar	Chaired a session on “Data Management” at 11 th North East Indian Linguistics Society
Dr. Biman Debbarma	Tribhuvan University, Kathmandu, Nepal	26 th to 27 th November 2019	Tribhuvan University, Nepal	Chaired a session on “Semantics and Pragmatics” at 40 th Annual Conference of the Linguistic Society of Nepal.

5. PhD Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Amal Debbarma	Full Time		Dr Samir Debbarma	Yet to be registered

6. Outreach Footprint of the Department:**6.1. Membership in Professional / Learned Societies:**

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Samir Debbarma	Dravidian Linguistics Association	Life Membership
	Linguistic Society of India	Life Membership

DEPARTMENT OF LAW

Head of the Department : Dr. Brij Mohan Pandey
 Year of Establishment : 2011
 Programmes on offer : LL.M (One year)
 Intake capacity : 15

Major achievements/ Vision of the Department :

Department of Law was established in the year 2011. Initially the department started 2-year programme in the year 2011. The pedagogical practice and dynamic course curriculum at the department has evolved over time by the confluence of different modern approaches backed by state –of – the – art technology infrastructure. At the Department of Law, students not only learn through classroom teaching but also through case-based learning, industry-academia interactions, research activities and dissertation. We are committed to train each student as top jurist through the fine blending of theory and practice by our experienced faculty members and industry mentors thus are enriching life each day. Our faculties are involved in ‘cutting edge research’. They have been organizing seminars, conferences, and legal workshops which are a constant source of practice skill to our students. The holistic involvement of faculties across so many relevant areas is beneficial for imbibing legal and professional knowledge to our students.

The objectives of the department are to promote legal knowledge and to make law and legal process an efficient instrument of social change and advancement. To advance professional education and also to provide orientation and training to judicial officers and others who are involve in the administration of Justice. In keeping pace with the change in legal education the department of Law has introduced one-year LL.M programme the year 2017. Our student has been selected in Judiciary, government jobs like Asst. Prof, and Net/JRF

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Brij Mohan Pandey	Ph.D	Asst. Prof	Full time	Trade Law	11 years			150			
Ms Maitreyee Chakravarty	LL.M	Asst. Prof	On Lien vaccancy	Food safety	6 years			20			
Dr. Ankur Sarkar	Ph.D	Guest Faculty	Guest Faculty	Labour Law	4 years			15			

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof R K Singh	Changing dynamics of family law	University of Luvknow
Prof Manoj Kumar Sinha	Law and Justice in globalized era	ILI New Delhi

Prof C P Singh	New Company Law and its ramifications	University of Luvknow
Prof Preeti Mishra	Changing dynamics of Research	BBAU Lucknow
Prof Ratan Singh	Legal Research	Centre for legal studies, Punjab University

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.1. Books:

Main Author	Co-Authors	Title	Local/National/International	Publishers	Year (2019-20)	ISBN
Dr Brij Mohan Pandey		Commerce in federal Constitutions	National	Vidiyanidhi Prakashan	2019-20	978-93-85539-78-7

3.2. Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/National/International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Dr Brij Mohan Pandey		An Analytical Study of Sexual Violence Against Women with Disability	National	Shrinkla Ek Shodhparak			02321-290	36-47

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Brij Mohan Pandey	Teacher	2	5	
Dr Ankur Sarkar	Guest Teacher	1	3	
Maitreyee Cakrovarty	Teacher			1

5. Invited as Visiting Faculty/ Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Invited Talks / Visiting Faculty	Place	Date	Organization	Title of Invited talk
Dr. Brij Mohan Pandey	Visiting Faculty	Lucknow	4 th Sept-12 th Sept 2019	Dr Sakuntala Misra Rehabilitation University, Lucknow	International Trade Law
Dr. Brij Mohan Pandey	Invited Talks	Agartala	03 rd Jan 2020	BSF	Right to Private defense
Ms Maitreyee Chavraborty	Invited Talks	Agartala	30 June 2019	Central Institute for women studies	Gender equity: legal protection of rights of women
Dr. Ankur Sarkar	Invited Talks	Tripura University	27 Aug 2018 & 12 th Sept 2019	Women's Study Centre	Women, Law and Rights, Political Rights of women and contemporary issues

6. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Full time/ Part time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Papri Debbarma	Full time	Trips Agreement and Transfer of Environmentally sound Technologies: Implications for Developing Countries.	Dr. Prabhat Kumar Saha	Registered
Jayanta Dhar	Full time	Human Right Perspective of Surrogacy Arrangements: A Critical Study	Dr. Praveen Mishra	Awarded
Bandita Sengupta	Full time	Local Working Requirement under the Trips Agreement: Implications for Developing Countries	Dr. Prabhat Kumar Saha	Registered
Amal Debnath	Full time	Constraints in the Criminal Investigation and Evidencing of Fire Arm Injuries: A Study	Dr. Praveen Mishra	Awarded

7. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN) [give asterisk * for PwD]	Name of the Organization/ Dept.	Designation	Examination Body	Name of the Examination
Susmita Das	F	S C	LAW	Judicial officer	High Court of Tripura	Tripura Judicial Service Examination 2019
Pritha Bhomick	F	G	Law	Law officer	-	Hyderabad Legal Service

DEPARTMENT OF LIBERAL ARTS

Head of the Department : Dr. Jahar Debbarma
 Year of Establishment : 2019
 Programmes on offer : M.A in Liberal Arts
 Intake capacity : 20

Major achievements/ Vision of the Department :

It was recognized widely that a liberal arts education is basically intended to expand and expose the capacity of the mind to think critically and analyze information effectively. It develops and strengthens the brain to think within and across all disciplines so that it may serve the individual over a lifetime.

Art History Professor T. Kitao of Swarthmore delivered an address with a poignant summary of the value of a liberal education: “The knowledge you learn about the subject of the course is its nominal benefit. It is like the stated moral at the end of a fable. The real substance of learning is something more subtle and complex and profound, which cannot be easily summarized – like the story itself. It has to be experienced, and it is as an experience that it becomes an integral part of the person. Learning how to learn by learning how to think makes a well-educated person.” And further another great personality Steve Jobs once said, “Technology alone is not enough. It’s technology married with the liberal arts, married with the humanities, that yields us the results that make our hearts sing.” It’s important to remember that, while there is a demand for STEM students and specialized degrees, it is possible to pursue a liberal arts education with intent and create multiple paths to career success in the process.

Keeping in mind of the importance and values in the 21st century Tripura University introduced a Post Graduate Course in Liberal Arts in the year 2019 with intake capacity of 20 students. 1st batch of was enrolled with 13 students during academic session 2019-20. Currently, the Department offers Post Graduate course including papers like Cultural Studies, Economics, Political Science, Psychology, Archaeology and Anthropology in the 1st & 2nd Semester.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Mohmmed Viquaruddin	Ph.D	Guest Teacher	Guest	Political Science	-	-	-	-	-	-	-
Pradip Chouhan	Ph.D	Guest Teacher	Guest	Economics	-	-	-	-	-	-	-
Rashmi Das	NET(JRF)	Guest Teacher	Guest	Sociology	-	-	-	-	-	-	-

Kindly note that the Department do not have any permanent teacher and it is run by the Guest Faculty only.

DEPARTMENT OF DEPARTMENT OF LINGUISTICS AND TRIBAL LANGUAGES

Head of the Department : Prof. Sukhendu Debbarma
 Year of Establishment : 2016
 Programmes on offer : M.A & Ph.D
 Intake capacity : 20

Major achievements/ Vision of the Department :

The department imparts knowledge of contemporary theories and methods of Linguistics to students and promotes research on languages of India with special reference to tribal languages. Topics of teaching include traditional areas of linguistics, languages of South-Asian families with special focus on Tibeto-Burman family, and endangered languages. Areas of research include historical linguistics, languages of Dravidian and Tibeto-Burman families, phonology, morphology, semantics, sociolinguistics, syntax, and translation. The department is actively engaged in research, field work and language documentation related to languages of Bodo-Garo-Koch and Kuki-Chin-Naga subgroups of Tibeto-Burman language family.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Khawlsongkim Suantak	Ph.D.	Assistant Professor	Full time	Phonetics, Phonology, Morphosyntax, Sociolinguistics, Tibeto-Burman Studies	04	-	03	02	02		
Dr. Sagolsem Indra kumar Singh	Ph.D.	Assistant Professor	Full time	Morphology, Morphosyntax, Semantics, Descriptive Linguistics	04	-	01	02	02		
Dr. Niranjana Uppoor	Ph.D.	Assistant Professor	Full time	Syntax, Semantics, Dravidian Language	04	-	-	02	02		
Dr. Zam Ngaih Cing	Ph.D.	-	Guest	Phonetics, Phonology, Language Documentation, Descriptive Linguistics, North East Languages		-	-	02	02		
Dr. Sulochana Singha	Ph.D.	-	Guest	Phonetics, Phonology, Morphology, semantics, TB studies		-	-	02	03		

*Must be mentioned

2. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Khawlsankim Suantak	Teacher		02	
Dr. SagolsemIndrakumar Singh	Teacher	01		
Dr. NiranjanaUpoor	Teacher	01		
Adam Molsom	Research Scholar		01	
Timothy Tripura	Research Scholar	01	01	
MeryRupini	Research Scholar		03	

3. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Adam Daurai	Full time	A descriptive study of Molsom	Dr. Khawlsankim Suantak	Registered
Mery Rupini	Full time	To be decided	Dr. Khawlsankim Suantak	Registered
Timothy Tripura	Full time	To be decided	Dr. Khawlsankim Suantak	Registered
L. Pratima Devi	Full time	To be decided	Dr. SagolsemIndra kumar Singh	Registered
Tirtharam Reng	Full time	To be decided	-	Registered
RakeshSen	Full time	To be decided	-	Registered

4. Outreach Footprint of the Department:

4.1 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Khawlsankim Suantak	Linguistics Society of India	Life Member
Dr. Khawlsankim Suantak	Dravidian Linguistics Association	Life Member
Dr.SagolsemIndrakumar Singh	Dravidian Linguistics Association	Life Member
Dr.SagolsemIndrakumar Singh	Linguistics Society of India	Life Member
Dr. NiranjanaUpoor	Linguistics Society of India	Life Member
Dr. NiranjanaUpoor	Dravidian Linguistics Association	Life Member

5. Major thrust area of research: Phonetics and Phonology, Morphology, Syntax, Sociolinguistics, Second Language Acquisition, Tibeto-Burman Languages, Bodo-Garo-Koch-Kuki-Chin-Naga Languages and Special importance to languages of North-East India.

6. Major Instruments available in the Department:

7. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ ST/SC/ OBC/EWS/ MIN)	PH (Yes/No)	Name of the Organization/ Institution	Designation	Examination Body	Name of the Examination
Solomon Debbarma	M	ST	No	SubraiVidyaMandir, Damdamia, Malabatipara, Agartala	Teacher	-	Interview
Bikan Debbarma	M	ST	No	NIELIT, Agartala	Teacher	-	Interview

8. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Pranoy Das	3 rd Prize in Speech competition	15 th August, 2019	Tripura University	-
Pranoy Das	2 nd Prize in Slogan making	16 th -31 st January, 2020	Tripura University	-
Roton Thwng Jamatia	3 rd Prize in Singing competition	19 th -24 th February, 2020	Tripura University	-
Roton Thwng Jamatia	3 rd Prize in Slogan making	16 th -31 st January, 2020	Tripura University	-
Roton Thwng Jamatia	2 nd Prize in Essay Writing	19 th -24 th February, 2020	Tripura University	-
Prasenjoy Haram	Selected for Football Team, Inter-University Level	November, 2019	Tripura University	-

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF MUSIC

Head of the Department	:	Dr. Rabindra Bharali
Year of Establishment	:	2009
Programmes on offer	:	M.A. in Music (Vocal), M.A. in Music (Dance/ Kathak) and Ph.D.
Intake capacity	:	40

Major achievements/ Vision of the Department :

The Department of Music is the only department in the entire NER of India which is offering P.G degrees in Music (Vocal) and Dance (Kathak) . The department is connected to most of the prestigious Institutions of the country such as Delhi University, Benaras Hindu University, Rabindra Bharati University, Punjab University, Indira Kala Sangeet Biswavidyalaya etc in various areas of academics. The department strives to provide conducive atmosphere to both the performing artists and the researchers in Music. Workshops are regularly being held by some eminent artists and senior Professors of Music to impart advanced knowledge of Music to the students. The Department of Music, Tripura University will very soon be seen in the national cultural and Academic map with flying colours.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Rabindra Bharali	M.Phil., Ph.D.	Asst. Prof.	Full time	Hindustani Classical Music, Music of North East India	15	-	05	-	-	-	-
Dr.Utpal Biswas	Ph.D	Asst.Prof.	Full Time	Hindustani Classical Music, Music of North East India	15	-	05	-	-	-	-
Dr. Ajay Kumar Savane	Ph.D	Asst.Prof.	Full time	Indian Classical Dance	08	-	-	-	-	-	-
Dr. Debjyoti Laskar	M.Phil,Ph.D	Guest Lecturer	Guest	Indian Classical Dance	-	-	-	-	-	-	-
Sampa Roy	M.A.	Guest Lecturer	Guest	-	-	-	-	-	-	-	-

*Must be mentioned

2. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr.Rabindra Bharali	Assam	24 th November to 28 th November,2019	Assam University	Presentation of Raga
Dr.Rabindra Bharali	Anandanagar, Agartala	25.09.2019	Bhavan's Tripura Teacher Training College	Music, Yoga and Creative Art- Medicine for our body, mind and soul.

3. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Sruti Roychoudhuri	Full Time	Evolutionary analysis of Jhumur Sangeet of wesr Bengal with perspective of its effect on society and literature in modern period.	Dr. Utpal Biswas	Registered

4. Outreach Footprint of the Department:

4.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/Symposia Lecture/ Talk	International / National	No. of Participants
	5.11.2019 to 8.11.2019	4 Days	National Workshop on Hindustani Classical Vocal and Carnatic Instrumental Music.	Workshop	National	100apprx
	18.09.2019 to 20.09.2019	3 Days	Seminar and Lecture Demonstration on Sattriya Music	Seminar and Lecture Demonstration	National	150apprx

DEPARTMENT OF PERFORMING ARTS

Head of the Department : Dr.Utpal Biswas
 Year of Establishment : 2019
 Programmes on offer : MA in Performing Arts (Dramatic)
 Intake capacity : 20

Major achievements/ Vision of the Department :

The Department of Performing Arts (Dramatic) had been started in the year 2019. The classes of this department had been started on 18th August 2019. The major achievements of this department during this period is as follows:

The students have been performed many dramas different awareness issues regarding of our society. Besides theses, the famous drama artist visited our department as visiting fellow from outside Tripura. One of the visiting fellow come from USA and taught our students with great care. Our future vision is to be establish our department all over India as one of the best dramatic centre.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr.Utpal Biswas	Ph.D	Asst. Prof.	Additional Duty	Hindustani Classical Music, Music of North East India	15	-	05	-	-	-	-

**Must be mentioned*

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Dr. Millind Inamdar	Acting and Direction	Bombay University
Mr. Devendra Raj Ankur	Production and stage craft	Delhi, NSD
Mr. Koustubh Bankpura	Acting, Direction, Production and stage craft	Pune University
Deniel Kelen	Acting, Direction, Production and stage craft	USA

DEPARTMENT OF PHILOSOPHY

Head of the Department : Dr. Mohan Debbarma
 Year of Establishment : 1994
 Programmes on offer : IMD, M.A. & Ph.D
 Intake capacity : 95 (MA 80 +IMD 15)

Major achievements / Vision of the Department :

The Department has arranged and organized seminars, symposiums, lectures, workshops etc. Every year as part of Teachers Day program this Department has been organizing and arranging seminars, discussions, lecture programs etc. since its inception. In 2016, the Department of Philosophy had introduced a Discussion Forum named Peer Group Academia to inculcate academic engagements among students, research scholars and faculties of the University. This Department also started celebrating World Philosophy Day in the month of November to observe the birth day of great Philosopher Socrates. The Department in its long term vision is planning to initiate UGC Special Assistance Programme (SAP) shortly. The Department is also going to continue its Journal named "PRATYAYA" in near future.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Mohan Debbarma	M.A. Ph.D	Associate Professor	Full Time	Philosophy of Culture and Religion Western Philosophy	23 yrs.	2 (two)	6 (Six)	Nil	Nil	-	-
Dr. Bimal Ch. Pal	M.A. Ph.D	Asst. Professor (Stage – III)	Full Time	Ethics	16 yrs.	2 (two)	4 (four)	Nil	Nil	-	-
Dr. Arup Jyoti Sarma	M.A. Ph. D	Asst. Professor (Stage –II)	Full Time	Ethics, Western Philosophy	10 yrs.	2 (two)	3 (three)	Nil	Nil	02	01
Dr. Bhupesh Debbarma	M.A. Ph. D	Asst. Professor	Full Time	Philosophy of Culture and Religion	10 yrs.	-	2 (two)	Nil	Nil	-	-
Dr. Sindhu Poudyal	M.A. Ph.D	Asst. Professor	Full Time	Contemporary Western Philosophy	7 yrs.	-	2 (two)	Nil	Nil	-	-
*Dr. A.K. Mohanty	M.A Ph.D D.Lit	Former Head and Professor	Contract / Adjunct faculty	Ethics, Western Philosophy and Indian Philosophy	2 yrs.+	-	-	-	-	-	-

*Must be mentioned

*Prof. Aditya Kumar Mohanty : Adjunct Faculty of the Department of Philosophy, Tripura University, w.e.f. Jan. 2018

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.: 01

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISBN/ DOI	Page No.
Arup Jyoti Sarma	-	Eco-Centric Moral Views and the Vedic Tradition	International	Veda as Global Heritage: Scientific Perspectives	-	2019	9789385539695	1- 20

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Students/Research Scholars	No of Conference/Seminar/Workshop attended Organized by Title of the paper presented		
		International	National	Institution Level
Dr. Mohan Debbarma	Teacher	-	01 (one)	02
Dr. Bimal Ch. Pal	Teacher	-	01 (one)	01
Dr. Arup Jyoti Sarma	Teacher	01	01 (one)	02
Dr. Bhupesh Debbarma	Teacher	-	01(one)	02
Dr. Sindhu Poudyal	Teacher	02 (two)	02 (two)	01
Prof. A. K. Mohanty	Teacher	02	05 (five)	05

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Mohan Debbarma	Department of Philosophy Women's College, Agartala	1 st & 2 nd Feb. 2020	ICPR and Department of Philosophy Women's College, Agartala	Philosophy of Tribal Culture and Religion: An Emerging Trend
Dr. Bimal Chandra Pal	Department of Philosophy Women's College, Agartala	1 st & 2 nd Feb. 2020	ICPR and Department of Philosophy Women's College, Agartala	Economic Empowerment in Tribal Society
Dr. Arup Jyoti Sarma	Belonia, South Tripura	13 th March, 2020	Iswar Chandra Vidyasagar College	Tagore on Interpersonal Relationship
-do-	Khumulwng, West Tripura	21/11/2019	Government Degree College, Khumulwng	19 th Century Renaissance: Swami Vivekananda and Iswar Chandra Vidyasagar
Dr. Bhupesh Debbarma	Department of Philosophy Women's College, Agartala	1 st & 2 nd Feb. 2020	ICPR and Department of Philosophy Women's College, Agartala	"An Exposition on the interface between the oral literature and the traditional religion of the Boroks"

Dr. Sindhu Poudyal	Department of Sanskrit, Tripura University	20-22 September, 2019	Vaidic Sammilan, Sponsored by Maharshree Sandipani Ved Vidya pratisthan	Philosophy of Food and lifestyle in Jainism (Special Lecture)
Dr. Sindhu Poudyal	Department of Philosophy Gujarat University	26-28 th September, 2019	ICPR Sponsored Department of Philosophy, Gujarat University	Gandhi on the Religious Other (Invited Presentation)
Dr. Sindhu Poudyal	Department of Rural Studies, Tripura University	27-28 February, 2020	Department of Rural Studies, Tripura University	Job, Market and Women: Revisiting the meaning of Education and being "Tribal"
Dr. Sindhu Poudyal	Dharma Chakra Vihar, UP (International Webinar)	27-28 June, 2020	International Institute of Origin Buddhist Studies and Research,	Self-love at the time of Crisis: An Exploration through the foundations of Buddhism (Invited Lecture)

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Srirupa Datta Choudhury	"Appearance and Reality with Special Reference to Kant and Hegel"	Dr. Arup Jyoti Sarma	Awarded (09.03. 2020)
Rakhi Sutradhar	"A Study of Social Welfare with Special Reference to Raja Rammohan Roy and Swami Vivekananda"	Dr. Mohan Debbarma	Submitted (Oct., 2019)
Arambam Gracy Devi	"Impact of Changing Human Values on the Changes in Nature with Special Reference to Manipur: A Post-Independence Study"	Dr. Mohan Debbarma	Submitted (Feb., 2020)
Parimal Nama Das	"A Socio-philosophical Study on Equality and Justice as in the Thoughts of M.K. Gandhi and B.R. Ambedkar"	Dr. Mohan Debbarma	Submitted (March., 2020)
Achhiya Begam	"A Critical Study of Women's Dignity as in the Thoughts of M.K. Gandhi and I.C. Vidyasagar"	Dr. Bimal Chandra Pal	Submitted (Dec. 2019)
Biswajit Debnath	"John Passmore on Environmental Ethics : A Critical Study"	Dr. Bimal Chandra Pal	Submitted (Oct., 2019)
Biplab Ch. Das	"Causality and Freedom – The Buddhist Perspective (An Analytical Study)"	Dr. Bimal Ch. Pal	Registered
Beroleeka Debbarma	"Eco-Philosophy of the Indigenous People of Tripura – A Socio-Analytical Study"	Dr. Bhupesh Debbarma	Registered
Shantaraj Debbarma	-	Dr. Bhupesh Debbarma	Ph.D Course Work completed
Gobinda Bhattacharjee	-	Dr. Dr. Arup Jyoti Sarma	Ph.D Course Work completed
Abu Sayem Siddiquee	-	Dr. Sindhu Poudyal	Ph.D Course Work completed
Sri Shyam Sundar Sarkar	-	Dr. Sindhu Poudyal	Ph.D Course Work completed

6. Outreach Footprint of the Department:

a. Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/Symposia Lecture/ Talk	International/ National	No. of Participants
1	18.11.2019	2 hours Class Hall - I of the Department of Philosophy, Academic Building XI, Tripura University	“Philosophy, Language and Meaning”	70 participants Prof. A.K. Mohanty, Adjunct Faculty and Former Head, Department of Philosophy, Tripura University	-	-
2	27.01.2020	2 hours Class Hall - I of the Department of Philosophy, Academic Building XI, Tripura University	“Wittgenstein on Sense, Non-sense and Beyond”	90 participants Prof. A.K. Mohanty, Adjunct Faculty and Former Head, Department of Philosophy, Tripura University	-	-
3	04.03.2020	2 hours Class Hall - I of the Department of Philosophy, Academic Building XI, Tripura University	“Faith and Reason”	64 participants Prof. A.K. Mohanty, Adjunct Faculty and Former Head, Department of Philosophy, Tripura University	-	-

b. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Mohan Debbarma	Indian Philosophical Congress	Life Membership
Dr. Bimal Chandra Pal	-do-	-do-
Dr. Arup Jyoti Sarma	-do-	Annual Membership
Dr. Bhupesh Debbarma	-do-	Life Membership
Dr. Sindhu Poudyal	-do-	Life Membership

c. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Sindhu Poudyal	Refresher Course	Tripura University	Two weeks	11/2/2020- 24/2/2020

7. Major thrust area of research: Indian Philosophy, Western Philosophy, Ethics, Philosophy of Religion and Culture.

8. New initiatives/Innovations: CBCS introduced from July 2016

9. Major Instruments available in the Department: Nil

DEPARTMENT OF PHYSICAL EDUCATION

Head of the Department : Dr. Sudip Das
 Year of Establishment : 2011
 Programmes on offer : M.P.Ed, PhD and Elective Course
 Intake capacity : M.P.Ed (40), PhD (16), Elective Course (30)

Major achievements/ Vision of the Department :

Department of Physical Education focused on the development of overall personality of student: physical, social, mental, and intellectual. Programs within the department are interdisciplinary by nature and combine the field's education and social sciences. The department is dedicated to provide a high quality Teacher Education program and career preparation with the idea of excellent teaching, being the central to our Vision and Mission.

Department of Physical Education aims to provide academic programs in physical education, health, fitness, training, yoga, outdoor recreation and healthy society to our Country. Our vision is also to include a Research Program, health/wellness promotion, leadership training program and certificate programs in coaching, fitness and yoga.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Prasanta Kumar Das	M.P.Ed, MPhil, NET, PhD Diploma in Coaching Basketball	Associate Professor	PhD Course Work & Elective subjects	Sports Training, Measurement Evaluation, Exercise Physiology	18	-	05	-	-	-	-
Dr. Sudip Das	M.P.Ed, NET, PhD	Assistant Professor	PhD Course Work & Elective subjects	Sports Training, Exercise Physiology, Research	20	01	02	-	-	-	-
Dr. Krishnendu Dhar	M.P.Ed, MPhil, NET, PhD	Assistant Professor	PhD Course Work & Elective subjects	Sports Biomechanics, Exercise Physiology	09	-	04	-	-	-	-
Dr. Sanjib Kumar Bhowmik	M.P.Ed, MPhil, NET(JRF), PhD, D.Y.Ed, CCSI	Assistant Professor	PhD Course Work & Elective subjects	Health, fitness, Yoga, Sports Psychology	12	01	03	-	-	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
S. Das	-	Compare the Explosive Cardiovascular endurance of female soccer players of Tripura	International	Online International Interdisciplinary Research Journal	Vol-9, Issue-04,	July-Aug, 2019	ISSN: 2249-9598	109-112
S. Das	-	Compare the speed ability of female soccer players of Tripura,	International	Online International Interdisciplinary Research Journal	Vol-9, Issue-04,	July-Aug, 2019	ISSN: 2249-9598	113-115
K. Shome	S. Das	Assessment of Physical Fitness in South Tripura District	International	Online International Interdisciplinary Research Journal	Vol-9, Issue-04,	July-Aug, 2019	ISSN: 2249-9598	122-126
K. Shome	S. Das	Body Fat Percentage of Tribal students in South Tripura District	International	Online International Interdisciplinary Research Journal	Vol-9, Issue-04,	July-Aug, 2019	ISSN: 2249-9598	117-121

3. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Sanjib Kumar Bhowmik	BTTTC, Anandanagar	From 25 th to 27 th September, 2019.	Bhavans Tripura Teacher Training College	“Yoga for healthy life style and well being”
Dr. Sudip Das	Michael Madhusudan Dutta College, Sabroom	From 7 th to 8 th November, 2019	MMDC & TRI(Tribal Research Institute)	Chairperson

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Bhartendhu Sarma	Full time	“A comparative effect of yogic practices and brisk walking on selected biomechanical parameters of middle aged men”	Dr. Sanjib Kumar Bhowmik	Thesis Submitted
Dr. Kishan Shome	Full time	“Assessment of Health Related Physical Fitness and Nutritional Status of Tribal Students of Tripura”	Dr. Sudip Das	Awarded
Siddhartha Sarma	Full time	“Biomechanical Analysis of Side Kicking Technique in Wushu”	Dr. Krishnendu Dhar	Thesis Submitted
Amit Dhar	Full time	“Comparative study of selected anthropometric and psychological variables of north-eastern region University football players”	Dr. Prasanta Kr. Das	Thesis Submitted

5. Outreach Footprint of the Department:

5.1 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Krishnendu Dhar	International Society of Sports Biomechanics	Member

5.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Sanjib Kumar Bhowmik	Online Faculty Development Courses on Physical Education and Sports	Indian Institute of Scientific Research and Analysis, Maharashtra	5days	From May 22 to 26, 2020
Dr. Krishnendhu Dhar	Refresher Course	FDC, Tripura University	15 days	From 11-25 September, 2019

6. Major thrust area of research: Physical Fitness, Exercise Physiology, Sports Psychology, Sports Biomechanics, Sports Training and Techniques, Anthropometry, Health and Wellness and Yoga.

7. New initiatives/Innovations: 1. International level outdoor Synthetic Basketball Courts under construction.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
10	05	05

9. Major Instruments available in the Department:

SI No.	Instruments	SI No.	Instruments	SI No.	Instruments
1	Body Composition Analyzer	11	Harpen Skinfold Caliper	21	Stadiometer
2	Lactate Analyzer	12	Back/Leg Dynanometer	22	Metronome
3	Metabolic Analyzer	13	Hand Grip Dynanometer (Analog)	23	Handy cam
4	Peak flow meter	14	Hand Grip Dynanometer (Digital)	24	Digital Still Camera
5	Dry Spirometer	15	Depth Perception apparatus	25	Projector
6	Glucometer	16	Finger Dexterity	26	P.A System
7	Haemometer	17	Mirror Tracer	27	TV LED
8	Automatic Blood Pressure Machine	18	Reaction Time Apparatus	28	Bone Density Caliper
9	Sphygmomanometer	19	Hand Steadiness Apparatus	29	Sliding Caliper
10	Treadmill	20	Memory Drum	30	Spreading Caliper

10. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/ Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Nilam Saikia	M	OBC	-	UGC	NET
Deepjyoti Patowary	M	Gen	-	UGC	NET
N. Vinoketu	M	ST	-	UGC	NET
Kaha Chanda	M	ST	-	UGC	NET
Debadrita Choudhury	F	Gen	-	UGC	NET
Kritika Soara	F	ST	-	UGC	NET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

11. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Swmdwn Muchahary	M	ST	No	Directorate of Sports and youth welfare, Assam	District Sports Officer	APSC	APSC
Sangram Bhattacharjee	M	GEN	No	NEIGRIHMS	Sports Officer	NEIGRIHMS	NEIGRIHMS
Pankaj Debnath	M	OBC	No	Rural Development (Govt. of Tripura)	Rural program manager	Rural Development (Govt. of Tripura)	Direct Interview
Sorokhaibam Premananda Singh	M	OBC	No	Manipur Sports University	Assistant Professor	Manipur Sports University	Direct Interview
Dr. Kishan Shome	M	GEN	No	Bhavans Tripura Teacher Training College	Assistant Professor	Bharatiya Vidhya Bhavans	Direct Interview
Mihir Shil	M	OBC	No	YAS (Govt. of Tripura)	Sports Officer	TPSC	TPSC
Amit Yadav	M	OBC	No	YAS (Govt. of Tripura)	Sports Officer	TPSC	TPSC
Ranjana Sinha	F	OBC	No	ICFAI University	Assistant Professor	ICFAI University	Direct Interview
Purnima Ghosh	F	OBC	No	Shri Krishna Mission School, Agartala	Physical Education Teacher	Shri Krishna Mission, Agartala	Direct Interview
Ekram Hosain Bhuiya	M	MOBC	No	RCPE, Panisagar	Physical Instructor	Govt. of Tripura	Direct Interview
Mrinal Ch. Das	M	SC	No	Youth Affairs & Sports	Physical Instructor	Govt. of Tripura	Direct Interview
Suman Saha	M	GEN	No	Monfort Higher Secondary School, Tripura	Physical Education Teacher	Monfort Higher Secondary School, Tripura	Direct Interview
Utpal Das	M	SC	No	Govt. Degree College, Sonamura	Guest Faculty	Govt. Degree College, KVN, Sonamura	Direct Interview
Rupak Barua	M	MOBC	No	Kendra Vidyalaya, Panisagar	Yoga Teacher (adhoc)	Kendra Vidyalaya, Panisagar	Direct Interview
Jimi Debbarma	F	ST	No	Kendra Vidyalaya, Shantirbazar	Yoga Teacher (adhoc)	Kendra Vidyalaya, Salbagan	Direct Interview
Manisha Chasa	M	GEN	No	Kendra Vidyalaya, Kailaswar	Yoga Teacher (adhoc)	Kendra Vidyalaya, Kailashawar	Direct Interview
Prasenjit Debnath	M	OBC	No	Govt. Degree College, Dharmanagar	Guest Faculty	Govt. Degree College, Dharmanagar	Direct Interview

Sumit Chakraborty	M	GEN	No	Tinsukia English Academy, Tinsukia, Assam	Physical Education Teacher	Tinsukia English Academy, Tinsukia, Assam	Direct Interview
Jhanabi Gogoi	F	OBC	No	Dr. Shyma Prasad Mukherjee College of Education	Lecturer of Health and Physical Education	Dr. Shyma Prasad Mukherjee College of Education	Direct Interview
Paritosh Das	M	SC	No	Kendra Vidyalaya, Ambassa	Physical Education Teacher	Kendra Vidyalaya, Ambassa	Direct Interview
Biren Mahato	M	GEN	No	TRB of WB	Assistant Teacher	Fershabari Junior Basic Netaji Vidyapith, WB	TET Exam.
J Sailo	M	ST	No	St. Paul School, Mission Compound, A. D Nagar, Tripura	Physical Education Teacher	St. Paul School, Mission Compound, A. D Nagar, Tripura	Direct Interview
Nilam Saikia	M	MOBC	No	Rangia Teacher Training College, Guwahati, Assam	Assistant Professor	Rangia Teacher Training College, Guwahati, Assam	Direct Interview
Nabanita Bardhan	F	GEN	No	Ramkrishna Mahavidyala, Kailashahar.	Guest Lecturer	Ramkrishna Mahavidyala, Kailashahar.	Direct Interview
Dipak Barman	M	SC	No	Tripura Sports Council, Tripura	Coach (Weight Lifting)	Tripura Sports Council, Tripura	Direct Interview
Sajal Mog	M	ST		Delhi Police, Delhi	Constable	Delhi Police, Delhi	Direct Interview
Kalyan Sarkar	M	SC	No	Swami Dhananjay Das Kathia Baba Mission School, Agartala	PET	Swami Dhananjay Das Kathia Baba Mission School, Agartala	Direct Interview
Johnson Singh Moirangthem	M	OBC	No	Lyceum	PET	Lyceum	Direct Interview
Prabal Debbarma	M	ST	No	YAS (Govt. of Tripura)	Physical Instructor	YAS (Govt. of Tripura)	Direct Interview
Pinkar Sharma	M	OBC	No	Shemford Futuristic School, Jorhat, Assam	PET	Shemford Futuristic School, Jorhat, Assam	Direct Interview
Khalek Miah	M	GEN	No	Lyceum	PET	Lyceum	Direct Interview

George Chutia	M	OBC	No	Star Cement CMCL Vidya Bharati School, Assam	PGT Physical Education	Star Cement CMCL Vidya Bharati School, Assam	Direct Interview
Abhijit Acharjee	M	OBC	No	Swami Dhananjoy Das Kathia Baba Mission School, Agartala	PET	Swami Dhananjoy Das Kathia Baba Mission School, Agartala	Direct Interview
Prince Upadhyay	M	GEN	No	Ram Krishna Mission Vidhalaya, Amtali	PGT Physical Education	Ram Krishna Mission Vidhalaya, Amtali	Direct Interview
Rahul Kumar Thakur	M	OBC	No	The Fabindia School, Bali, Rajasthan	PGT Physical Education	The Fabindia School, Bali, Rajasthan	Direct Interview
Somprakash Das	M	SC	No	YAS (Govt. of Tripura)	Physical Instructor	YAS (Govt. of Tripura)	Direct Interview
Kuldeep Singh	M	SC	No	Parijat Academy of Teacher's Education, Assam	Lecturer	Parijat Academy of Teacher's Education, Assam	Direct Interview
Swapnanil Sarmah	M	GEN	No	HIM International School, Arunachal Pradesh	PET & Football Coach	HIM International School, Arunachal Pradesh	Direct Interview
Bapi Biswas	M	SC	No	Tripura Cricket Association, Agartala	Physical Trainer	Tripura Cricket Association, Agartala	Direct Interview

DEPARTMENT OF POLITICAL SCIENCE

Head of the Department : Prof. Alak Bhattacharya
 Year of Establishment : 1994
 Programmes on offer : IMD, M.A., PhD
 Intake capacity : M.A.: 80, IMD: 20

Major achievements/ Vision of the Department :

The Department was established in 1994. The curriculum of the Masters Degree focuses on the study of Political theory/ thought, Comparative Politics, International Relations, Public Administration, Developmental Studies, Research Methodology, Indian Politics etc. The program is designed to enhance theoretical understanding relating to political processes in the contemporary socio-economic and institutional order and to develop methodological skills. The Department also emphasizes the study of North East India.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Alak Bhattacharya	M.A., Ph.D.	Professor	Full Time	Political Thought, Politics and Development	18	-	03	-	-	-	-
Chandrika Basu Majumder	M.Phil, Ph.D	Professor	Full Time	Refugee Studies	37 years	01	07	-	-	-	-
Kashinath Jena	Ph.D	Professor	Full Time	Globalization, Intellectual Property Rights	33 Years	-	08	-	-	-	-
Dr. Gautam Chakma	Ph.D.	Associate Professor	Full Time	Population Displacement in the Context of South Asian Economic and Institutional Order	33	02	03	-	-	-	-
Vanlalmuana Darlong	MA	Assistant Professor	Full time	Public Administration, Development Studies	13	-	-	-	-	-	-
Biplab Debnath	M.PHIL	Assistant Professor	Full time	International Relations	10	-	-	-	-	-	-
Anindya Sarkar	MA, NET	Assistant Professor	Full time	Indian Politics	4 years	NA	NA	08	08	NA	NA

*Must be mentioned

2. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. Alak Bhattacharya	Teacher	-	01	-
Biplab Debnath	Teacher	02	-	-
Dr. Gautam Chakma	Teacher	01	01	-

3. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Prof. Alak Bhattacharya	Agartala	Feb 2020	MBB University	Ishwar Chandra Vidyasagar
	Agartala	12.02.2020	Tripura University	'Advanced Method in Teaching and Research'
	Sabroom	July 2019	MMD College, Sabroom	Atrocities Act 2018
	Agartala	March 2019	Tripura University	Decolonization and Aggressive Nationalism
Prof. Chandrika Basu Majumder	One Day International Seminar, Agartala	29-05-2020	M B B University, Agartala	' Covid -19 : Issues and Challenges on Society'
Prof. K. N. Jena	Agartala (Invited Web Lecture)	15.07.2020	Holy Cross College, Agartala	Reviewing and Rewriting India-China Engagement through the Prism of Geopolitics and Global Economy
	Agartala (Invited Web Lecture)	17.06.2020	HNB Garwal University, Uttarakhand	Reviewing Globalization Amidst Uncomfortable Questions and Answers
	Agartala (Invited Web Lecture)	10.06.2020	SDM College, Dehradun	Pandemic Covid19: A Game Changer in Human Life
	Agartala (Invited Web Lecture)	26.05.2020	Holy Cross College, Agartala	Role of Online Teaching, Learning and Virtual Platform during Lockdown Period: Prospects and Challenges
	Agartala (Invited Web Lecture)	19.05.2020	BHU, Uttar Pradesh	End if Visible Global Politics and Road Map Ahead
	Agartala (Invited Web Lecture)	13.03.2020	University of Madras	Politics and Economics of Identity Crisis in Northeast India
	Bhubaneswar	10.11.2019	Global Institute of Management, Bhubaneswar	Understanding Role of Invisible Knowledge Economy in Global Politics
	Bhubaneswar	12.11.2019	Regional Institute of Management, Bhubaneswar	Changing Face of Global Politics and Global Economy
Biplab Debnath	New Delhi	11.10.2019	Indian Council of World Affairs	Maritime Connectivity and Northeast India: Issues and Challenges

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Pradeep Kr De	Part Time	'Rural Self- Government in Tripura: A Socio-Political Study of the West Tripura ZillaParishad'	Prof . Chandrika Basu Majumder	Awarded
Dipikanta Chakraborty	Part Time	Strategic Importance of Tripura from the mirror of India's Bangladesh Policy	Prof . Chandrika Basu Majumder	Thesis Submitted
Debjani Ghosh	Full Time	-	Prof . Chandrika Basu Majumder	Completed Ph.D Course Work
V. M. Darlong	Part time	Health Administration in Tripura	Prof. Alak Bhattacharya	Submitted
Rajesh Nath	Part time	-	Prof. K. N. Jena (Co-supervisor)	Undergoing Course Work
Moushumi Debbarma	Full time	-	Prof. K. N. Jena (Co-supervisor)	Undergoing Course Work
Jiban Das	Part time	Impact of Sixth Schedule on Indigenous People of North East India : A Case Study of Karbi Anglong Autonomous Council of Assam	Prof. K. N. Jena (Co-supervisor)	Registered
Lipika Debbarman	Part time	Changes of Political Culture in Legislative Assembly of Tripura since 1972 to 1977 and 2013 to 2018: A Comparative Study	Prof. K. N. Jena (Co-supervisor)	Registered
Rashmita Deb	Part time	Juvenile Delinquency in Tripura: An Enquiry into its causes and consequences	Prof. K. N. Jena (Co-supervisor)	Registered
Bina Rani Tripura	Part time	Swami Vivekananda's View on Social Inclusion and its relevance in Present Day	Prof. K. N. Jena (Co-supervisor)	Registered
Sharmisha Rakshit	Part time	Older Persons and their rights: A study in Tripura	Prof. K. N. Jena (Co-supervisor)	Registered
Satyajit Das	Part time	The Changing Socio-Economic and Political Profile of the Mundas in Tripura	Dr. Gautam Chakma	Awarded
Mainul Islam	Full Time	Student Movement in Tripura: A Case Study of Twipra Students Federation (TFS)	Dr. Gautam Chakma	Awarded
Lipika Roy	Full Time	Women in Ethnic Conflict Situation: A Study of the Bodo Women in Kokrajhar District of Assam	Dr. Gautam Chakma	Submitted
Rajasree Debbarma	Full Time	Empowerment of Tribal Women in Tripura: A Study of Sipahijala District	Dr. Gautam Chakma	Submitted
Kshetrimayum Myleodee Devi	Full Time	-	Dr. Gautam Chakma	Completed Course Work
Debolina Datta	Full Time	-	-	Completed Course Work
Ashraful Islam	Full Time	-	-	Completed Course Work
David Brahma	Full Time	-	-	Completed Course Work
Komal Khandelwal	Full Time	-	Prof. K. N. Jena	Undergoing Course Work
Hamtha Mukholee	Full Time	-	-	Undergoing Coursework

Ajit Mitra	Full Time	-	-	Undergoing Coursework
Harsangngir Halam	Full Time	-	-	Undergoing Coursework
Aushtosh Kumar Tiwari	Full Time	-	-	Undergoing Coursework
Nilakshi Das	Part-Time	-	-	Exempted from course work
T. Lektkholal Haokip	Part-time	-	-	Exempted from course work

5. Outreach Footprint of the Department:

5.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International /National	No. of Participants
1	02.08.2019	2 hours	Life and Ideas of Ishwar Chandra Vidyasagar	Departmental Friday Lecture	-	125
2	09.08.2019	2 hours	Initiatives for Women Empowerment	Departmental Friday Lecture	-	110
3	16.08.2019	2 Hours	Political History of Tripura	Departmental Friday Lecture	-	130
4	23.08.2019	2 hours	Post-Truth Era: A Conceptual Political Framework for 21st Century	Departmental Friday Lecture	-	140
5	30.08.2019	2 hours	The Rule of Law	Departmental Friday Lecture	-	125
6	06.09.2019	2 hours	Contribution of Sri Autonomic to Humanity	Departmental Friday Lecture	-	130
7	13.09.2019	2 hours	Narratives of Politics	Departmental Friday Lecture	-	135
8	20.09.2020	2 hours	Digital Banking	Departmental Friday Lecture	-	100
9	27.09.2019	2 hours	Transition of Indian Economy with Special Reference to Northeast India	Departmental Friday Lecture	-	105

5.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. K. N. Jena	Indian Political Science Association	Life Member
Prof. Alak Bhattacharya	Indian Political Science Association	Life Member
	West Bengal Political Science Association	Life Member
Gautam Chakma	Assam Political Science Association	Life Member
	Northeast Political Science Association	Life Member
Biplab Debnath	Indian Political Science Association	Life Member

6. Major thrust area of research:

Public Administration, Indian Politics, Politics in Northeast India, International Relations.

7. New initiatives/Innovations:

Introduced the Friday Lecture from the year 2019 series in the department where experts from within the university and outside are invited every Friday to deliver a lecture and interact with students on issues of political importance.

8. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Dipesh Nepal	M	Gen	No	NTA	NET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

DEPARTMENT OF PSYCHOLOGY

Head of the Department : Prof. Nutankumar S. Thingujam, Ph.D.
 Year of Establishment : 2011
 Programmes on offer : M.A. and Ph.D. Psychology
 Intake capacity : Post Graduate: 20+ 2 EWS for Master in Psychology and as per UGC Rule for Ph.D.

Major achievements/ Vision of the Department:

- Establishment of Departmental Library
- Setting up advanced psychological testing lab
- Setting up advanced experimental psychological lab
- Establishing computer lab
- Production of employable students
- Collaboration with reputed foreign and national institutions
- International research publication with impact factor
- Increase in faculty strength
- Establishment of UGC-SAP in near future and
- Planning for UGC-Centre of Advanced Study (CAS).

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Dr. Nutankumar S. Thingujam	PhD	Professor	Full time	Psychology of Emotion	18	-	08	02	-	573	11
Dr. Rajesh Ganesan	M. S. (ISA), Ph. D. (Psy.)	Assistant Professor	Full time	BEHAVIOUR MODIFICATION	18	-	01	04	-	09	01
Dr Anjana Bhattacharjee	PhD	Assistant Professor	Full time	Youth Mental Health, Mental Health of Women, Community Mental Health, Psychooncology, Addiction and Suicide Prevention	12 years teaching experience	-	04	04	-	30	05
Dr. C. Lalfakzuali (On lien)	PhD	Assistant professor	Fulltime (On lien)	-	-	-	-	-	-	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

2.1 Books:

Main Author	Co-Authors	Title	Local/National/International	Publishers	Year (2019-20)	ISBN
Dr. Anjana Bhattacharjee		Kukis in Tripura: A Glimpse	State Govt (Govt. of Tripura)	Tribal Research and Cultural Institute, Govt of Tripura	2020	

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/National/International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Ivan Das	Dr. Anjana Bhattacharjee	Aggression, Quality Of Relationship And Online Pornography Usage: Gender Differences Among Adults Of Bengal	National	Alochana Chakra	9	2020	2231-3990	5512-5526
Dr. Anjana Bhattacharjee	Dr Rebeka Debbarma	Perception of parenting styles, locus of control an depression: A path to comprehend the manifestation of depression among tribal adolescents	National	Alochana Chakra	9	2020	2231-3990	5046-5054
Dr. Anjana Bhattacharjee	Tatini Ghosh, Ivan Das	Quality of Life and Spirituality among Cancer Patients: Role of Gender, Age, Ethnicity and Stage of Disease	National	Alochana Chakra	9	2020	2231-3990	1355-1369
Ivan Das	Dr. Anjana Bhattacharjee	Trend analysis of Covid-19 cases in Indian subcontinent: Prediction comparison and psycho-social interventions.	National	Indian Journal of Health & Wellbeing	11	2020	2321-3698	135-138
Sukriti Banda	Dr. Anjana Bhattacharjee	Anxiety and Perceived stress among women Victims of Domestic Violence: A Comparative Study	National	Indian Journal of Psychology and Education,	9(2),	2019	2231-1432	1-5

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. Nutankumar S. Thingujam	Teacher	Webinar-1	Webinar-1	-
Dr. Rajesh Ganesan	Teacher	Webinar-2	Webinar-1	Webinar-1
Dr. Anjana Bhattacharjee	Teacher	02	-	-
Dr Santanu Ghosh	Research Scholar	-	-	01
Ivan Das	Research Scholar	-	02 (Webinar)	-
Tatini Ghosh	Research Scholar	02 (Webinar)	01	04
Nabanita Banik		-	-	01

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr Anjana Bhattacharjee	Bangladesh (Webinar)	30.06.2020	Bangladesh School Psychology Society	Spirituality
Dr Anjana Bhattacharjee	Nepal (International Webinar)	22.06.2020	Psychdesk Foundation Nepal And School of Psychology, Nepal incollaboration with Nassirullah mental health unit, Bangladesh	Men's Mental Health: The Hidden Pain
Dr Anjana Bhattacharjee	Bangladesh	24 th January 2020	Rajsahi University & Sivas International	In the Inaugural session to highlight on the conference and its salient features
Dr Anjana Bhattacharjee	Bangladesh	December 10-12 December 2019	Professional Institute of Business, Dhakha, Bangladesh	Motivation and mindfulness
Dr Anjana Bhattacharjee	Nepal	8 th October 2019	School of Psychology, Nepal and Psych desk Foundation, Kathmandu, Nepal	Marital Counseling: Understanding different dimensions and Skill Development
Dr Anjana Bhattacharjee	Tripura	30.06.2020	Agartala Doordarshan	Covid 19 and mental health
Dr Anjana Bhattacharjee	Tripura	07.3.2020	Rural Development and & Self Employment Training Institutes	Achievement motivation and effective communication
Dr Anjana Bhattacharjee	Tripura	02.03.2020	Directorate of Social Welfare and Social Education, Govt of Tripura	Gender: An over view
Dr Anjana Bhattacharjee		21.02.2020	Tripura Judicial Academy	Child Psychology and Child Behaviour
Dr Anjana Bhattacharjee	Tripura	18.01.2020	Directorate of Social Welfare and Social Education, Govt of Tripura	Career Counselling
Dr Anjana Bhattacharjee	Tripura	on 24 th November 2019	Peancea, Tripura	Delivered speech as special guest on Importance of Mind Control
Dr Anjana Bhattacharjee	Tripura	23 rd to 25 th November 2019	Social Welfare & Social Education Department, Govt of Tripura and SIPARD, Agartala	How to maintain child friendly environment

Dr Anjana Bhattacharjee	Tripura	01.11.2019	Centre for Gandhian Studies, Dept of History, Tripura University and Tripura Commission for Protection of Child Rights in collaboration with National Commission for Protection of Child Rights, New Delhi	Philosophy of Mahatma Gandhi and Child Rights
Dr Anjana Bhattacharjee	Tripura	11.08.2019	Seva & Sahayata Parisad	Mental health

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Sophiya Akoijam	Full time	Yet to decide	Prof. N. S. Thingujam	Yet to registered
Khoibi Singh Naisekpam	Part time	Yet to decide	Prof. N. S. Thingujam	Yet to registered
Pampak Khumukcham	Full time	Yet to decide	Prof. N. S. Thingujam	Yet to registered
Ritu RajGogoi	Part time	Mindfulness Training for the Enhancement of Emotional Intelligence among School Students	Dr. RAJESH GANESAN, M. S. (ISA), Ph. D. (Psy.),	Yet to registered
Nabanita Banik	Part Time	Depression and Its Correlates: A Psychological Study on Pregnant Women of Agartala	Dr. Anjana Bhattacharjee	Theses submitted
Ivan Das	Full Time	Attitude Towards Rape Myths Among Young Adults: The Roles of Loneliness, Rejection Sensitivity, Sexual Desire, Personality and Online Pornography Usage.	Dr. Anjana Bhattacharjee	Yet to registered
Tatini Ghosh	Full Time	NA	Dr. Anjana Bhattacharjee	Started Course work
Dr. Santanu Ghosh	Part Time	Pattern of internet use and its relation to personality trait, perceived stress, anxiety and depression among professional students of Tripura	Dr. Anjana Bhattacharjee	Registered

5.1 Interaction with Industry/ NGO/ Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes,Specify Number.)
	Prof. Nutankumar Thingujam	Modern Psychiatric Hospital, Nasingarh	Narsingarh, Tripura	No	No	Students Did internship there.
	Dr. Rajesh Ganesan	Modern Psychiatric Hospital, Nasingarh	Narsingarh, Tripura	No	No	Students Did internship there.

	Dr. Anjana Bhattacharjee	Modern Psychiatric Hospital, Nasingarh	Narsingarh, Tripura	No	No	For internship of 4 th semester students personal interaction was made with the appropriate authority (for seeking permission and planning for time frame for the students)
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5.2 Interaction with Industry/ NGO / Govt. Organization :(For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
Psychiatric Department	01	Modern Psychiatric Hospital, Nasingarh, Tripura	Internship

5.3 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr Anjana Bhattacharjee	School of Psychology Nepal	International Advisory Board Member

6. Major thrust area of research:: Psychology of emotion, Behaviour Technology (Clinical / Organizational)

7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
01	01 (Computer Lab)	-

8. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr Anjana Bhattacharjee	No	Tribal Research and Cultural Institute	Substance Abuse and Addiction: A curse to Tribal Society	5,00000/	-	Completed In 2020
Dr Anjana Bhattacharjee	No	Womens Studies Center, Tripura University	Pregnancy and its associated mental health issues: A Study on Tribal and non-tribal pregnant women of Tripura	1,00000/	-	Completed in August 2019

9. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/ Medals/Honours	Awarding Agency/Institution	Remarks
Prof. N. S. Thingujam	Editorial Consultant	March 11, 2020	International Journal of Asia Pacific School Psychology	Honour
Prof. N. S. Thingujam	Member of BOS Psychology	May 1, 2020	MBB University, Agartala	Honour
Prof. N. S. Thingujam	Member of BOS Psychology	October 3, 2019	Mizoram University, Aizwal	Honour

In case of sports, inter university, zonal may also be considered.

10. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Prof. N. S. Thingujam	Washington University in St. Louis, USA	Accuracy in the cross-cultural understanding of other's emotions	2019-2020
Prof. N. S. Thingujam	Stockholm University, Stockholm, Sweden	Accuracy in the cross-cultural understanding of other's emotions	2019-2020
Prof. N. S. Thingujam	The University of Memphis, USA	Understanding problematic internet use from a behavioral economic perspective	2019-2020

11. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/ Institution	Designation	Examination Body	Name of the Examination
Madhumita Saha	F	UR	N	Modern Psychiatric Hospital, Nasingarh, Tripura	Counsellor	-	-
Debadrita Choudhury	F	UR	N	Kailashahar College, Tripura	Counsellor	-	-
Dipanjana Ghosh	F	OBC	N	Cancer Hospital, Agartala	Medical Social Worker	-	-
Deep Das	M	SC	N	Cancer Hospital, Agartala	Medical Social Worker	-	-

12. Any other achievements : Promoted ICT Mediated Teaching and Learning Pedagogy for Papers: Positive Psychology, Research Methodology in Statistics, Health Psychology, PG Dissertation, Ph.D. Research Guidance using Online Platforms: Google Classroom, Hangout, Meet, Skype, Piazza, Email etc. during COVID 19 Pandemic times.

DEPARTMENT OF RURAL STUDIES

Head of the Department	:	Dr. Arobindo Mahato
Year of Establishment	:	2006
Programmes on offer	:	Integrated Master Degree (IMD), Masters in Rural Studies (MRS) and Ph.D. in Rural Studies
Intake capacity	:	IMD – 20, MRS – 40 and 10 percent EWS (44)

Major achievements/ Vision of the Department :

A professional approach is the need of the hour rather than the traditional bureaucratic approach to address the issues related to the rural development. In this direction, Tripura University launched One-year Post Graduate Diploma in Rural Development (PGDRD) IN 2004. The programme was launched mainly to equip rural areas with Development Professionals. Subsequently, PGDRD Program has been upgraded to a Two-Year Masters Degree Programme, known as Masters of Rural Management and Development in 2006. Now it has become Masters of Rural Studies. The department emphasizes on shaping Rural Development Professionals who will be equipped with a mindset to think globally and act locally, to ensure their intervention in a relevant, appropriate, modern and right manner.

1. Faculty Members : 02 numbers of Fulltime faculty and 02 numbers of Guest Faculty

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Arobindo Mahato	Ph.D.	Assistant Professor	Full time	-		01	03	08	09	-	-
Dr. Samrat Goswami	Ph.D.	Assistant Professor	Full time	Economic valuation of Natural Resources, Research Methods, Macroeconomic Issues	13	0	04	08	09	3	2
Mr. Manish sarkar	Ph.D. (Pursuing)	-	Guest	Watershed management	01	NA	NA	08	09	0	0
Ms. Sudipta Das	Ph.D. (Pursuing)	-	Guest	-	01	NA	NA	08	09	0	0

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Dr. Samrat Goswami	Dr. Rangan Gupta and Dr. Mark Wohar	Historical Volatility of Advanced Equity Markets: The Role of Local and Global Crises	International (ELSEVIER)	Finance Research Letters	-	DOI: 14 th August 2019	ISSN- 1544-6123	-

3. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Samrat Goswami	Department of IT, Tripura University	November 9, 2019	Department of IT, Tripura University	Statistical Package for the Social Sciences
Dr. Samrat Goswami	New Guest House Auditorium, Tripura University	July 4, 2019	Tripura University in collaboration with Aviral Ganga Mission, Jalbiradari	Economic Valuation of Ecosystem Services: An Accounting Framework

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Dr. Mrinal Kanti Deb	Full Time	Migration from Bangladesh and Its Impact on Rural Livelihood in North East India	Dr. Arobindo Mahato	Awarded
Ms. Ankita Das	Full Time	-	Dr. Arobindo Mahato	Pursuing Coursework

5. Outreach Footprint of the Department: Two Baseline Surveys were conducted in the local Tripura University adopted villages on Water Conservation and Water Management and on Cleanliness Practices during the 2019 2020 period.

5.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1.	February 27 to 28, 2020	2 Days	The Problems of Educated Tribal Youths For Securing Job: Special Reference to Tribal Youths of Tripura	Seminar	National	100

5.2 Interaction with Industry/ NGO / Govt. Organization :(For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
Rural Studies	34	-	NGO Placement for 14 Days as part of the Paper MR – 903C

6. Major thrust area of research: Migration issues and Livelihood, Performance and Efficiency of Medium and Small Industries in Tripura, Watershed Management, Common Property Resources Management, Corporate social Responsibility

7. Major Instruments available in the Department: Nil

8. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Arobindo Mahato	Nil	ICSSR (IMPREST)	Civilization History of Tripura	8 lakhs	-	-

9. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Tirthankar Majumder	M	GEN	Y	Tripura JIKA	Consultant	-	-
Dipan Pal	M	GEN	Y	TRLM	Livelihood Coordinator	-	-
Titan Saha	M	GEN	Y	Transcendent Dental Laboratory	Marketing Executive	-	-
Govinda Tripura	M	ST	Y	JIKA SCATFORM Project, Govt. of Tripura	Livelihood Coordinator	-	-
Prasenjit Banik	M	GEN	Y	JIKA SCATFORM Project, Govt. of Tripura	Livelihood Coordinator	-	-
Santa Roy	M	GEN	Y	Spectra Organisation	Project Coordinator	-	-
Prabhat Choudhury	M	GEN	Y	TRLM	Cluster Coordinator	-	-
Rakhi Das	F	GEN	Y	TRLM	BMC	-	-
Sanghita Mahajan	F	GEN	Y	TRLM	Cluster Coordinator	-	-
Purbali Saha	F	GEN	Y	TRLM	Cluster Coordinator	-	-
Tanmoy Acharjee	M	GEN	Y	JICA	Livelihood Coordinator	-	-

DEPARTMENT OF SANSKRIT

Head of the Department	:	Dr. Sipra Ray
Year of Establishment	:	1977
Programmes on offer	:	M.A, Ph.D.
Intake capacity	:	80 + 8(EWS) =88

Major achievements/ Vision of the Department :

The Department of Sanskrit is one of the new departments with which the Centre for Post Graduate Studies in Tripura under the University of Calcutta (C.U.P.G. centre) started functioning in 1977. Cultivation of traditional Sanskrit learning in the princely state of Tripura was in full swing from early times under the royal patronage. With the advent of modern education, Sanskrit has been taught at the undergraduate level in the colleges. The department started teaching Sanskrit in Post Graduate level since 1977. Since its inception the Department of Sanskrit is being run by so many renowned teachers. A number of distinguished guest Lecturers also served the department for a long time. The department with an intake of 80 students offers P.G. Course in Sanskrit in CBCS pattern of syllabus. Research work is also given prime importance in the Department. There are a good number of research scholars working in the department and some visit from outside the institution. Many of them have delivered precious academic lectures. Prof. Ramaranjan Mukherjee, Prof. Dhyanesh Narayan Chakraborty, Prof. Bhavani Prasad Bhattacharya, Prof. Sitanath Acharya, Prof. Asoke Chatterjee, Prof. Karunasindhu Das, Prof. Nabanarayan Bandyopadhyay, Prof. Dipti S. Tripathi, Dr. KameswarShukla, Prof. Mrinal Kanti Gangopadyaya, Prof. Ratna Basu, Prof. Prafulla Kumar Mishra, Prof. Nirmalya Narayan Chakraborty, Prof. Girish Nath Jha, Prof. Sri Kishore Mishra, Prof. Satyanarayan Acharya, Prof Satyajit Lasyak, Prof. Gopal Chnadra Mishra, Prof. Nalini Devi Misra, Prof. Gopabandhu Mishra, Prof. ArunaRanjan Mishra are among others.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Full time/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Sipra Ray	M.Phil, Ph. D., NET, LLB	Associate Professor	Full time	Kavya, Modern Sanskrit Literature	27+/ 27+	-	-	-	-	-	-
Dr. Debaraj Panigrahi	MPhil/Ph.D, LLB	Asst. Professor	Full time	Classical literature/ Grammar etc.	12.2 Yrs. / 8.8 yrs.	01	05	-	-	-	-
Dr. Shankar NathTiwari	Ph. D., NET	Asst. Professor	Full time	Poetics	9+/ 8+	-	-	-	-	-	-
Sri Partha Sarathi Sil	M.Phil, NET-JRF	Assistant Professor	Full time	Bhagavadgita, Kashmir Saivism	5. 10 years	-	-	-	-	-	-
Mrs. Jay Saha	M.Phil, NET-JRF	Assistant Professor	Full time	Sanskrit Grammar & Linguistics, Sanskrit and MILs	6 Years 2 Months	-	-	-	-	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019 -20)	ISBN	Page No.
Dr. Sipra Ray	-	Sanskrita bhasaya vyabahare Tripura Rajyasya badanam	Prof. Ark Nath Chaudhury Prof. Neeraj Sharma Prof. Ramakanta Pandey	Blossoms of Sanskrit Literature	International	New Bharatiya Book Corporation, Delhi	2019	978-81-8315-337-9	501-505
	-	Impact of Vedas and Smritisstras on rites and rituals of nineteen Tribes of Tripura	Prof. Satyanarayan Acharya	Sikshajyoti	National	Ishaprakashan, Puri, Odisha	2019	81-89075-82-9	326-337
	-	Adhunik Samskrita sahitye Haridas siddhanta vagisha – Ek Samikshatmak aadhyayan	Dr. Babulal Meena	Sanskrit Sahitya Chintan	National	Eastern Book Linkers	2019	978-93-89386-03-5	217-224
	-	Tripura rajye bouddha samskriti	Dept. of ICA, Govt. of Tripura	38 th Agartala Book fair 2020 Smaranika	National	Dept. of ICA, Govt. of Tripura	2020		14-2-14-5
Dr. Debaraj Panigrahi	-	Contribution of Sanskrit to the custom and ritual practice in Tripura	Prof. Bhagirathi Nanda & Dr. Madhusudan Mishra	Gangavataram	National	Amaragranta Publication, New Delhi,	2019	8187322616	pp 505-508
		Patriarchy in the <i>Manusmriti</i>	Prof. Satyanarayan Acharya	SreeGanganadarsha	„	Dr. Nrusingh Nath Guru	2019	9789353211790	Pp 515-523
		Tantric Buddhism in Odisha: A mirror image	Prof. Aruna Ranjan Mishra	Sailakanyaka	„	Centre for Buddhist studies, Visvabharati	2019	978818635977X	pp 45-55
		Hindi ka Bharat ki Pramukh Bhasaon se Rista	Prof. Satyanarayan Acharya	Shikshajyotih	„	ISHA Prakashan, PURI, Odisha	2019	8189075829	pp 315-324,

		Uttar purva men Bhagavan Jagannathji ka Panth: Ek Samkshipta Avalokan	Dr. Mandakini Sharma	Purvottaraka Bhakti Sahitya	„	Akhila Bharatiya Sahitya Parisat Nyasa, New Delhi	2019	97881 94246 015	pp 162-168
		Geographical Discourse in the Balaramayana of Rajasekhar	Prof. Satyanarayan Acharya	Srigopalayan am	„		2019	798-81-7084-848-6	pp457-470
Sri Partha Sarathi Sil	-	Vaidikacchandadam Svarupavishleshanam	Prof. Girish Nath Jha Prof. Sudhir Kumar Arya	Veda as Global Heritage Scientific Perspectives	National	Vidyanidhi Prakashan, New Delhi	2019	978-93-85539-69-5	301-310
		Traipura Samhita me bhakti nirupan	Dr. Mandakini Sharma	Purvattarka bhakti sahitya	National	AkhilBharatiya Sahitya Parisad Nyas, New Delhi	2019	978-81-94246 0	243-245

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Dr. Sipra Ray	-	Arbacin Samskrit Sahitye Srinibas Rathasyaavadanam	National	Vyasarhi (UGC Referred Journal)	XV	2019	2320-20256	22-26
		Arvacin samkrit sahitya sandarbhe Acharya Satyabrata shastri mahabhagasya-racana-samikshanam	National	Peer Reviewed Journal of Fundamental and Comparative Research Shodha-samhita	-	2020	2277-7067	66-73
Dr. Debaraj Panigrahi	-	Jumara-vyakaranasya Khila Patha	National	Refereed Journal (Aranyakam)	XXvii/l	2019	09750061	Pp 1-10

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Sipra Ray	Teacher	-	5	-
Dr. DebarajPanigrahi	Teacher	-	05	-
Sri ParthaSarathiSil	Teacher	-	7	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Sri Partha Sarathi Sil	Uttarpradesh	27.09.2019	Uttarpradesh Hindi Sansthan	Tripura Me Nath panth Ka Prabhav Tatha Sthaniya Sahitya Men Uski Jhalak
	Purulia, West Bengal	24.02.2020	Govt. Degree College , Manbazar	Philosophy of Man and Environment
	Bankura, West Bengal	25.02.2020	Bankura University	Samaskrita Mahakavye Nitibodha Vimarsha
	Hoogly, West Bengal	26.02.2020	Aghore kamini Prakashchandra Mahavidyalaya	Critical Thinking and Philosophizing
	Purulia, West Bengal	28.02.2020	Lalbaba College	Nyaya and Vaisesika System in Indian Philosophy

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Par time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Kushal Kumar Khajanchi	Full time	Critical Edition on Tarkacandrika	Dr. Sipra Ray	Registered
Prasun Sengupta	Full time	-	Dr. Shankar Nath Tiwary	Registered
Smt. Anindita Adhikari	Full time	Lord <i>Hayagriva</i> in Sanskrit Literature	Dr. Debaraj Panigrahi Co-Guide	Theses submitted
Sri Priyanku Chakraborty	Full time	An Analytical Study of the <i>Saura-Purāṇa</i>	Dr. Debaraj Panigrahi Co-Guide	Theses submitted
Smt. Rita Pal	Full time	<i>Chandogyopanishadi Brihadaranyakopanishadi cha Vaidikayajna-prakaranam: Kachan Samiksha</i>	Dr. Debaraj Panigrahi Guide	Theses submitted

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/Conference/ Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
1	02.08.2019	1 Day	Relevance of Dharmasastra	Special Lecture	Institution Level	110 approximate
2	20- 22.09.2019	3 Day	Regional Vedic Seminar	Seminar	National	250 approximate

6.2 Membership in Professional/ Learned Societies:

Faculty/ Scholar	Name of Society	Grade of Membership
Dr. Sipra Ray	Academic Council T.U.	Member
	Rabindraparisad, Agartala	Life member
	North-East Indian History Association	Life member
	All India Oriental Conference	Life member
	Bhandarkar Oriental Research Institute	Life Member
	Tripura Bangla Sahitya Samskriti Samsad, Agartala	Life Member
	International Association of Sanskrit Studies	Member
	Local Research Committee, Rashtriya Sanskrit	External Member
	Samsthan, Deemed University, Agartala	External Member
	TVSS (Under ABRSM), TU	Member

Dr. Debaraj Panigrahi	BPGS, Department of English, TU	Member
	BPGS, Department of Linguistics, TU	Member
	TVSS (Under ABRSM), TU	Treasure
	Purusottam Research Academy of Indology, Puri, Odisha	Founder member
	All India Oriental Conference	Life member
	National Book Trust, New Delhi	Member
	Rabindraparisad, Agartala	Life member
	Vagarthah	Member in Review committee
	Prachiprajna	Member in Editorial Body
Dr. Shankar NathTiwari	AIOC, BORI, PUNE	Life member
	National Book Trust, New Delhi	Member
Mr. ParthaSarathiSil	RabindraParisad, Agartala	Life member
	All India Oriental Conference	Life member
	PaschimbangaAnchalikItihas O Lokasanskriti Charcha Kendra, Kolkata.	Member
Ms. Jay Saha	BharatgaurabAnundoramBorooh Sanskrit Bhavan, Guwahati, Assam. Pin - 736101	Organizing Secretary
	RabindraParisad, Agartala	Life member

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. DebarajPanigrahi	PMMMNM sponsored Refresher Course	Tripura University	Two week	11-25/09/2019

7. Major thrust area of research : Veda, Philosophy, Literature and modern Sanskrit writings.

8. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Sipra Ray	-	ICSSR	Impact of the Vedas &SmritiShastras on Rites & Rituals of 19 Tribes of Tripura State : An Explorative Study	6.0	3.3	2 Years

9. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution	Remarks
Dr. Sipra Ray	Dr. R.N Aralikatti Prize	12.01.2020	All India Oriental Conference	

In case of sports, inter university, zonal may also be considered.

*Students Opting for Higher Studies With Examination;**Students Opting for Higher Studies Without Examination.

10. Any other achievements : Sanskrit Week Celebration, August, 2019

DEPARTMENT OF SOCIOLOGY

Head of the Department : Dr. Rajeev Dubey.
 Year of Establishment : 2011
 Programmes on offer : M.A., Ph.D.
 Intake capacity : 22 in M.A.

Major achievements/ Vision of the Department :

The major thrust of the Department of Sociology, Tripura University is to promote interdisciplinary teaching and research. While emphasizing topics and themes central to the discipline, the Department's teaching and research activities have been oriented towards contemporary questions that have both basic and applied dimensions. From the very beginning, efforts have been made to evolve the courses, keeping in mind the International, national and regional traditions. The department has since been successful in providing resources and encouraging students for pursuing higher education like MPhil and PhD. The department also focuses on the significance of research and the upcoming research methods, and has organized a first of its kind Qualitative data analysis software workshop on NVivo 12Plus. The department has also contributed in developing Massive Online Open Courses (MOOCs) in different online platforms and will continue to do so in the future.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Rajeev Dubey	M.Phil & Ph.D	Asstt. Professor, Stage-II	Full time	Sociology of Religion, Sociology of Education & Methodology of Social Sciences	9 years 4 months	-	03	-	-	-	-
Dr. Sharmila Chhotaray	M. Phil & Ph.D	Asstt. Professor, Stage-II (on Lien)	Full time	Sociology of Popular Culture, Gender & Communication Qualitative, Sociology Gender & Development	9 years 2 months	01	03	-	-	-	-
Ms. Parama Chakma	M.A	Assistant Professor	Full time	Sociology of Tribe & Gender & Society	2 years 6 months	-	-	-	-	-	-
Dr. Surajit Debnath	M. Phil & Ph.D	Guest Faculty	Part time	Gender & Law, & Political Sociology	P.G- 6 years 6 months U.G.- 1 year	-	-	-	-	-	-
Mrs. Lilypar Hrangkhawl	M.A	Guest Faculty	Part time	Sociology of Education, Tribal Studies	UG- 4 years PG- 5 years	-	-	-	-	-	-

*Must be mentioned

2. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Rajeev Dubey	Teacher	-	01	-

3. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Parama Chakma	Part Time	-	-	Ongoing course work
Lalnundika Darlong	Part Time	-	-	Ongoing course work

4. Outreach Footprint of the Department:

- 4.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	19.02.2020	9.00 am to 4.00 pm	NViVo 12PLUS Qualitative Data Analysis Software	Workshop	National	40

- 4.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Parama Chakma	Indian Sociological Society	Life Membership

- 4.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Rajeev Dubey	National Workshop on Emerging Tools and Technologies in Research Department of Information Technology, Tripura University	Tripura University	One Week	05th to 09th November 2019

5. Major thrust area of research: Sociology of Religion, Sociology of Education, Sociology of Culture and Communication, Sociology of Tribe

6. New initiatives/Innovations:

- Development of MOOCs
- Conducting workshop on qualitative data analysis softwares

DEPARTMENT OF TOURISM ADMINISTRATION

Head of the Department (i/c) : Dr. Debarshi Mukherjee
 Year of Establishment : 2019
 Programmes on offer : MTA
 Intake capacity : 24

Major achievements/ Vision of the Department : The Department of Tourism Administration is a new department which started its journey only in 2019. The prime objective of the department is to infuse knowledge about tourism management and hospitality sector and in keeping pace with the growing demand and opportunity in the Travel and Hospitality industry. The department has organized 10 days of lectures by renowned and experienced faculty member of Bardhaman university and from this 10 days productive lectures students gained overall glimpses of Hospitality and Tourism Industry.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Ms. Jewel Ghosh	MBA, NET	Guest Faculty	Guest Faculty	Tourism Marketing	1year	-	-	-	-	-	-

**Must be mentioned*

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Dr. MA Sofique	Global Destination of Tourism.	Associate Professor Department of Tourism Management, Bardhaman University, West Bengal

SCHOOL OF EDUCATION

Head of the Department : Dr Tinku De(Gope)
 Year of Establishment : 2018
 Programmes on offer : (1) 4 Years Integrated BA/B Sc B Ed Course and (2) 2 Years B Ed Course
 Intake capacity : 50 of each course

Major achievements/ Vision of the Department :

Development of teaching skill among the student teacher with the proficiency in different subject.

1. Faculty Members :

Name (All are Guest Faculty)	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
1.Mr.Amarjit Chanda Up to June 2020	Mathematics	Guest Teacher	Guest	-	-	-	-	-	-	-	-
2.Mr. Sreerup Rudra Pal Up to June 2020	English	Guest Teacher	Guest	-	-	-	-	-	-	-	-
3.Mr. Jantu Das Up to June 2020	Education	Guest Teacher	Guest	-	-	-	-	-	-	-	-
4. Debasish Debbarma (Up to April 2020)	Education	Guest Teacher	Guest	-	-	-	-	-	-	-	-
5. Rajib Biswas (Up to April 2020)	Education	Guest Teacher	Guest	-	-	-	-	-	-	-	-
6. Ray Sahab Pal (Up to April 2020)	Hindi	Guest Teacher	Guest	-	-	-	-	-	-	-	-
7. Abdul Malak Mia(Up to February 2020)	Education	Guest Teacher	Guest	-	-	-	-	-	-	-	-
8. Piklu Saha (Up to January 2020)	Geography	Guest Teacher	Guest	-	-	-	-	-	-	-	-
9. Suman Ali	Political Science	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-
10. Soumitra Debbarma	History	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-
11. Sushil Kalai	History	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-
12. Ms Nivedita Paul	Physics	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-
13. Ms. Barnali Deb	Chemistry	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-
14. Dr. Jatan Debnath	Geography	Guest Teacher	Guest (Class hour basis)	-	-	-	-	-	-	-	-

*Must be mentioned

DEPARTMENT OF BOTANY

Head of the Department : Prof. R.K. Sinha
 Year of Establishment : 2007
 Programmes on offer : M.Sc., Ph.D.
 Intake capacity : M.Sc.-28

Major achievements/ Vision of the Department :

The Department of Botany offers M.Sc. and Ph.D. degree to the qualified students from various states of India. The Faculty members of the Department are actively engaged with research and presently run eleven major research projects in collaboration with reputed Central Institutes. In recognition of their research output, the Department received grants separately from DST (FIST) and UGC (SAP) for the strengthening of infrastructure. Our endeavour is to inventorize and establish a digital database for the phytoresources of Tripura. The venture of the Department is to excel in quality research so as to uplift the Department as A Centre of Excellence. The department also been running a skill oriented P.G. Diploma Programme in Bamboo Cultivation and Resource Utilization (BCRU) since 2007.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Sangram Sinha	Ph.D	Professor	Cytogenetics (General & Special), Plant Physiology & Metabolism, Pharmacognosy, Reproductive Biology	Cytogenetics	36	04	Nil	40	Nil	251	09
Prof. Rabindra Kr. Sinha	Ph.D	Professor	Cell Biology, Molecular Biology, Plant tissue culture and Developmental Biology, Plant Biotechnology (Special), Bamboo Conservation	Cytogenetics & Plant Biotechnology	26	03	05	44	01	219	07
Prof. Badal Kumar Datta	Ph.D	Professor	Algae, Plant Taxonomy (General & Special), Gymnosperm, Paleobotany, Plant Biodiversity, Reproductive Biology	Taxonomy & Plant Biodiversity	23	8	7	60	07	669	12

Prof. Ajay Krishna Saha	Ph.D	Professor	Mycology, Plant Pathology (General & Special), Anatomy, Microbiology	Mycology & Plant Pathology	31	03	05	21	10	191	05
Dr. Surochita Basu	Ph.D / NET	Assistant Professor	Pteridophyta, Cytogenetics (General & special), Plant Breeding, Cell Biology, Molecular Biology, Plant Physiology, Dev. Biology, Pharmacognosy Reproductive Biology, Anatomy, Bamboo Conservation	Cell Biology & Cytogenetics	11	1	0	13	7	164	4
Dr. Panna Das	Ph.D / NET	Assistant Professor	Bryophyta, Mycology (General and Special), Microbiology, Plant Ecology, Plant Biodiversity, Bamboo Conservation	Microbiology	10	02	04	18	02	172	05

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Sanjit Debnath	Kisan Saha, Panna Das, Ajay Krishna Saha	Medicinal Properties of <i>Clitocybe brunneocaperata</i> (Agaricomycetes) from India	International	Internal Journal of Medicinal Mushroom	22	2020	1940-4344	379-388
Sanjit Debnath	Ramesh Chandra Upadhyay, Panna Das, Ajay Krishna Saha	Characterization of wild mushrooms from Tripura, Northeast India	International	Indian Phytopathology	73	2020	2248-9800	97-110
Gopal Debnath	Panna Das, Ajay Krishna Saha	Green Synthesis of Silver Nanoparticles Using Mushroom Extract of <i>Pleurotus giganteus</i> : Characterization, Antimicrobial, and α -Amylase Inhibitory Activity	International	Bio Nano Science	9	2019	2191-1649	611-619
Kripamoy Chakraborty	Jenifar Lushai, Aparajita Roy Das, Ajay Krishna Saha & Panna Das	Seasonal colonization of arbuscular mycorrhiza in <i>Andrographis paniculata</i> (Burm.f.) Nees	National	Mycorrhiza News	31	2019	0970-695X	2-5

Kripamoy Chakraborty	Aparajita Roy Das, Ajay Krishna Saha & Panna Das	Mycorrhiza in plants of different lifeforms	National	<i>Journal of the Botanical Society of Bengal</i>	73	2019	0971-2976	35-41
Sanjit Debnath	Bapi Debnath Panna Das Ajay Krishna Saha	Review on an ethnomedicinal practices of wild mushrooms by the local tribes of India	International	<i>Journal of Applied Pharmaceutical Science</i>	9	2019	2231-3354	144-156
Sukla Bhattacharjee	Aparajita Roy Das Ajay Krishna Saha Panna Das	Fungal endophytes from medicinal plants: growth promotion in <i>Oryza sativa</i> L. and <i>Cicer arietinum</i> L.	International	<i>Vegetos</i>	32(3)	2019	2229-4473	381-386
Gopal Debnath	Panna Das Ajay Krishna Saha	Screening and characterization of extracellular cellulase enzyme produced by wild edible mushroom <i>Pleurotus giganteus</i>	International	<i>Indian Journal of Natural Products and Resources</i>	10	2019	0976-0512	195-199
Kripamoy Chakraborty	Atithi Debnath, Aparajita Roy Das, Ajay Krishna Saha, Panna Das	Root-fungal associations in plants from home gardens of Tripura, Northeast India	International	<i>Journal of Applied Biology & Biotechnology</i>	11	2019	2455-7005	84-92
Kripamoy Chakraborty	Aparajita Roy Das Ajay Krishna Saha Panna Das	Fungal colonization in root of <i>Morus alba</i> L. under plantation system of Tripura, India	National	<i>Journal of the Botanical Society of Bengal</i>	74	2019	0971-2976	184-196
Pintu Karmakar	Udipta Das Panna Das Ajay Krishna Saha	Airborne fungal spore concentration in some selected indoor and outdoor sites: Threats of respiratory problems	National	<i>Tropical Plant Research</i>	7(1)	2020	2349-1183	94-100
Sanjit Debnath	Goutam Chakraborty Suvendhu Dutta Panna Das Ajay Krishna Saha	Potential of <i>Trichoderma</i> species as biofertilizer and biological control on <i>Oryza sativa</i> L. cultivation	International	<i>Bioteconología Vegetal</i>	-	2020	2074-8647	-
Kishan Saha,	Rabindra Kumar Sinha & Sangram Sinha	Chromosomal and PCR-based molecular characterization of <i>Hedychium</i> spp. of Tripura, North-East India	International	<i>Vegetos</i>	32	2019	2229-4473	521-531
Biswajit Baishnab,	Ashish Kumar Chowdhury & Badal Kumar Datta	<i>Trichoglottis ramosa</i> (Lindl.) Senghas (Orchidaceae): An addition to the flora of Tripura	National	<i>Plant Science Today</i>	6(4)	2019	2348-1900	412-415

Supriya Adhikari,	Sangram Sinha & Rabindra Kumar Sinha	Chromosomal characteristics in two different sexual phenotypes of <i>Stichoneuron membranaceum</i>	International	Vegetos	33	2020	2229-4473	26-30
Baishnab B	Datta B. K.	The Genus <i>Dendrobium</i> Sw. (Orchidaceae) in Tripura, India.	National	Plant Science Today	6 (2)	2019	-	190-200
Das D	Datta B. K.	New Distributional record of <i>Stephania glabra</i> (Roxb.) Miers (Menispermaceae) in Tripura, India and its domestication in Reang home gardens.	National	Pleione	-	2019	-	337-340.
Das D	Datta B. K.	An Assessment of plant diversity in home gardens of Reang community of Tripura.	National	Pleione	-	2019	-	208-222
Das A	Kar S, Datta B.K.	Morpho-metric study of four <i>Ocimum</i> taxa from Tripura.	International	Journal of Advanced Plant Sciences	10(1)	2020	-	36-41
Kar S	Das A, Datta B. K.	Phenological studies on <i>Ocimum gratissimum</i> L.	National	Journal of Plant Reproductive Biology	12(1)	2020	-	95-97
Kar S	Das A, Das D, Datta B. K	New distributional records of <i>Cleome rutidosperma</i> DC. and <i>Ruellia simplex</i> C.Wright for Tripura, India.	National	Pleione	13(2)	2019	-	425-429
Das D	Kar S, Datta B. K.	<i>Dioscorea cumingii</i> Prain & Burkill – a new distributional record for Tripura in North-east India.	National	Pleione	13(2)	2019	-	430 - 432
Kar S	Das D, Das A, Datta B. K.	Ethnomedicinal uses of some legumes in Tripura, India.	National	Pleione:	13(2)	2019	-	258 - 268.
Baishnab B	Majumdar K, Datta B. K.	Anatomical Features of Orchid, subsp. a <i>Phalaenopsis deliciosahookeriana</i> (O. Gruss & Roellke) from Tripura, Northeast India.	National	Indian Journal of Ecology	47(2)	2020	-	426-430.

Choudhary B. K,	Majumdar K, Datta B. K.	Potential Biomass Pools and Edaphic Properties of Plantation Forest in Tripura, India.	International	International Journal of Ecology and Environmental Sciences:	45 (4)	2019	-	369-381.
Majumkar K	Banik B, Debbarma S, Baishnab B, Datta B. K.	Diversity and distribution of figs in Tripura with four new additional records.	International	Journal of Threatened Taxa	12(11)	2020	-	-

3. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Full time/ Part time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Smt. H. Reshmi Singha	Full time	Genetic diversity and <i>in vitro</i> morphogenesis in two wild <i>solanum</i> species of tripura	Prof. R.K. Sinha	Awarded
Smt. Sanchita Bhattacharya	Full time	Fungal endophytes in some medicinal plants of tripura and evaluation of their antimicrobial properties	Prof. A.K. Saha	Awarded
Shri Kripamoy Chakraborty	Full time	Study of arbuscular mycorrhizal fungi and phosphate solubilizing bacteria associated with <i>hevea brasiliensis</i> (wild. Ex a. Juss.) Mull. Arg. In tripura, northeast india	Dr P. Das	Submitted
Shri Sanjit Debnath	Full time	Studies on nutritional status, antioxidant and antibacterial properties of some wild edible mushrooms of tripura along with protocol development for cultivation	Prof. A.K. Saha	Submitted
Shri Gopal Debnath	Full time	Production of extracellular enzymes by some wild edible mushrooms of tripura and evaluation of their antibacterial activity through synthesis of silver nanoparticles	Prof. A.K. Saha	Submitted
Shri Pintu Karmakar	Full time	Diversity, allergenicity and biochemistry of airborne mould spores in outdoor and indoor environments of agartala, tripura	Prof. A.K. Saha	Submitted

4. Major thrust area of research:

- Phytodiversity, cytogenetics and plant- microbe interactions
- Bamboo conservation and propagation

5. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
10	02	08

6. Major Instruments available in the Department:

- a) Zeiss Microscope with photographic attachment
- b) Inverted Microscope
- c) Fluorescence microscope
- d) UV-VIS Spectrophotometer

- e) Nanodrop
- f) Thermal Cycler
- g) Burkard Volumetric Air Sampler & Anderson sampler
- h) Deep freezer (-40 & -80)
- i) Mili-Q Water Purifier
- j) Cold Centrifuge
- k) Ice Flake Machine
- l) Shaker-cum-incubator
- m) Vacuum evaporator
- n) Gel doc

7. On-going Research Projects in 2019-20 :

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Prof. R. K. Sinha	-	DBT, Govt. of India (Collaborative project)	Genome Characterization of Banana/Plantain Genetic Resources of North-eastern Region and their Utilization in Multicenter Planning for Commercial Improvement	40.30	-	3 yrs
Prof. B. K. Datta	-	ISRO, Dept. of Space, Govt. of India	Measurement of Vegetation and Biomass Parameters under Vegetation Carbon Pool Assessment (Phase II)	14.44 lakhs	-	2015-2019
Prof. B. K. Datta	-	Twining, DBT, Govt. of India	Screening of the antileukemic and antioxidant potential of medicinal plants of Tripura: leading to chemical identification of the lead molecules	31.00 lakhs	-	2017-2020
Prof. B. K. Datta	Dr. Sourabh Deb	DBT, Govt. of India	Bioresources and sustainable livelihood in Northeast India	78.52 lakhs	-	2018-2021
Prof. B. K. Datta	-	IERP, G.B.Pant National Institute of Himalayan Environment & Sustainable Development, Kosi-Katarmal, Almora-263643, Uttarakhand.	Promotion of Bamboo cultivation through skill development and capacity building training programme for strengthen rural livelihoods options and long term climate change mitigations in Tripura linking Biodiversity Management Committees (BMCs) at the village panchayat levels	14.90 lakhs	-	2018-2021
Dr A.K. Saha	Dr. S. Ray Chaudhuri	DBT, Govt. of India	Microbial roles in yield management of scented rice of northeast India	51.44	28.01	2016-2019
	Dr. P. Das	IERP,	Development of protocol along with hands on training for commercial cultivation of Novel wild edible mushrooms of Tripura, North-East India	-	-	2018-2021
	Dr P. Das	DBT, Govt. of India	Understanding mechanistic detail of growth promotion and stress tolerance in legume crop by fungal endophytes through secretom and metabolomics study	43.04	28.05	2019-2022

8. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year 2019-20
Prof. R. K. Sinha	Utkal University, Odisha and CSIR-NBRI, Lucknow	Genome Characterization of Banana/Plantain Genetic Resources of North-eastern Region and their Utilization in Multicenter Planning for Commercial Improvement	Ongoing project

9. No of students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ ST/SC/ OBC/EWS/MIN)	PH (Yes /No)	Name of the Organization/ Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/ UPSC/TPSC/Others/SWT*/SWO**)
Shri Kripamoy Chakraborty	M	GEN	NO	Tripura University	SLET
Smt. Sutapa Datta	F	GEN	NO	Tripura University	SLET & NET
Shri Ashok Sutradhar	M	GEN	NO	Tripura University	GATE

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

DEPARTMENT OF CHEMICAL & POLYMER ENGINEERING

Head of the Department : Dr. Sachin Bhaladhare (I/C)
 Year of Establishment : 2016
 Programmes on offer : M.Tech. in Chemical and Polymer Engineering, PhD. in Chemical & Polymer Engineering
 Intake capacity : 15 in M.Tech. intake capacity varies as per faculty availability

Major achievements/ Vision of the Department :

Currently the department is running two funded research projects (~ 36 lakhs) which have helped department faculties to work on the proposed hypothesis, to purchase new equipments for research and to accommodate new researchers in the department. Other important equipments have been added to the department with the help of the University, which will be beneficial for students to perform M.Tech. Laboratory experiments. Many research publications/book chapters have been published during the year of 2019-2020. During Covid-19 pandemic, a department faculty member (Mr. Harjeet Nath) had come up with many innovative ideas, which include a robot to help healthcare workers serving in Covid hospitals/quarantine centers in Agartala, a contactless sanitization and hand washing system with integrated waste water treatment and recovery system etc. These efforts have been appreciated by the HDR minister himself through social media. These developments have been extensively covered and appreciated by many leading newspapers of the country. The department faculties are putting constant efforts towards innovative research and to bring in new research projects in the department. The vision of the department is to develop new course materials, enough infrastructure for classes and better research facilities. Efforts are been made to publicize the department and to attract students from other parts of the countries into the department using various means of communication.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Harjeet Nath	M.Tech.	Assistant Professor	Full Time	Waste water purification, Waste to energy using gasification/ pyrolysis, simulation and modeling using Aspen Plus and CFD Ansys	4			3	4	74	3
Dr. Sachin Bhaladhare	Ph.D.	Assistant Professor	Full Time	Polymer Synthesis, Nanogel, Hydrogel, Semiconductors	4		1	2	3	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Harjeet Nath	-	Indian Patenting System- A Short Review	KV Nagaraj, Deepak Upadhyaya, Sayantani Roy	Intellectual Property Rights & Communication	National	Eastern Book Publishers, India,	2019	978 938 888 1104	177-182

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Harjeet Nath	Subhankar Debnath, Vishal Chauhan,	CFD modeling of a typical fluidized bed column	International	Materials Today: Proceedings (Elsevier)	In Press (Corrected Proof available online)	2020	2214-7853	-
Harjeet Nath	Sukanta Reang,	Grey water treatment with spiral wound UF and RO membranes	International	Materials Today: Proceedings (Elsevier)	In Press (Corrected Proof available online)	2020	2214-7853	-
Harjeet Nath	Tamal Rudra Paul, Vishal Chauhan, Abanti Sahoo	Gasification studies of high ash Indian coals using Aspen plus simulation	International	Materials Today: Proceedings (Elsevier)	In Press (Corrected Proof available online)	2020	2214-7853	-
Harjeet Nath	Sumata Das, Joydeep Das	A Study on the Potential Biomass Available in Northeast India for Its Applicability in Certain Clean Energy Generation Purposes	International	Journal of The Institute of Engineers-Series E (Springer Nature Publishers)	1	2020	2250-2491	1-8
Harjeet Nath	Joydeep Das, Chandrani Debnath	Antibacterial effect of activated carbons prepared from some biomasses available in North East India	International	Energy Sources Part A (Taylor & Francis Publishers)	0	2019	1556-7230	1-11

Sachin Bhaladhare	Soeum Kim, Kenneth R. Carter	Mechanical Properties and Moisture Transport Behavior of Acid sensitive Hydrogels	International	American Chemical Society (ACS)	1	2019	10.1021/acsapm.9b00537	2846-2853
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3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Sukanta Reang	Student	1	-	-
Tamal Rudra Paul	Student	1	-	-
Subhankar Debnath	Student	1	-	-
Biswajit Sarkar	Student	1	-	-
Harjeet Nath	Teacher	3	3	1
Dipankar Das	Research Scholar	2	-	1
Dr. Sachin Bhaladhare	Teacher	1	-	-

4. Patents Applied for/ Granted:

Name	Title of Patent	Applied/Granted	Patent No.	Date (Applied/Granted) (DD/MM/YY)	Licensed or Not
Harjeet Nath	Water Purification System" IPO (Indian Patent)	Applied	Application Number TEMP/E-1/54944/2019-KOL	14/12/2019	No

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Dipankar Das	Full time	Hydrogel for Agriculture Applications	Dr. Sachin Bhaladhare	Registered

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	23/01/2020	1 Day	Workshop on " Self-assembling domestic water purifier"	Workshop	National	30
2	13/02/2020	1 Day	Productivity through energy conservation	Talk organized in collaboration with National Productivity Council, Kolkata	National	30

6.2 Membership in Professional / Learned Societies :

Faculty/ Scholar Name	Name of Society	Grade of Membership
Harjeet Nath	Electron Microscope Society of India (Number - LM 1751)	Life Member

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Harjeet Nath	Faculty Development Course on " Science & Technology for Social Development".	Tripura University	15 Days	11-25 Sept 2019

7. Major thrust area of research: Waste Water Purification, Waste To Energy Using Gasification/Pyrolysis, Soil Amendment Technologies, Simulation And Modeling Using Aspen Plus And CFD Fluent Softwares, Polymer Synthesis, Hydrogels, Nanogels, Semiconductors etc.

8. New initiatives/Innovations:

- 1) COVID19 Warbot for supplying food materials, medicines, water bottles and communication to quarantined patients from doctors, using integrated smart camera thereby preventing the spread of virus to healthcare workers working in COVID 19 quarantine centers and hospitals.
- 2) UV disinfection oven for disinfecting mobile phones, purses, keys etc.
- 3) Contactless system to sanitize hands with integrated water treatment and recovery facility
- 4) Grey Water treatment (washing machine discharge) using spiral wound UF and RO membranes

9. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
1	1	1

10. Major Instruments available in the Department: Differential Scanning Calorimeter (DSC), Flame Photometer, UV Spectrometer, distillation water setup with chiller, autoclave, High temperature tubular furnace, ultrasonicator bath, vacuum oven, incubator, hot air ovens, shaker, weighing balances, refrigerators, horizontal laminar flow, deep freezer, ultracentrifuges etc.

11. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Harjeet Nath	Ratan Das (Tripura University), Sudip Mitra (IIT Guwahati)	DBT NECBH Twinning	Prospects of biochars as an amendment in various types of soil present in NE India	4.95	2.5 lakhs	2 years
Dr. Sachin Bhaladhare		National Mission on Himalayan Studies, Uttarakhand , India	Development of biodegradable superabsorbent hydrogels for agriculture application to contribute water conservation in agricultural fields	31.91	17.95	3 years

12. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Harjeet Nath	IIT Guwahati	DBT NECBH Twinning Project	2019-20
Harjeet Nath	NIT Rourkela	Collaborative Research Work	2019-20
Harjeet Nath	CSIR-CIMFR Dhanbad	Collaborative Research Work	2019-20

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Arnab Mitra	M	GEN	No	Nestle	Trainee	Interview	-

14. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Sukanta Reang	Best Poster during "Third International Conference on Material Science"	06/03/2020	Tripura University and The Royal Society of Chemistry (U.K.) (Jointly)	Best Poster award and 1 year free journal subscription by RSC
Dipankar Das	Best Poster during "Third International Conference on Material Science"	06/03/2020	Tripura University and The Royal Society of Chemistry (U.K.) (Jointly)	Best Poster award and 1 year free journal subscription by RSC

In case of sports, inter university, zonal may also be considered.

15. Any other achievements: Shri. Harjeet Nath, Assistant Professor was mentioned in a Tweet by Honble MHRD Minister Shri. Ramesh Pokhriyal Nishank congratulating the professor for his innovative work on developing a contactless handwash system with integrated water treatment and recover facility on 04/06/2020.

DEPARTMENT OF CHEMISTRY

Head of the Department	: Prof. S. Majumdar
Year of Establishment	: 1976 as CUPG Center and from 1987 as a full-fledged Department.
Programmes on offer	: i) M.Sc.in Chemistry (four semesters) ii) Ph.D. Programme in Chemistry
Intake capacity	: i) M. Sc. - 30 + 3(EWS from 2019) + 2 (University rank holders) = 35 ii) Ph. D - As per UGC norms

Major achievements/ Vision of the Department :

The Department of Chemistry was established as a "Post Graduate Center" of Chemistry under the University of Calcutta in 1976 at Agartala to cater to the needs of the local students. In the beginning, the department offered a Master's Degree in Chemistry with only Analytical Chemistry as a specialization. With the increase in the number of faculty members and improved infrastructure, specializations in the areas of Inorganic Chemistry, Organic Chemistry and Physical Chemistry were introduced. The Department has the distinction of producing NET/SLET/GATE qualified students every year. The department hosts five faculty members out of ten UGC sanctioned posts engaged in frontier research, who are embracing both basic and applied areas of chemistry. The Department has been actively engaged in frontier research activity since its inception and that activity has been enhanced through financial assistance received from different funding agencies viz.UGC, CSIR, ICMR, DBT and DST etc. as major research projects. The major areas of research interests are in the fields of medicinal plants chemistry, synthetic organic chemistry, synthetic and structural inorganic chemistry, coordination chemistry, quantum chemistry, surfactants and colloids etc. The faculty members publish research papers in reputed International and National Journals. Department of Science &Technology, Govt. of India has sanctioned an amount of Rs.1.98 Crore (2016-2021) to the Department for Purchase of a 400 MHz NMR under the FIST Programme (Level - 1) and a NMR instrument has been installed and in operation currently.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. M. K. Singh	M.Sc. Ph.D.	Professor	Full time	Coordination Chemistry	29+ Years	01	02	-	05	184	09
Prof. R.K. Nath	M.Sc. Ph.D.	Professor	Full time	Surface Chemistry	25yrs	nil	06	-	06	472	12
Prof. R.N. Dutta Purkayastha	M.Sc. Ph.D.	Professor	Full time	Synthetic & structural inorganic chemistry: MOF	Teaching: 31 years. Research: 35 years.	nil	04	-	06	152	08
Prof. S. Majumdar	NET Ph.D.	Professor	Full time	Synthetic Organic Chemistry, Green Chemistry, Methodology	Teaching 16yrs Research 25yrs	nil	04	-	06	763	16

Dr. U. C. De.	NET Ph.D	Associate Professor	Full time	Chemistry of Natural Products & Medicinal Chemistry	Teaching : 18 Research : 21 Job: 17	nil	04	-	05	259	09
Dr. P. Saha	NET, Ph. D.	-	Guest	Organic Chemistry	Teaching Experience 4yrs						
Dr. Sanjit Sutradhar	NET, Ph.D.	-	Guest	Inorganic Chemistry	Teaching Experience 3yrs						

*Must be mentioned

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. N. Homendra V.F.	Quantum Mechanics-I Statistical thermodynamics	Department of Chemistry, Manipur University
Prof. Biplab Bhattacharjya, V. F.	Irreversible Thermodynamics Nonequilibrium Thermodynamics	Department of Chemistry Jadavpur University

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.1 : Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Publishers	Year (2019 -20)	ISBN
Swapan Majumdar, Syed Arshad Hussain	Surajit Sarkar, Barnali Deb, Bapi Dey, Sudip Suklabaidya, Santanu Chakraborty, Debajyoti Bhattacharjee, Yasutaka Suzuki, Jun Kawamata,	Self-standing films of tetraindolyl derivative and saponite clay mineral with reversible colour switching properties	International	Elsevier	2020	ISSN: 00 22-3697
Syed Arshad Hussain	Bapi Dey Sudip Suklabaidya Swapan Majumdar Pabitra Kumar Paul Debajyoti Bhattacharjee	Effect of Functional Group on Electrical Switching Behavior of an Imidazole Derivative in Langmuir-Blodgett Film	International	Wiley-VCH on behalf of Chemistry Europe	2019	Online / ISBN: 2365-6549
Sudhan Debnath	Tanusree Debnath Samhita Bhaumik Swapan Majumdar Arunasree M. Kalle Vema Aparna	Discovery of novel potential selective HDAC8 inhibitors by combine ligand-based, structure based virtual screening and <i>in-vitro</i> biological evaluation	International	Nature Research	2019	ISSN 2045-2322
Ranendra N. Dutta Purkayastha	Nandita Das, Shubhamoy Chowdhury,	Peroxo-tungstate(VI) complexes: syntheses, characterization, reactivity, and DFT studies	International	Springer	2019	ISSN: 00 26-9247 (Print) 1 434-4475 (Online)

P. C. Acharya	S. Marwein, B. Mishra, U. Ch. De	Recent Progress of Adenosine Receptor Modulators in the Development of Anticancer Chemotherapeutic Agents	International	Bentham Science	2019	1381-6128
P. Debnath	G. Sahu, U.C. De.	Concise Pyrimido [4,5-d]pyrimidine Synthesis via Direct Annulation of N-Uracil Amidines with Benzaldehydes Under Transition Metal Free Conditions.	International	Chemistry Select	2019	2365-6549.
U.C. De, S. Bhattacharjee	C. Ghosh, J. Bhowmik, R. Ghosh, M.C. Das, P. Sandhud, M. Kumari, S. Acharjee, A. V. Daware, Y. Akhter, B. Banerjee	The anti-biofilm potential of triterpenoids isolated from <i>Sarcochlamyspulcherrima</i> (Roxb.) Gaud.	International	Elsevier	2020	0882-4010

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. S. Majumdar	Teacher	02	0	0
Prof. R. K. Nath	Teacher	01	0	1
Dr. U. c. De	Teacher	01	0	0
MsBaranali Deb	Research Scholar	01	0	0
Sri AbhijitRudra Pal	Research Scholar	01	0	0
JoyantaBhowmik	Research Scholar	01	0	0
Tapas Das	Research Scholar	01	0	0
SukhenBhowmik	Research Scholar	01	0	0
Bijoy K. Das	Research Scholar	01	0	0
MaitreyeeBhattacharjee	Research Scholar	01	0	0

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Prof. S. Majumdar	Heritage Institute of Technology, Kolkata	January 09-11	Calcutta University	β-Keto Esters/Amides as Acyl Transferring Agent: Synthesis of Highly Functionalized Benzimidazoles Under Solvent-free Condition

6. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Dr. Sanjit Sutradhar	Part time	Synthesis and Characterization of Complexes of Some Transition metal ions with some Dithiolate and amine Ligands	Prof. M. K. Singh	Awarded on 19.03.2020
Smt. Nandita Das	Full time	Synthesis, Characterization, Structure and Reactivity Studies on Hetero-ligand Peroxotungsten(VI) Complexes	Prof. R. N. DuttaPurkayastha	Thesis submitted
Smt. Bandana Das	Full Time DST- INSPIRE	Adsorption of Dye and Bio-molecules on to Polyelectrolyte/ Surfactant complex Fabricated by Layer by Layer sequential technique.	Prof. R. K. Nath	Thesis submitted
Sri Kartick Lal Bhowmik	Part time	Synthesis, Characterization and Application of Conducting Polymer Based Films and Metal oxide nanocomposite	Prof. R. K. Nath	Thesis submitted
Smt. Alpana Baidya	Full Time RET	Photo-physical characteristics of different Liquid Crystals and other organic compounds in the restricted geometry of Thin Film	Prof. R. K. Nath	Registered 2019
Sri Abhijit Rudrapaul	Full Time (Project)	Studies on the Synthesis and Characterization of Novel Coumarin and Some Other Heterocycle Derived Compounds.	Prof. S. Majumdar	Registered 2019
Sri Kamal Das	Full Time (RET)	Not yet decided	Prof. S. Majumdar	started course work
Mrs. Smritilekha Barua	Full Time (RET)	Synthesis, Structural elucidation and reactivity studies on Molybdenum and Tungsten complexes	Prof. R. N. DuttaPurkayastha	started course work
Sri Sourav Chakraborty	Full Time (UGC)	Not yet decided	Prof. S. Majumdar	started course work
Mrs. Sutapa Deb	Full Time (RET)	Not yet decided	Prof. R. K. Nath	started course work

7. Outreach Footprint of the Department:

7.1 Interaction with Industry/ NGO/ Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes,Specify Number.)
1	Dr. Utpal Chandra De	Tripura Chemical Society	Agartala	No	-	-

7.2 Interaction with Industry/ NGO / Govt. Organization :(For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Govt. Organisations visited	Purpose of visit
Membrane Science and Separation Technology Division	01	CSIR-Central Salt and Marine Chemicals Research Institute	To interact and encourage the students for doing research at CSIR laboratories

7.3 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. M. K. Singh	Tripura Chemical Society	Life Member
Prof. R. K. Nath	Tripura Chemical Society	Life Member
R.N.DuttaPurkayastha	Tripura Chemical Society	Life Member
	Meghalaya Science Society	Life member
	Association of Chemistry Teachers	Member
Prof. S. Majumdar	Tripura Chemical Society	Life Member
	Indian Association for the Cultivation of Science	Life Member
	Association of Chemistry Teachers	Member
Dr. Utpal Chandra De	Tripura Chemical Society	General Secretary
	Indian Association for the Cultivation of Science	Life Member
	Indian Chemical Society	Life Member

8. Major thrust area of research: Synthetic organic chemistry, Green Chemistry, Medicinal Chemistry, Synthetic and structural inorganic chemistry, Surfactants and colloids, thin film and nano science

9. New initiatives/Innovations: Established NMR facility through DST- FIST fund

10. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
05+06 = 11	03(Laboratories) 02(Instrument Rooms)	06

11. Major Instruments available in the Department:

- One Flash Chromatography (Biotage, Sweden, DBT, Govt. of India Funded)
- One UV-Vis spectrophotometer (Hitachi, UH5300, Japan, DBT, Govt. of India Funded)
- One Vacuum Concentrator (Eppendorf, Germany, DBT, Govt. of India Funded)
- UV – Vis – 02 (Perkin Elmer- Labda- 25 & Shimadzu – 1800)
- Fluorimeter -01 (Shimadzu – RF5000)
- FT – IR Spectrophotometer Perkin Elmer Model – 100
- Gas Chromatography – Chemito
- Magnetic Balance (Sherwood)
- HPLC – Dionex
- Cyclic Voltammeter
- LB Film balance (Apex Instrument).
- 400 MHZ NMR Spectrometer (Bruker), installed in Central Instrumentation Center, TU.

12. On-going Research Projects in 2019-20:

Principal Investigator	Co- Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Prof. S. Majumdar	nil	DST-SERB, Govt. of India	Studies on the synthesis and physiochemical characterization of novel multi-substituted imidazole, benzimidazole and carbazole derivatives	Rs. 22.352 lacs	Rs. 4.00	3 years from 09.03.2017

Dr. U.C. De	Dr. Krishna Das Saha, IICB	DBT	Synthesis and characterization of different chrysin derivatives Followed by screening of anti-obesogenic activity, Anti-diabetogenic activity in vitro: assessment of in vivo activity with the lead compounds	Rs. 73.00 lacs	Rs. 34.99	Three years
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13. Collaborative Research with Other Universities / Institutes / Industry during 2019-20 NIL

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. U. C. De	Indian Institute of Chemical Biology, Kolkata	Synthesis and characterization of different chrysin derivatives Followed by screening of anti-obesogenic activity, Anti-diabetogenic activity in vitro: assessment of in vivo activity with the lead compounds	2019-2022 (DBT, Twin)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Head of the Department : Dr. Mrinal Kanti Bhowmik, Ph.D (Engg.)
 Year of Establishment : 2005
 Programmes on offer : M.Tech in Computer Science and Engineering, and Ph.D in Computer Science and Engineering
 Intake capacity : 15 (AICTE Approved) Intake capacity.

Major achievements/ Vision of the Department :

The Department of Computer Science & Engineering started its journey on 19th August 2005 with due approval from AICTE. The department continues to bloom under the strict observation of dedicated faculties who have ensured high quality teaching from the beginning of the Department, and the collaborative effort of its efficient students. The faculty members from reputed institutes such as Jadavpur University, Calcutta University and Indian Statistical Institution (ISI) Kolkata are invited to conduct the classes and enrich the knowledge of the students. The Department has also organized workshops like the MHRD sponsored Global Initiative on Academic Networks (GIANs) on the emerging areas of research. The faculty members of the Department are associated with funded projects from Ministry of Electronics & Information Technology (MeitY), Government of India, Indian Council of Medical Research (ICMR), Government of India and Department of Biotechnology (DBT), Government of India, and Defense Research and Development Organization (DRDO), New Delhi.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Mrinal Kanti Bhowmik	B.E (CSE), M.Tech (CSE), Ph.D (Engg.)	Assistant Professor, Stage-II	Full time	Image Processing, Medical Image Processing, Biometrics and Face Recognition.	10+	01	06	77	10	52 9	12 As on 11 th August, 2020
Dr. Abhishek Majumder	B.E. (CSE), M.Tech (IT), Ph.D.	Assistant Professor, Stage-II	Full time	Wireless ad-hoc network, Wireless Mesh network, IoT, Machine Learning	10	Nil	2	22	4	22 4	9 As on 11 th August, 2020

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. Paramartha Dutta	Probability and Random Process (CSE 904C TH)	Department of Computer Science and System Sciences, Visva-Bharati University, West Bengal

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

3.1 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
A. Majumder	M R Sarkar, J L Sarkar	An Architectural Layer Classification of Energy Conservation Techniques in Internet of Things	Erdinç Koç, Bingol University, Turkey	Internet of Things (IoT) Applications for Enterprise Productivity	International	IGI Global	2020	ISBN13 : 978179 983175 4 ISBN10 : 179983 1752 EISBN1 3: 978179 983177 8	270-307
A Majumder	S Chakraborty, S Nath, M Sarkar	Cooperative Caching in Wireless Mesh Networks	J. Joshua Thomas (UOW Malaysia KDU Penang University), Ugo Fiore (University of Naples, Italy), Gilberto Perez Lechuga (Autonomous University of Hidalgo State, Mexico), Valeriy Kharchenko (Federal Agroengineering Centre VIM , Russia) and Pandian Vasant (Universiti Teknologi, Malaysia)	Handbook of Research on Smart Technology Models for Business and Industry	International	IGI Global	2020	ISBN13 : 978179 983645 2 ISBN10: 179983 6452 EISBN1 3: 978179 983646 9	
V. Ramasamy	B. Gomathy, O. Obulesu, J L Sarkar, C R Panigrahi, B Pati, A Majumder	Machine Learning Techniques and Tools: Merits and Demerits	Gulshan Shrivastava, Sheng-Lung Peng, Himani Bansal, Kavita Sharma, Meenakshi Sharma	New Age Analytics Transforming the Internet through Machine Learning, IoT, and Trust Modeling	International	Apple Academic Press, CRC press	2020	Hard ISBN: 978177 188875 2 E-Book ISBN: 978100 300721 0	23-55

3.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Rajib Debnath	Anu Singha, Biswajit Saha and Mrinal Kanti Bhowmik	A Comparative Study of Background Segmentation Approaches in Detection of Person with Gun under Adverse Weather Conditions	International	11th International Conference on Computing, Communication And Networking Technologies (ICCCNT 2020), Indian Institute of Technology (IIT) Kharagpur, West Bengal, India	-	2020	-	-

Sourav Dey Roy	Mrinal Kanti Bhowmik	Annotation and Benchmarking of a Video Dataset under Degraded Complex Atmospheric Conditions and Its Visibility Enhancement Analysis for Moving Object Detection	International	IEEE Transactions on Circuits and Systems for Video Technology, Indexed by Science Citation Index (SCI), Impact Factor: 4.133		2020	DOI: 10.1109/TCVT.2020.2991191	1-1
Anu Singha	Mrinal Kanti Bhowmik and Debotosh Bhattacharjee	Akin-based Orthogonal Space (AOS): A Subspace Learning Method for Face Recognition	International	Multimedia Tools and Applications, published by Springer, Indexed by Science Citation Index (SCI), Impact Factor: 2.313		2020		
Anu Singha	Mrinal Kanti Bhowmik	Salient Features for Moving Object Detection in Adverse Weather Conditions during Night Time", IEEE Transactions on Circuits and Systems for Video Technology	International	IEEE, Indexed by Science Citation Index (SCI), Impact Factor: 4.133		2019		
Mrinal Kanti Bhowmik,	Tathagata Debnath, Debotosh Bhattacharjee, and Paramartha Dutta	EF-Index: Determining Number of Clusters (K) to estimate Number of Segments (S) in an image" Image and Vision Computing	International	Image and Vision Computing, published by Elsevier, Indexed by Science Citation Index (SCI), Impact Factor: 3.103	88	2019	, DOI: https://doi.org/10.1016/j.imavis.2019.04.009	29-40
Sourav Dey Roy	Mrinal Kanti Bhowmik	A Comprehensive Survey on Computer Vision Based Approaches for Moving Object Detection	International	IEEE Region 10 Symposium (TENSYP) 2020		2020		
Sourav Dey Roy	Dipak Hrishi Das and Mrinal Kanti Bhowmik	Conventional and deep feature oriented quality inspection of internal defected eggs using infrared imaging	International	6th International Conference on Networking, Systems and Security (6th NSysS 2019), Bangladesh University of Engineering and Technology (BUET), ACM		2019	DOI: 10.1145/3362966.3362969	12-20
Anu Singha	Mrinal Kanti Bhowmik	TU-VDN: Tripura University Video Dataset At Night Time In Degraded Atmospheric Outdoor Conditions For Moving Object Detection	International	26th IEEE International Conference on Image Processing (ICIP) - Tier 2 Conference, Taipei, Taiwan		2019		2936-2940
Kakali Das	Mrinal Kanti Bhowmik, and Dipti Prasad Mukherjee	Segmentation of Knee Thermograms For Detecting Inflammation	International	26th IEEE International Conference on Image Processing (ICIP) - Tier 2 Conference, Taipei, Taiwan		2019		1550-1554
A. Majumder	S. Roy	Implementation of Session-to-Mobility Ratio Based Mobility Management Scheme for Wireless Mesh Network to Handle Internet and Intranet Packets	International	In Proceedings of International Conference on Computing, Analytics and Networking		2020	https://doi.org/10.1007/978-981-15-2414-1_1	1-11
A. Majumder	S. Nath, S. Roy	A Scanning Technique Based on Selective Neighbour Channels in 802.11 Wi-Fi Networks	International	In Proceedings of the International Conference on Machine Intelligence and Signal Processing		2020	https://doi.org/10.1007/978-981-15-1366-4_7	83-96

R K Verma	C R Panigrahi, B Pati, J L Sarkar, A Majumder	A Mobile Cloudlet Assisted Architecture for Handling Multimedia Applications	International	Computación y Sistemas	vol. 23, no. 4	2019	doi: 10.13053/CyS-23-4-3114	126 1-127 3
A. Majumder	S.Roy	Design and analysis of a hybrid mobility management scheme for wireless mesh network to handle highly mobile mesh clients	International	International Journal of Information Technology	Vol. 12, no. 2	2020	https://doi.org/10.1007/s41870-020-00423-x	353 -372
J L Sarkar	A Majumder, C R Panigrahi, S Roy	MULTITOUR: A Multiple Itinerary Tourists Recommendation Engine	International	Electronic Commerce Research and Applications	Vol. 40, March-April 2020	2020	https://doi.org/10.1016/j.ele rap.2020.100943	Article no. 100943
A Majumder	S Chakraborty, A Chakraborty, S Begam	K-Medoids Clustering Based Next Location Prediction in Wireless Local Area Network	International	Computación y Sistemas	Vol. 24, no. 2	2020	doi: 10.13053/CyS-24-2-3122	835 -844

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Abhishek Majumder	Salbagan, Agartala	24.02.2020	Organized by Communication and IT Branch, BSF Head Quarter, Tripura Frontier	Cyber Crime and Security

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Dr. Priya Saha	Full Time	Studies on Some Facial Expression Recognition Techniques Based on Visual and Infrared thermal Face Images	Prof. Barin Kumar De (Rtd.), Department. of Physics, Tripura University and Co-supervision of Prof. Mita Nasipuri, Department of Computer Science and Engineering, Jadavpur University, Kolkata.	Awarded
Dr. Shawli Bardhan	Full Time	Analysis of IR Images for Detection of Inflammatory Knee Joint Diseases	Dr. Mrinal Kanti Bhowmik	Awarded
Mrs. Usha Rani Gogoi	Full Time	Analysis of Infrared Breast Thermograms for Abnormality Detection	Dr. Mrinal Kanti Bhowmik	Theses submitted
Mr. Sukanta Chakraborty	Full Time	Blockchain application in IoT	Dr. Abhishek Majumder	Started course work

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	13/12/2019 to 15/12/2019	3 Days	2 nd 3-Days Workshop on Deep Learning	Workshops	National	20

6.2 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Mrinal Kanti Bhowmik	IEEE	Senior Member
Dr. Mrinal Kanti Bhowmik	ACM	Member
Dr. Mrinal Kanti Bhowmik	SPIE	Member
Dr. Mrinal Kanti Bhowmik	Institutions of Engineer(IE)	Graduate Member
Dr. Abhishek Majumder	IEI	Associate Member

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr Abhishek Majumder	Annual Refresher Program in Teaching course in Components and Application of Internet of Things (Successfully completed with 78% marks)	Online	15 weeks	01.09.2020-31.12.2020
Dr Abhishek Majumder	SWYAM NPTEL course on Cloud Computing (Successfully completed with 82% marks, was ranked in top 5%)	Online	8 week [Equivalent to 1 week FDP]	August-October, 2019

7. Major thrust area of research:

- Biometrics
- Information Security
- Computer Vision in Data Science
- Medical Imaging
 - Microscopic Cell Imaging
 - Infrared Imaging
- Wireless Network
- IoT
- Machine Learning

8. New initiatives/Innovations: Nil

9. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
05	01	03

10. Major Instruments available in the Department:

1. **Major Instruments available in Biometrics Laboratory**

(Funded By: Department of Electronics and Information Technology, Govt. of India.)

- 5 NIKON D5100 VR KIT Cameras with accessories with Simplex Flash Radio Trigger, ML-3 (Infrared Multitrigger), Tripod (Camera Stand).
- 1 Rack max 4U Server (HP/DL580) with 2.13GHz Intel Xeon Quad Core processor.
- 1 Dell Studio XPS 1640 Laptop, with 2.40GHz 789 MHz Intel Core 2 Duo processor with 4GB physical memory.
- 3 HP Compac desktop computers with 2.80GHz, 3.00GHz, 2.66GHz Core 2 Duo processors and 2GB, 2GB, 1GB physical memory respectively.
- Online UPS, 3.0 KVA.
- RTG005-USB connected FPGA and Power PC Image Processing System.
- Sony Make Camera Link Camera, Monochrome, universal power supply with 4mm Mega Pixel Lens, Mini 26 pin camera link connector.
- HP Laser Jet M1522nf Printer cum Scanner cum Copier cum Fax.
- HP Laser Jet Printer P1008.



Fig: Biometrics Laboratory

2. **Major Instruments available in Bio-Medical Infrared Image Processing Laboratory**

(Funded By: Department of Biotechnology (DBT), Twining Project, Govt. of India.)

- T650sc Infrared Thermal Camera.
- APC 6KVA online UPS
- FLIR E60 Thermo-vision camera with Digital camera flash, built in laser with software and tri-pod mounted.



Fig: Bio-Medical Infrared Image Processing Laboratory

3. **Major Instruments available in Computer Vision Laboratory**

(Funded By : Defence Research and Development Organization (DRDO), Govt. of India)

- One no of NVIDIA TITAN Xp graphics Card,with GPU Architecture Pascal,Frame Buffer 12 GB G5X,Memory Speed 11.4 Gbps,Boost Clock 1582 MHz.
- One no of HP Z420 Workstation with 3.7 GHz speed

- Two no of PTZ High Resolution CCTV Cameras
- One no of Cloud Storage with 24TB HDD
- One 6 KVA Online UPS.
- One 49 inch Panasonic Display Monitor.

4. Major Instruments available in Mobile Computing Laboratory

(Funded By: Department of Electronics and Information Technology, Govt. of India.)

- Dell Precision Tower 5810 workstation.
- Online UPS, 3.0 KVA.
- Samsung xpress M2876ND all in one laser printer.



Fig: Mobile Computing Laboratory

11. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Mrinal Kanti Bhowmik	Co-Investigator-1: Prof. Anjan Kumar Ghosh Former Vice Chancellor Tripura University (A Central University) Co-Investigator-2: Prof. Barin Kumar De Department of Physics , Tripura University (A Central University)	Defence Research and Development Organisation (DRDO), New Delhi	Development of Object Detection Techniques From Degraded Complex VideoSequences Due To Dynamic Variation of Scenes By Different Atmospheric Conditions For Security & Surveillance(in Collaboration with Jadavpur University, Kolkata-700032, India)	Amount of grant: Rs. 64.77 Lakh Tripura University: Rs. 46.58 Lakhs Jadavpur University: Rs. 18.19 Lakhs Project Period: 08-06-2018 to 07-12-2020	Rs. 18,16,671.00	2 Years 6 Months

12. On-going Consultancy Projects in 2019-20: Nil

13. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution	Remarks
Dr. Mrinal Kanti Bhowmik	Short Term Indian Council of Medical Research (ICMR)-Department of Health Research (DHR) International Fellowship 2019-2020 as a Senior Indian Biomedical Scientists for bilateral cooperation in cross-disciplinary research area (i.e. biomedical diagnostic and inferencing system) at New York Institute of Technology, 1855 Broadway, New York, NY 10023, USA, during 26th December 2019 to 25th January 2020	07-08-2019	Indian Council of Medical Research (ICMR)- Department of Health Research (DHR)	
Dr. Mrinal Kanti Bhowmik	International Travel Support for attending and presenting his research papers in 26th IEEE International Conference on Image Processing (ICIP), organized by IEEE Signal Processing Society Taipei, Taiwan from 22nd to 25th September 2019	16-08-2019	Science and Engineering Research Board (SERB), Govt of India	

In case of sports, inter university, zonal may also be considered.

14. Collaborative Research with Other Universities / Institutes / Industry during 2019-20:

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Debotosh Bhattacharjee	Jadavpur University, Kolkata, West Bengal 700032	Development of Object Detection Techniques From Degraded Complex Video Sequences Due To Dynamic Variation of Scenes By Different Atmospheric Conditions For Security & Surveillance	08-06-2018 to 07-12-2020

15. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/ Medals/ Honours	Date of Awards/ Medals/ Honours	Awarding Agency/Institution	Remarks
Mr. Sourav Dey Roy, Ph.D Research Scholar and CSIR-SRF	Best Students Paper Award ^{''} with a prize money of 200 USD	17 th -19 th December, 2019	6th NSysS 2019 held at Bangladesh University of Engineering and Technology (BUET), Dhaka – 1000, Bangladesh.	

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF ELECTRICAL ENGINEERING

Head of the Department : Sangita Das Biswas
 Year of Establishment : 2005
 Programmes on offer : M.Tech. in Electrical Engineering, Ph.D
 Intake capacity : 18+2(EWS)

Major achievements/ Vision of the Department :

The faculty members and students of the Electrical Engineering Department work on advanced areas such as renewable energy, modern power system operation and control, smart grid, power electronics application in power system, digital control and chaos based optical communication, power electronics converters, sensor and system, EMI/ EMC, computer skill (java) etc.

Student Achievements 2019-2020:

1 Passed out student have already got chance in Ph.D in NIT Arunachal Pradesh and another got chance to work as Guest Teacher in Tripura University.

Vision of the Department:

The vision of the Department is to prepare and develop human excellence and inculcate leadership through integrating modern, scientific and technological knowledge and skills with the basic human ethos and values through hard work and creativity. The Department desires only the comprehensively trained, socially responsible, innovative electrical engineers and researchers of highest quality to contribute to the nation's imprint on the world stage and dispositions to contribute to a better society.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Sangita Das Biswas	M.Tech. in Electrical Engineering	Assistant Professor	Full Time	Power System, Smart Grid & PMU	16(+) Years	Nil	Nil	20	02	16	2
Dr. Champa Nandi	Ph.D	Assistant Professor	Full Time	Energy Management System,	10	Nil	02	20	02	103	05
Gagari Deb	M.Tech (Electrical)	Assistant Professor	Contract	Voltage stability of power system	11	-	-	22	03	100	05

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/National/International	Publishers	Year (2019-20)	ISBN	Page No.
Champa Nandi, Somudeep Bhattacharjee		Implementation of Industrial Internet of Things in the Renewable Energy Sector.	Z. Mahmood	The Internet of Things in the Industrial Sector	International	Springer	2019	978-3-030-24891-8	223-259
Somudeep Bhattacharjee, Champa Nandi		Design of a Smart Energy Management Controller for Hybrid Energy System to Promote Clean Energy	Akash Kumar Bhoi, Karma Sonam Sherpa, AkhtarKalam, Gyoo-SooChae	Advances in Greener Energy Technologies	International	Springer	2020	978-981-15-4245-9	527-563
Champa Nandi, Somudeep Bhattacharjee,	Samrat Chakraborty	An Optimization Case Study of Hybrid Energy System in Four Different Regions of India.	Akash Kumar Bhoi, Karma Sonam Sherpa, AkhtarKalam, Gyoo-SooChae	Advances in Greener Energy Technologies	International	Springer	2020	978-981-15-4245-9	399-437
Champa Nandi	Sanghita Baidya	Green Energy Generation Using Renewable Energy Technologies	Akash Kumar Bhoi, Karma Sonam Sherpa, AkhtarKalam, Gyoo-SooChae	Advances in Greener Energy Technologies	International	Springer	2020	978-981-15-4245-9	259-276

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/National/International	Name of the Journal/Proceedings/Magazine	Volume	Year (2019-20)	ISSN/ISBN/DOI	Page No.
T. K. Das, R. Debnath, S. Das Biswas,		Modeling and Implementation of Advanced Electronic Circuit Breaker Technique for Protection	International	Proceedings of International Conference on Computer Communication and Internet of Things 2020 (ICCCIoT 2020)	-	Feb, 2020	-	-

Somudeep Bhattacharjee, Champa Nandi.		Technical, Economic, Feasibility and Comparative Analysis of Three Different Configurations of Energy System to Control Intermittency of Renewable Energy.	Inter-national	Proceedings of 2nd International Conference on Information systems & Management science 2019 (Published in SSRN Electronic Journal)	-	2019	ISSN: 1556 - 5068	117-124
Somudeep Bhattacharjee, Champa Nandi.		Design of an IIoT enabled Energy Management System of a Grid Connected Solar-Wind Hybrid System based Battery Swapping Charging Station for Electric Vehicle	Inter-national	Proceedings of International Conference on Computer Communication and Internet Of Things (ICCCIOT 2020)	-	2020	-	-
Somudeep Bhattacharjee, Champa Nandi.		Technical feasibility study and optimization analysis on solar-biomass based pumped storage hydropower plant	Inter-national	Proceedings of 2nd International Conference on New and Renewable Energy Resources for sustainable future (ICONRER-2019)	-	2019	-	-
Uttara Das, Champa Nandi.	Sarbani Mandal, Somudeep Bhattacharjee,	A Review on Renewable Energies and its Advantages on Hybrid Power Generation System	Inter-national	Proceedings of 2nd International Conference on New and Renewable Energy Resources for sustainable future (ICONRER-2019)	-	2019	-	-
Sanghita Baidya, Champa Nandi		Arc Fault Analysis, Monitoring with Internet of Things (IoT) and Protection Scheme of a Solar PV Model	Inter-national	Proceedings of 2nd International Conference on Information systems & Management science 2019 (Published in SSRN Electronic Journal)	-	2019	ISSN: 1556 - 5068	48-52

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Sangita Das Biswas	Teacher	02	09	-
Rubi Debbarma	Student	0	05	-
Ankit Kishore Sen	Student	0	08	-
Shingli Jamatia	Student	0	04	-
Rajbee Dey	Student	0	05	-
Uttara Das	Student	1	05	-
Susmita Das	Student	0	05	-
Sarbani Mandal	Student	0	05	-
Daibat Majumdar	Student	0	05	-
Aijak Jamatia	Student	0	05	-
Shuvam Majumder	Student	0	05	-
Subir Sutradhar	Student	0	05	-
Barnali Chanda	Student	0	04	-
Arup Ratan Das	Student	0	05	-

4. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Sangita Das Biswas	Institution of Engineers' (INDIA)	Member IE(I) Membership No. M-1434939
Dr. Champa Nandi	Institution of Engineers' (INDIA), IEEE	Associate Member IEI membership no. AM0993819
Gagari Deb	Institution of Engineers' (INDIA)	Associate Member

5. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Sangita Das Biswas	Annual Refresher Programme in Teaching (ARPIT)-2020	AICTE approved FDP Online NPTEL SWAYAM Course, MHRD, Government of India	8 Weeks	1 st September, 2019 to 31 st October, 2019

6. Major thrust area of research: **Controller** Design, Smart Grid, Voltage Stability of Power System

7. New initiatives/Innovations:

The Department always inspired, and provided opportunities to the students and teachers to conduct research and to attend other career development programs with the assistance of University Grants Commission and other agencies.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
4	Power System Simulation Lab, Measurement and Control Lab, Power Electronics Lab, Design Project Lab	Computer Simulation Lab



Power System Laboratory



Computer Simulation Laboratory



Power Electronics Laboratory



Measurement & Control Laboratory

9. Major Instruments available in the Department: **PSCAD, ETAP, LabView Software**

10. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ ST/ SC/ OBC/ EWS/MIN)	PH (Yes/No)	Name of the Organization/ Institution	Name of the Examination (NET/SLET/GATE/ CAT/SSC/ UPSC/TPSC/ Others/ SWT*/SWO**)
Harshit Sarkar	M	SC	No	Railway Service	Others
Diptanu Saha	M	UR	No	Railway Service	Others
Kuhelika Das	F	UR	No	Maa Harshiddi Infra Developer Pvt. Ltd.	Others
Samrat Chakraborty	M	UR	No	NIT Arunachal Pradesh (Doing PH.D)	Others

*Students Opting for Higher Studies With Examination,**Students Opting for Higher Studies Without Examination.

11. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Harshit Sarkar	M	SC	No	Railway Service	Assistant Loco Pilot	Railway Recruitment Board	Railway Recruitment Board Examination
Diptanu Saha	M	UR	No	Railway Service	Assistant Loco Pilot	Railway Recruitment Board	Railway Recruitment Board Examination
Kuhelika Das	F	UR	No	Maa Harshiddi Infra Developer Pvt. Ltd.	Graduate Engineering Trainee	Maa Harshiddi Infra Developer Pvt. Ltd.	Personal Interview
Samrat Chakraborty	M	UR	No	NIT Arunachal Pradesh (Doing PH.D)	Ph.D Scholar	NIT Arunachal Pradesh	Institutional Interview

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Head of the Department : Dr. Bishanka Brata Bhowmik (i/c)
 Year of Establishment : 2016
 Programmes on offer : M.Tech in Electronics and Communication Engineering
 Intake capacity : 15

Major achievements/ Vision of the Department :

July 2016 was quite exciting in the history of Tripura University when the Department of Electronics and Communication Engineering started its journey with three faculty members and fifteen students. Core courses like Fibre Optics Communication and Microwave Communication along with a fine blend of Quantum Physics and its application to Nanoscale Devices make our curriculum quite unique and attractive. Our research and training labs are coming up in a great way and we hope that it will be a vibrating department in the near future.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Bishanka Brata Bhowmik	Ph.D.	Assistant Professor	Full time	Optical Fiber Communication and Photonics	4 years	-	2	11	6	79	4
Dr. Anirban Karmakar	Ph.D.	Assistant Professor	Full time	Microwaves, Antennas & Propagation	13 years	-	4	20	6	396	12

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Dr. Anirban Karmakar	Dr. Anuradha Saha	Fractal inspired Ultra Wideband Diversity Slot Antenna for Wireless Communication Systems	Siddhartha Bhattacharyya (RCC Institute of Information Technology, India), Pampa Debnath (RCC Institute of Information Technology, India), Arpan Deyasi (RCC Institute of Information Technology, India) and Nilanian Dey (Techno India College of Technology, India)	Complimentary Developments in High Frequency Photonic Devices	International	IGI GLOBAL	2019	ISBN 13: 978 152 258 531 2	103-130

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019- 20)	ISSN/ ISBN/ DOI	Page No.
Nitish Sinha	Bishanka Brata Bhowmik	Digital Signal Processing Based laser phase noise compensation at coherent optical Quadrature phase shift keying receiver using k-means clustering and Viterbi-Viterbi method jointly	International	International Journal of Information Technology and Electrical Engineering	Volume 8, Issue 5	October 2019	2306-708X	78-81
Sanjukta Bhowmik,	Saytabrata Singha, Bishanka Brata Bhowmik	Optical 8PSK Generation by Cascading Squared and Rectangular QPSK Using Microring Modulators	International	Taylor & Francis Fiber and integrated Optics	Volume 38, - Issue 6	2019	1096-4681	362-368
Mithun Mukherjee	H. Birkan Yilmaz ; Bishanka Brata Bhowmik ; Jaime Lloret ; Yunrong Lv	Synchronization for Diffusion-Based Molecular Communication Systems via Faster Molecules	International	ICC 2019 - 2019 IEEE International Conference on Communications (ICC) IEEE Xplore		2019	978-1-5386-8088-9	
Anindita Bhattacharjee	Abhirup Bhawal, Anirban Karmakar, Anuradha Saha	Design of a Wideband Antipodal Vivaldi Antenna with Dielectric Fractal Lens for Biomedical Imaging Applications	International (Conference)	Proceedings of the 2nd International Conference on Information Systems & Management Science (ISMS) 2019 Tripura University, Agartala, Tripura, India		2019	http://dx.doi.org/10.2139/ssrn.3512020	
Anindita Bhattachajee	A.Bhawal, A. Karmakar, A. Saha	Design of an antipodal Vivaldi antenna with fractal-shaped dielectric slab for enhanced radiation characteristics	International (Journal)	Microwave & Optical Technology Letters	Vol. 62	2020	https://doi.org/10.1002/mop.32274	pp. 2066-2074

U. Banerjee,	A.Karmakar, A.Saha	A review on circularly polarized antennas, trends and advances	International (Journal)	International Journal of Microwave and Wireless Technologies		2020	doi: 10.1017/S175907872000331	pp. 1-22
Saytabrata Singha,	Bishanka Brata Bhowmik, Nitish Sinha	Performance evaluation of microring based two circular 16QAM modulator under amplitude spontaneous emission noise	International	SPIE Optical Engineering	Vol 59	2020	0091-3286	

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Bishanka Brata bhowmik	Teacher	1	-	-
Dr. Anirban Karmakar	Teacher	-	2	-

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Abhirup Bhawal	Part time	Study on Vivaldi Antenna Systems with Improved Radiation Characteristics for Wireless Communications Applications	Dr. Anirban Karmakar	Registered
Mr. Utsab Banerjee	Part time	Study on Circularly Polarized Antennas for modern wireless communication systems	Dr. Anirban Karmakar	Registered
Ms.Anindita Bhattacharjee	Full time	Design and analysis of compact MIMO(Multiple-Input_Multiple_Output)Antenna systems for wireless communication	Dr.Anirban Karmakar	course work done
Ms.Piyali Chakraborty	Full time	Design and analysis of compact Dielectric Resonator Antennas(DRA) for wireless applications	Dr.Anirban Karmakar	course work done
Mr. Satyabrata Singha	Full time	Design and characterization of micro ring resonator based modulator in high optical communication	Dr. Bishanka Brata Bhowmik	course work done
Mr. Srikanta Das	Full time	Design and characterization of micro ring resonator based logic circuits and optical components	Dr. Bishanka Brata Bhowmik	course work done

5. Outreach Footprint of the Department:

5.1 Interaction with Industry/ NGO / Govt. Organization : (For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
Electronics and communication Engineering	1	Bharat Sanchar Nigam Limited	To observe the working of various optical instruments, optical link design, bandwidth distribution of optical fiber communication network etc.

5.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Bishanka Brata Bhowmik	Institute of Engineers' (India)	Graduate
Dr. Anirban Karmakar	IEEE	Senior Member

6. Major thrust area of research:

Free space optical communication, Microwaves, Antennas & Propagation, Optical Fiber Communication & Photonics

7. New initiatives/Innovations:

Research on Circular polarized Dielectric Resonator Antenna for wireless applications.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
3	2	-
-	1 (optical fiber communication lab)	1 (Antenna Measurement Lab)
-	1 (Microwave Lab)	-

9. Major Instruments available in the Department: Microwave Bench Setup, Microstrip Antenna Trainer kit, Advanced Fiber Optic Network Training Module with Dual wavelength Fiber Optic LASER Source and Detector, OTDR, Fiber Optic Power Meter, Fusion Splicing Machine, Visual Fault Locator.

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Anirban Karmakar	-	UGC	Design of Ultra-Wideband compact Dielectric Resonator Antenna (DRA) systems for portable wireless devices applications	10 Lakhs	8 Lakhs	2 Years

11. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution	Remarks
Mr. Suman Debnath	Tripura state NSS cell best male volunteer award	20th February 2020	Tripura State NSS cell	
Ms. Piyali Chakraborty	Best paper Award		ICCCIOT 2020	

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF FORESTRY AND BIODIVERSITY

Head of the Department	:	Dr. Sabyasachi Dasgupta
Year of Establishment	:	2011
Programmes on offer	:	M.Sc. in Forestry and Biodiversity Ph.D. in Forestry and Biodiversity
Intake capacity	:	M.Sc.- 25, Ph.D.

Major achievements/ Vision of the Department :

The Department of Forestry and Biodiversity came into existence in September 2011 under the Faculty of Science to emerge as a Centre of Excellence in Forestry and Biodiversity Conservation and Management. The Department shall also strive to deal with the solution based forestry research in tune with the emerging issues in the sector. This Department aims to carry out research in Agroforestry, Forest Biotechnology, Silviculture and Tree improvement, Ecosystem services, Ecological Modeling, Conservation of biodiversity, Restoration ecology etc. using the principles of sustainable management of Natural Resources. The courses offered are regularly modified to suit need based forestry teaching, research and extension activities for producing skilled forestry professionals. The students pursuing post graduate programmes in forestry and biodiversity can pursue the role of Forest Officers, Dendrologist, Ethologist, Silviculturist, Zoo Curators, Researcher & Academician etc. in Government, Private and Non-Government Organisations (NGOs). Most of the passed out students have been absorbed in academic and research institutions. The Department also assists in the transfer of technology to the users viz, farmers/orchardists, state forest departments and different voluntary organizations. The Department is striving to create recognition in the field of Tropical Forestry and Biodiversity research at international arena with special emphasis on South East Asia.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D. Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr Sabyasachi Dasgupta	M. Sc. (Forestry) Ph. D. (Forestry)	Associate Professor	Full Time	Conservation Ecology of wildlife/ Environmental Impact Assessment/ Climate change impact	14 years of Teaching; 18 years of research; 12 years of Consultancy.	03	03		04	245	08
Dr. Bimal Debnath	M. Sc. Ph. D. (Life Sciences)	Assistant Professor (Stage-III)	Full Time	Biodiversity, Forest Biotechnology, & Medicinal Plants	16 Years	02	02	21	04	78	05

Dr Thiru Selvan	M. Sc. (Forestry) Ph. D. (Forestry)	Assistant Professor (Stage-II)	Full Time	Forest Biology and Tree Improvement; Natural resource Management; Silviculture	10 years of Teaching; 11 years of Research and 18 Years of Job experience	01	02	25	04	77	04
Dr. Sourabh Deb	M.Sc. Ph.D. (Ecology and Environmental Sciences)	Assistant Professor (Stage-II)	Full time	Carbon dynamics and Ecosystem Services	9 years of teaching, 10 years of research	-	04	24	04	305	10

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
S. Deb		Traditional Agro-forestry Systems of Northeast India.	N. Roy, S. Roy choudhury, S. Nautiyal, S.K Agarwal and S. Baksi	Socio-economic and Eco-biological Dimensions in Resource use and Conservation	International	Springer	2019	978-3-030-32463-6	103-115

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings / Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Subhasis Mahato,	Kaiser Iqbal, Showkat Aziem, Aatif Hussain, Sabyasachi Dasgupta, NP Todaria	Wood Specific Gravity of Temperate Forest Species of Garhwal Himalaya, India	International	Indian Forester	145-11	2019	ISSN: 0019-4816	1035-1038
Kishor Sharma	Acharya, Bhoj Kumar; Sharma, Ghanashyam; Valente, Donatella; Pasimeni, Maria Rita; Petrosillo, Irene; Selvan, Thiru	Land use effect on butterfly alpha and beta diversity in the Eastern Himalaya, India	International	Ecological Indicators	110	2020	10.1016/j.ecoind.2019.105605	105605

Guleria, Vipan	Guleria, Vipan; Choudhary, Punit; Vashisth, Amol; Gupta, Atul; Selvan, Thiru	Studies on the physical characteristics, properties and productivity potential of exotic and indigenous bamboos in rainfed subtropical environment	National	Journal of Pharmacognosy and Phytochemistry	9	2020	ISSN: 2349-8234	1552 - 1558
Moitree Taran	Sourabh Deb	Utilization Pattern of Macrophytes in Rudrasagar Lake, a Ramsar Site in India	International	Applied Ecology and Environmental Sciences (SciEP)	8 (4)	2020	2328-3912	179-186
Dipankar Deb	Sourabh Deb, P. Debbarma, and B. Banik	Impact of disturbance on vegetation, biomass and carbon stock in tropical forests of Tripura, Northeast India.	International	Vegetos (Springer)	33 (1)	2020	2229-4473	187-193
Guleria, Vipan	Guleria, Vipan; Choudhary, Punit; Vashisth, Amol; Gupta, Atul; Selvan, Thiru	Studies on the physical characteristics, properties and productivity potential of exotic and indigenous bamboos in rainfed subtropical environment	National	Journal of Pharmacognosy and Phytochemistry	9	2020		1552 - 1558
Thiru Selvan	Sabyasachi Dasgupta and Kiran Murasing	Conservation based Ecotourism Through Community Participation - A case from Tripura India	International	International Forestry Working Group Newsletter Working Group B3	8	2020		55-57
Moitree Taran	Sourabh Deb	Plant diversity and ecosystem services of wetland based agroforestry system in Tripura, Northeast India	National	Indian Journal of Agroforestry	21 (2)	2019	0972-0715	13-17
Chiranjit Paul	Bimal Debnath	Assessment of sex specific relationship among nine <i>Dioscorea</i> species found in Tripura by using morphometric and micro morphometric markers	International	Vegetos (Springer)	33(3)	2019	2229-4473	254-268

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr Sabyasachi Dasgupta	Teacher	-	02	01
Dr. Bimal Debnath	Teacher	-	01	-
Dr Thiru Selvan	Teacher	-	02	01
Dr Sourabh Deb	Teacher	01	01	01

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr Sourabh Deb	Agartala	13th Nov, 2019	Forest Research Centre for Livelihood Extension, Agartala	Prospective livelihood opportunities from the forest.
Dr Sourabh Deb	Online popular talk	23rd May, 2020	Rabindranath Thakur Mahavidyalaya, Bishalgarh, Tripura	'Our solutions are in Nature' for the observation of International day for Biodiversity'

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Par time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ms. Lumgailu Panmei	Full time	Undergoing coursework	Dr Thiru Selvan	Yet to be registered

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
01	30th September and 1st October 2019	2 days	Economic Valuation of Bioresources	Workshop	National	30 (Thirty)
02	03-04 July, 2019	2 days	River and Water Management for Sustainable Development with Policy Perspective	Workshop	National	30 (Thirty)
03	13-25 April April 2020	12 days	Basic Principles of Remote Sensing Technology	Coordinated the online course organised by IIRS, Dehradun	National	22 (Twenty Two)
04	2 nd February, 2020	01 Day	Celebration of World Wetlands Day at Rudrasagar	Awareness Programme	Local	51 (Fifty One)
05	13 th March, 2020	01 day	Outreach programme of Bio-NEST, NIPER, Guwahati	Conference	National	120 (One Hundred Twenty)

6.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Bimal Debnath	Refresher course on 'Science and Technology for Social development'	Faculty Development Centre, Tripura University	15 days	11-25 September, 2019
Dr Thiru Selvan	Science and Technology for Social Development	Tripura University, Suryamaninagar	15 days	11 th to 25 th Sept., 2019
Dr Thiru Selvan	NRDMS-DST Winter School on Geospatial Technologies	NIT, Agartala	21 days	29 th Nov. to 19 th Dec., 2019
Dr Sourabh Deb	Refresher course on 'Science and Technology for Social development'	Faculty Development Centre, Tripura University	15 days	11-25 September, 2019

7. Major thrust area of research:

- Biodiversity
- Species invasion
- Forest Biotechnology & medicinal Plants
- Agroforestry
- Forest Biotechnology
- Silviculture and Tree improvement
- Ecosystem services
- Ecological Modeling
- Conservation of biodiversity
- Restoration ecology

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
05	01	04

9. Major Instruments available in the Department:

- Remi Mini Rotary Shaker
- Whirlpool Refrigerator
- Refrigerated Centrifuge
- Environmental Test Chamber
- Spectrophotometer (mini)-manual
- Electronic Balance
- Flame Photometer
- Digital Conductivity Meter
- Magnetic Stirrer
- Laminar Flow
- Autoclave
- Laboratory Centrifuge
- Ph Meter
- Trinocular Microscope
- Kjeldahl Nitrogen Analyzer (DST-AICP Project)
- Muffle furnace (DST-AICP Project)-
- Hot Air Oven (DST-AICP Project)
- Computer with Arc GIS software (DST-AICP Project)
- PCR

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr Sabyasachi Dasgupta	Dr Thiru Selvan	IERP	Impact Assessment and Restoration of Degraded Monoculture plantation of natural rubber (<i>Hevea brasiliensis</i>) Through Understory Development for Diversified Livelihood Options in Tripura.	9.9528	Nil	3 years
Dr. Bimal Debnath		DBT, New Delhi	Integrated approach to understand agarwood formation and value addition of Agarwood (<i>Aquilaria malaccensis</i>)	17.300	Nil	3 years
Dr. Bimal Debnath		DBT, New Delhi	Phytochemical and pharmacological evaluations of bioactivity guided fractions of medicinal plants of Tripura	47.00	Nil	3 years
Dr Thiru Selvan	Dr Sabyasachi Dasgupta	NMHS	Conservation of Biodiversity and Livelihood Enhancement through Community-Based Forest Management and Ecotourism in and around Submergence of Small Hydropower Project	43.7	Nil	3 years
Dr Sourabh Deb	-	DST, New Delhi	Net ecosystem production and carbon dynamics of forest ecosystems in North-East India in relation to altitude and latitude gradient: Implication for carbon sink management	Rs 3506960/-	Rs 1040040/-	3 years
Dr Sourabh Deb	-	NMHS, MoEF, Almorah	Jal Abhyaranya Campaign for Water Security in IHR" for Dhalai, Tripura.	Rs 199120/-	Rs 95000/-	3 months
Dr Sourabh Deb	-	NMHS, MoEF, Almorah	Restoration of Ecosystem Services by Community Involvement in Rudrasagar Lake of Tripura	Rs 2447200/-	Rs. 789955/-	2 years

11. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Bimal Debnath	IIT (BHU), Varanasi, UP	Phytochemical and pharmacological evaluations of bioactivity guided fractions of medicinal plants of Tripura.	2018 - 2021
Dr Thiru Selvan	Central Universities in Himalayan Region of India	Development of Eco-friendly and cost effective tourism in the hills	2020-2021
Dr Sourabh Deb	Mizoram University, Assam University, North Eastern Hill University	Net ecosystem production and carbon dynamics of forest ecosystems in North-East India in relation to altitude and latitude gradient: Implication for carbon sink management	2020-2023

12. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Manaswita Chanda	F	GEN	No	JICA, Tripura Forest Department	Programme Manager, Forest Technology	Orion Security Sol. Pvt. Ltd	Written and Interview
Debjani Nath	F	OBC	No	Tripura Rural Livelihood Mission, Rural Development Department, Govt of Tripura	Livelihood Coordinator-NF	TRLM	Written , Interview, Group Discussion
Prakash Debbarma	M	ST	No	Tripura Rural Livelihood Mission, Rural Development Department, Govt of Tripura	Livelihood Coordinator-NF	TRLM	Written , Interview, Group Discussion
Maria Debbarma	F	ST	No	Centre for Forest-based Livelihoods and Extension, Tripura	Junior Research Fellow	CFLE	Interview
Kartik Das	M	SC	No	Finance Department, Secretariat, Tripura	LDST	TPSC	Written
Subham Debnath	M	OBC	No	JICA, Tripura Forest Department	Data Analyst	Orion Security Sol. Pvt. Ltd	Interview
Sambit Deb	M	GEN	No	JICA, Tripura Forest Department	Data Analyst	Orion Security Sol. Pvt. Ltd	Interview
Ujjal Sarkar	M	SC	No	ICMR, Malaria project, Ambassa	Junior Research Fellow		Interview
Lucy Debbarma	F	ST	No	MBB Airport, Agartala	Security Officer	Airport Authority	

DEPARTMENT OF GEOGRAPHY & DISASTER MANAGEMENT

Head of the Department : Dr. Y.V. Krishnaiah
 Year of Establishment : 2004
 Programmes on offer : M.A. / M.Sc. and Ph.D.
 Intake capacity : 26

Major achievements/ Vision of the Department :

The Department has received four Major Research Projects from the Ministry of Earth Science, Department of Science and Technology, Indian Council of Social Science Research and Department of Bio-Technology. The Department has also organized one National Workshop on “Gender Budgeting and Gender Equality in Rural Areas”. A good number of students have qualified in NET and SET, and also got selected for different services.

Vision of the department:

- i) To carry out collaborative research projects with other Central and State Universities and
- ii) To make the students more skilled and professional, competitive and employable.
- iii) To motivate the students for higher studies like Ph.D.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis (Dissertation) Guidance		Citation	H-index
						Awarded	Existing	Awarded	Existing		
Dr. Nibedita Das (Pan)	Ph.D.	Associate Professor	Full time	Fluvial Geomorphology, Fluvial Hazard and Disaster Management, Land use/Land cover change.	28 years including 12 years in Govt. Degree College, Tripura	02	01	-	4	44	3
Dr. Y.V. Krishnaiah	Ph.D. (Geography), M.Ed., M. Phil. (Education)	Associate Professor and Head	Full time	Applied Climatology, Water Resource and Watershed Management, Application of RS & GIS	15 years (including B.Ed. College)	-	02	-	3	6	2
Mrs. Jimmi Debbarma	M.A (NET)	Assistant Professor	Full time	Environment, Population and Resource Geography	13 years 9 Months	-	-	-	4	-	-
Dr. Mousami Debbarma	Ph.D.	Assistant professor	Full time	Human Geography	9 years 6 Months	-	02	-	4	-	-

Dr. Saptarshi Mitra	Ph.D.	Assistant Professor	Full time	Regional Planning, Urban and Rural Planning & Development, Tourism Geography, Political Geography, Transport Geography	10 Years (including 1Year 3 months in College under WBCSC	-	04	-	04	20	2
Dr. Eshita Boral	Ph.D.	Assistant Professor	Full time	Urban and Transport Geography	4 years 6 months	-	02	-	4	-	-

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Stabak Roy	Saptarshi Mitra	Railway Stations of Tripura, India: An Assessment of Infrastructural Condition	Sumana Bandyopadhyay, C.R. Pathak, Tomaz Ponce Dentinho	Urbanization and Regional Sustainability in South Asia	International	Springer Nature	2019-20	978-3-030-23795-0, 4687	177-198
Stabak Roy	Saptarshi Mitra	Impact of Globalisation on Socio-Economic Profile of Traditional Tribal Weavers' in Tripura: A study on Chakma Community	Tanaya Majumder and Anwesha Chattopadhyay	Globalisation and India's Transformation	National	Crescent Publishing Corporation,	2019-20	978-9387537255	226-239

2.2 Full papers published in journals/ proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISBN / DOI	Page No.
Y.V. Krishnaiah	-	Water Resource Management of the Tishi River Basin, Nagaland.	National	'River and Water Management for Sustainable Development with Policy and Perspectives'.	1	2019		Pg: 59-62

Sima Majumder	Nibedita Das (Pan)	Combining open source GIS and meta-analysis to link rainfall trend and human activity: A case study on Gumti and Khowai drainage system, Tripura, India.	International	Spatial Information Research, Springer publication.	28	2019	ISBN : 2366 - 3286	Page No.2 87-298
Jatan Debnath	Nibedita Das (Pan) and Istak Ahmed	An attempt to analyse the driving forces of land use change of a tropical river basin: A case study of the Muhuri River, Tripura, North-East India	International	International Journal of Ecology and Development	35(2)	2020	ISSN :0972-9984	Page No. 13-30
Stabak Roy	Tapan Barman and Saptarshi Mitra	Passengers' Perception and Persuasion on Railway Transport System of Tripura	National	Indian Journal of Landscape System and Ecological Studies	41:1	2019-20	0971 - 4170	115-129
Stabak Roy	Souritra Bajpayee and Saptarshi Mitra	Infrastructural Intervention and Development of Railway Transport System: Evidence from Agartala-Sabroom Section, Tripura, India	National	Indian Journal of Regional Science	51:2	2019-20	0046 - 9017	117-133
Bijoy Das	Eshita Boral	Assessment of the road characteristics of selected north-south and east-west aligned roads within Agartala Municipal Corporation, Tripura, India	National	Current Science	119(1)	2019-20	0011 - 3891	112-118

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Y.V. Krishnaiah	Teacher	01	02	-
Mrs. Jimmi Debbarma	Teacher	01	-	-
Dr. Saptarshi Mitra	Teacher	04	01	-
Dr. Eshita Boral	Teacher	02	--	-
Mr. Stabak Roy	Research Scholar	02	02	-
Mr. Debasish Debbarma	Research Scholar	01	-	-
Mr. Abhijit Santra	Research Scholar	01	-	-
Mr. Somprakash Dhar	Research Scholar	01	-	-
Mr. Kausik Panja	Research Scholar	02	6	-
Mr. Sajal Ghosh	Research Scholar	01	5	-
Mr. Ajoy Barman	Research Scholar	-	6	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Y.V. Krishnaiah	National Seminar (Webinar), Borholla College, Jorhat , Assam	19 th June, 2020	Borholla College, Jorhat, Assam	'Major Disaster of India and Recent-Disaster and Management.
Nibedita Das (Pan)	New Guest House, Tripura University	4 th July, 2019	Tripura University in collaboration with Ganga Mission, Jalbiradri.	<i>Effect of climate change on rivers of Tripura: an observation'</i> in two days workshop on "River and Water Management for Sustainable Development with Policy Perspectives" sponsored by Govt. of Tripura
Nibedita Das (Pan), Resource person.	On-line [Webinar]	29 th May, 2020	Mansi Bharat Gada Degree College of Commerce, Bhiwandi (MS) in association with Youth for International Trust, Tripura and SKECT, Women Water Warriors, Mumbai.	<i>'Aggradational status of some rivers of Tripura and probable remedial measures'</i> in National Level Workshop on "Awareness campaign to rejuvenate Haora, Gumti and other rivers in Tripura region for realizing and maximizing potential"
Saptarshi Mitra	Sanasa Campus, Kegalle, Sri Lanka	17 th January, 2020	RScASL, Sanasa Campus, Kegalle, Sri Lanka	Regional Geography of India
Saptarshi Mitra	Tripura University	16 th November, 2019	Deptt of Bengali, Tripura University & Byanjanbarna Foundation, Kolkata	Rural Agricultural Economy in India & Contemporary Bengali Literature

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Istak Ahmed	Full time	Sedimentation problem of regulated rivers and its impact on geographical environment: A case study of the Gumti River, Tripura.	Dr. Nibedita Das(Pan)	Awarded
Mr. Jatan Debnath	Full time	A geo-environmental study on land use/land cover change in the Muhuri Basin, Tripura, North-East India.	Dr. Nibedita Das (Pan)	Awarded
Mr. Debasish Debbarma	Full Time	Salient features of Auto Rickshaw Transport services in Agartala Municipal Corporation area in Tripura: A Geographical Appraisal	Dr. Saptarshi Mitra	Theses Submitted; viva-voce examination has been conducted on 24.6.2020
Mr. Kausik Panja	Full time	Land Use Change, Cropping Pattern and Food Security in West Tripura District, Tripura	Dr. Y.V. Krishnaiah	Registered
Ms. Atoshi Chakma	Part time	Impact of Urbanisation on Water Quality of Agartala City, Tripura.	Dr. Y.V. Krishnaiah	Registered
Mr. Debasish Kundu	Part time	Roll of Metro Railway in Mass Transportation Scenario of Kolkata Metropolitan Area	Dr. Eshita Borol	Registered
Mr. Sajal Ghosh	Full time	Road Infrastructure and Traffic Characteristics of Kolkata Municipal Corporation Area: A Geography Analysis	Dr. Eshita Borol	Registered
Mr. Ajoy Barman	Full time	A Geographical Perspective on the School dropouts among the Schedule Castes and Schedules Tribes in the Dooar Region of West Bengal.	Dr. Mousami Debbarma	Registered
Mr. James Dev Verma	Part time	Socio-Economic Status of Cycle Rickshaw Pullers in Agartala Municipal Corporation Area: A Geography Appraisal	Dr. Mousami Debbarma	Registered
Ms. Sudipta Pal	Part time	-	Dr. Nibedita Das (Pan)	Undergoing Coursework
Ms. Sudeshna Debbarma	Full time	-	Dr. Mousami Debbarma	Undergoing Coursework
Mr. Pradip Debnath	Full time	-	Dr. Saptarshi Mitra	Undergoing Coursework

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1.	3-5 March, 2020	3 days	Gender Budgeting and Gender Equality in Rural Areas	Workshop	State Level	49

6.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Mousami Debbarma	Rural Development, New Media and Social Change	FDC, Tripura University	14 Days	01 st July,2019 to 14 th July,2019
Dr. Eshita Boral	Rural Development, New Media and Social Change	FDC, Tripura University	14 Days	01 st July,2019 to 14 th July,2019
Mrs. Jimmi Debbarma	Science and Technology for Social Development	FDC, Tripura University	15 Days	11-25 September, 2019

7. Major thrust area of research:

1. Fluvial Geomorphology with focus on Hazards Analyses and Disaster Risk Reduction Strategies.
2. Applied Climatology, Water resources & Watershed Management.
3. Remote Sensing and GIS Application.
4. Environmental Studies.
5. Geography of Tourism.
6. Regional Planning and Development.
7. Rural Studies.
8. Urban Studies.
9. Transport Planning.
10. Population Studies with focus on Development.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
04	Remote Sensing & G.I.S. Lab	Regional Planning, Urban & Rural Development Lab. (DST, DBT, ICSSR)
-	Resource & Disaster Management Lab.	-
-	Fluvial Hazard Analysis Lab.	-

9. Major Instruments available in the Department:

- 1) Global Positioning System (GPS)
- 2) Total Station
- 3) Soil Erosion Monitoring System
- 4) Soil Resistivity Meter

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Mrs. Jimmi Debbarma	Dr. Chandrani Debbarma	Ministry of Earth Sciences	Continuous Measurements of crustal deformation using GPS in the Tripura fold belt	Rs.109.69275	Rs.6.0 Lakhs	Three years and four months
Dr. Saptarshi Mitra	Mr. Samrat Hore	DST	Identification, Assessment and Model Building of Urban Morphology using Geospatial Techniques A Study of Border City Agartala, Tripura	Rs. 20.39	-	Two

Dr. Saptarshi Mitra	Dr. Punarbasu Choudhuri	DBT	Environmental Impact of Anthropogenic Activities on Wetland Bio-Diversity of Rudrasagar Lake, The Ramsar Site of Tripura	Rs.66.55	Rs.31.99 Lakhs	Three
Dr. Saptarshi Mitra	-	ICSSR	Tribal Culture and Problems, Prospects and Strategies for Development of Tourism Economy in Tripura: A Geographical Appraisal	Rs.7.45	Rs.2.98 Lakhs	Two

11. Awards/Medals/Honours[#] (State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr. Y.V. Krishnaiah	DGSI National Award "BHUGOL-SHASTRA BHUSHAN -2019"	27 th September, 2019	Deccan Geographical Society of India, Pune.	-

In case of sports, inter university, zonal may also be considered.

12. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Saptarshi Mitra	University of Calcutta	DBT PROJECT	2019-2020

13. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/ OBC/EWS/ MIN)	PH (Yes /No)	Name of the Organization/ Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/ UPSC/TPSC/Others/SWT*/SWO**)
Mr. Dwipen Barman	M	SC	No	UGC Net- National Testing Agency	NET
Ms. Bharati Tripura	F	ST	No	UGC Net- National Testing Agency	NET
Mr. Mihir Adhikari	M	SC	No	UGC Net- National Testing Agency	JRF
Mr. Miman Islam	M	OBC	No	UGC Net- National Testing Agency	NET
Mr. Ujjal Das	M	SC	No	UGC Net- National Testing Agency	SLET
Ms. Bulti Das	F	SC	No	UGC Net - National Testing Agency	NET
Mr. Sagar Debbarma	M	ST	No	TPSC	TPSC

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

14. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Mr. Sagar Debbarma	M	ST	No	Tripura Public Service Commission	TCS-II	Tripura Public Service Commission	TPSC (TCS/TPS) Examination
Mr. Tapan Barman	M	SC	No	West Bengal Govt. Police	Police Constable	-	-
Mr. Gopal Banik	M	GEN	No	Sarba Siksha Abhijan (SSA)	Block Resource Person	-	Interview
Mr. Shibu Das	M	SC	No	Sabroom Eng. Med. HS School, South Tripura	PGT	Teachers' Recruitment Board of Tripura	Selection Test for Post Graduate Teacher
Mr. Piklu Saha	M	OBC	No	Mairachari H.S. School, Sabroom, South Tripura	PGT	Teachers' Recruitment Board of Tripura	Selection Test for Post Graduate Teacher
Mr. Pradip Nama Sudra	M	SC	No	Ganganagar Eng. Med. HS School, Dhalai	PGT	Teachers' Recruitment Board of Tripura	Selection Test for Post Graduate Teacher
Mr. Siemphele Darlong	M	ST	No	Kumarghat Girls High School, Kumarghat, Unakoti	PGT	Teachers' Recruitment Board of Tripura	Selection Test for Post Graduate Teacher
Mr. Chiranjit Bhowmik	M	OBC	No	Krishna Chandra Para High School, Dumburnagar Gandachara, Dhalai	PGT	Teachers' Recruitment Board of Tripura	Selection Test for Post Graduate Teacher
Mr. Souritra Bajpayee	M	GEN	No	Water.org	District Project Manager, Chattarpur, Madhya Pradesh	-	-
Mr. Tapan Kr. Maity	M	SC	No	West Bengal Police	Constable	-	-

DEPARTMENT OF HUMAN PHYSIOLOGY

Head of the Department : Dr. Dipayan Chaudhuri
 Year of Establishment : 2007
 Programmes on offer : M.Sc. / Ph. D. in Human Physiology.
 Intake capacity : 29

Major achievements/ Vision of the Department :

The department strives for excellence in biomedical research and education to advance human health and welfare. The basic principle that provides the foundation for the study of human physiology is the maintenance of homeostasis through the operation of complex control systems encompassing all levels of the hierarchy of human structure and function (i.e., cells, tissues, organs, and organs systems). Therefore, the course in the curriculum emphasizes an integrated study of humans across this hierarchy of structure and function. Along with teaching, the faculty in the Physiology Department conducts outstanding, cutting-edge research on fundamental functions of cells and tissues. There is also a keen interest in the cellular and molecular basis of diseases and translation of basic science research to develop novel therapeutic approaches.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Samir Kr.Sil	M.Sc, NET, Ph.D	Professor	Full time	Cell Signaling., Biochemistry, Wound healing physiology, cancer biology, Molecular Genetics	26yrs	03	04	06 M.Sc. Projects	-	991	11
Prof. Debasish Maiti	M.Sc. Ph.D	Professor	Full time	Immunology, Cancer biology and Cell Signalling	Teaching 11 yrs Research 19 yrs	-	03	06 M.Sc Projects	-	750	13
Dr. Dipayan Choudhuri	M.Sc. Ph.D	Associate Professor	Full time	Endocrinology and Reproductive Physiology	Teaching 30 yrs Research 33 yrs.	01	04	06 M.Sc. Projects	-	214	09
Dr. Sudipta Pal	M.Sc., Ph.D.	Assistant Professor	Full time	Biochemistry and biochemical Toxicology	Teaching 12 yrs Research 19 yrs.	01	-	06 M.Sc. Projects	-	284	10

2. Papers published in journals:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Magazine	Volume	Year (2019-20)	ISSN/ DOI	Page No.
P.C. Dey and R Das	Debasish Maiti	Antibacterial activity of MPA-capped CdTe and Ag-doped CdTe nanocrystals: Showing different activity against gram-positive and gram-negative bacteria"	International (Publisher: Springer)	Chemical Papers	-	2020	DOI: https://doi.org/10.1007/s11696-020-01170-w	-
Ashish Kr Singha and Debasish Maiti	Chaitali Sarkar, Debabrata Majumder, Rahul Debnath, Manasi Saha	IL-15 and GM-CSF stimulated macrophages enhances phagocytic activity in ENU induced leukemic mice.	International (Elsevier)	Immuno-biology	225(2)	2020	10.1016/j.imbio.2019.12.003	151894
Rahul Debnath and Debasish Maiti	Debabrata Mjumder, Priyatosh Nath, Durgadas Ghosh	(2019): Bromelain plus Peroxidase Reduces Non-Hodgkin Lymphoma Progression in invivo via Up-regulation of Antioxidant Enzymes and Modulating Apoptotic Protein Expression.	International (Routledge Taylor and Francis Group)	Nutrition and Cancer	-	2019	10.1080/01635581.2019.1670217	1-11
Kanu Shil and Sudipta Pal*	*Corresponding author	Metabolic and morphological disorientations in the liver and skeletal muscle of mice exposed to hexavalent chromium	International (Springer-Verlag London Ltd., part of Springer Nature	Comparative Clinical Pathology	28(6)	2019	ISSN: 1618-5641 DOI: 10.1007/s00580-019-03014-w	Published online on 25July, 2019
Pritha Das, Sudipta Pal* and Surochita Basu	*Corresponding author	Metabolic Adaptability in Liver and Gastrocnemius Muscle of Mice Following Sub-acute Lead Toxicity	International (SAGE Publications, London)	Toxicology and Industrial Health	Accepted	June, 2020	ISSN: 0748-2337	-
Dr. Dipayan Choudhuri	Sandeep Das and Dipayan Choudhuri	Dietary calcium regulates the risk renal injury in high fat diet induced obese rats by regulating renal lipid metabolism, oxidative stress and inflammation	International (Taylor and Francis Group)	Archives of Physiology and Biochemistry	In Press	2020	https://doi.org/10.1080/13813552.2020.1746812	In Press

Dr. Dipayan Choudhuri	Sandeep Das and Dipayan Choudhuri	Dietary calcium regulates the insulin sensitivity by altering the adipokine secretion in high fat diet induced obese rats	International (Elsevier)	Life Sciences	250	2020	0024-3205	117560
Dr. Dipayan Choudhuri	Balaram Sutradhar, Dipayan Choudhuri	Factors Associated with Nutritional Status of Adolescent Schoolchildren in Tripura.	International Springer	Indian Pediatrics	57	2020	0019-6061	4-5
Dr. Dipayan Choudhuri	Sandeep Das and Dipayan Choudhuri	Effect of Dietary Calcium on Adipogenesis Program and its Role in Adipocyte Dysfunction in Male Wister Rats.	International Springer	Proceedings of the National Academy of Sciences, India Section B: Biological Science.	In Press	2019	https://doi.org/10.1007/s40011-019-01135-4	In Press
Dr. Dipayan Choudhuri	Nabamita Nath and Dipayan Choudhuri	Relationship Between Cardio-metabolic Risk Factors and Pulmonary Function in Young Adults .	(International)	Int. J Sci. Res	9	2020	2277-8179	59-62
Prof. Samir Kumar Sil Corresponding author	Jhinuk Basu mullick (First author),Tapan Majumdar, Kudumula Venkata Rami Reddy, Sumita Mukherjee	Activity of the medicinal plant Parkia javanica against multidrug resistant Neisseria gonorrhoeae and other clinical isolates	International	Asian Journal of Pharmaceutical and clinical research	12(9)	2019	DOI: 10.2 215 9/ajpcr. 2019.v1 2i9.336 54	83-86
Prof. Samir Kumar Sil Corresponding author	Jhinuk basu Mullick (first author), Tapan Majumdar, Jayanta Roy, Shyamal Kanti Chakraborty, Sanjib Debnath, Samrat Hore	First report on frequency of sexually transmitted infections in Tripura, North East India-teritary referral center study	International	Journal of evaluation of medical and dental sciences	8(27)	2019	DOI: 10.1 4260/ jemds/ 2019/ 482	2202-2208
Prof. Samir Kumar Sil Corresponding author	Susmita Saha, Kuladip Jana,Parimal karmakar	Cellular basis of wound healing activity of Parkia javanica (Lamk) Merr: in vitro and in vivo studies	International	Proccedings of International Conference on Wound Care, Tissue Repaire and Regenerative Medicine	5	2019	DOI: 10.2 1767 /24 72-014 3-C1-008	31

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Prof. Samir Kumar Sil	Teacher	-	06	-
Dr. Sudipta Pal	Teacher	-	05	-
Dr. Dipayan Choudhuri	Teacher	-	-	01

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Prof. Samir kumar sil	Kalyani, West Bengal	15.10.2019-23.10.2019	National Institute of Biomedical Genomics, Kalyani, West Bengal	Understanding Human Disease and Improving Human Health Using Genomics Driven Approaches
Prof. D. Maiti	Bankura, West Bengal	15-17 November 2019.	Bankura Christian College, Bankura, West Bengal	"IL-28B potentiates CTL activity in ENU induced leukemia" in Recent Trends in Physiology and Healthcare Research for Salubrious Society in PHYSICON 2019
Prof. D. Maiti	Tezpur, Assam	17-18 February 2020	Dept of Biotechnology, Tezpur University, Tezpur, Assa	"IL-28B alleviates the tumor growth through different pathway" in International Symposium on Emerging Trends and Challenges in cancer chemoprevention, Diagnosis and therapeutics.
Prof. D. Maiti	Agartala Tripura.	15th February 2020 FDC program during 11 th 24 th February, 2020	Tripura University, Suryamaninagar, Tripura.	Immunity and Fight Against Cancer: in FDC program advanced Method in Teaching at Tripura University
Dr.Dipayan Chaudhuri	Midnapore, West Bengal	21 st & m22nd January 2020	Dept. of Human Physiology, Vidyasagar University, Midnapore, West Bengal	Role of Dietary Calcium on Adipogenesis in Male Rats
Dr. Sudipta Pal	Bankura, West Bengal, India	15th -17th Nov, 2019	Bankura Christian College, Bankura, West Bengal, India	'Dietary Supplementation of Sadenosyl Methionine Protects Against Arsenic-induced Metabolic and Oxidative Stress in Wistar Rats.'

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20

Name of Scholars	Part time / Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Ms. Shilpi Saha	Part time	Studies on physical growth, nutritional status and maturation of the Chakma and the Bengali girls (aged 6-18 years) of Tripura and their comparative analysis	Prof. Samir Kumar Sil	Awarded
Ms. Jhinuk Basu Mullick	Full time	Incidence of Sexually Transmitted Infections (STIs) in Hospital Patients of Tripura and Evaluation of Selected STI Related Antibacterial Activity of Parkia Javanica and Evolvulus Nummularius with Reference to their Role in Cellular Immune Responses in Vitro.	Prof. Samir Kumar Sil	Awarded

Mr. Madhusudan Debnath	Part time	Nutritional values, medicinal properties and molecular characterization of endemic earthworm <i>Eutyphoeus gammiei</i> of Tripura, India.	Prof. Samir Kumar Sil	Awarded
Ms. Purnajita Sen	Full time	Studies on Cardiometabolic risk profile in post menopausal ethnic women of Tripura	Dr. Dipayan Chaudhuri	Awarded
Ms. Pritha Das	Full time	Studies on metabolic homeostasis in mice following sub-acute lead toxicity	Dr. Sudipta Pal	Awarded
Mr. Rahul Debnath	Full time	Studies on the effect of pineapple extract (Bromelain and peroxidase) on leukemia and Lymphoma: An in-vitro and in-vivo approach	Prof. Debasish Maiti	Thesis submitted
Ms. Susmita Saha	Full time	Molecular and cellular studies on wound healing activities of <i>Parkia javanica</i> , a medicinal plant of Tripura, Northeast India	Prof. Samir Kumar Sil	Thesis Submitted

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	10.02.20	1 Day	" Future of Human Physiology as a Basic Science subject"	Talk by : Prof. Kusal Kanti Das Professor, BLDE University, Bijapur , Karnataka, India	National	70
2	14.02.20	1 Day	" Scientific Insights into Yoga"	Distuingshed Lectrure by : Dr.Sashibala Singh, Director, NIPER,Hydrabad	National	300
3	11 th Septemb er 2019.	1 Day	Poster Presentation on Nutrition as part of Poshon Mah	Workshops	National	50
4	31.01.20 20- 03.02.20 20	4 Days	Techniques of Molecular Biology and Cell Culture Organized by Prof. Samir kumar sil	Hands on workshop	National	15

6.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Samir Kumar Sil	American Physiological society	Life member
Prof. Samir Kumar Sil	Indian Society of Human Genetics	Life member
Prof. Samir Kumar Sil	Physiological Society of India	Life member
Prof. Samir Kumar Sil	Indian Science Congress association	Life member
Prof. D. Maiti	Indian Immunology Society	2001(life member)
Prof. D. Maiti	Indian Science Congress Association,	2010 (life member)
Prof. D. Maiti	Physiological Society of India,	2010 (life member)
Prof. D. Maiti	Indian Societies of Cell Biology	2013 (life member)
Prof. D. Maiti	Society for Biotechnologists	2014 (life member) (India)
Prof. D. Maiti	American Physiological Society	2006 –till date

Dr. Dipayan Chaudhuri	Indian Science Congress,	Life member
Dr. Dipayan Chaudhuri	Physiological Society of India	Life member
Dr. Dipayan Chaudhuri	Society of Biological Scientist of India	Life member
Dr. Sudipta Pal	Physiological Society of India	Life member
Dr. Sudipta Pal	Indian Science Congress	Life member

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Sudipta Pal	Participated in 15 days' refresher course on "Science & Technology for Social Development"	Tripura University	15 days	11th -25th Sept., 2019

7. Major thrust area of research:

- i. Prof. S.K.Sil : (a) Use of natural products to prevent cancer progression and to elicit wound healing process. (b) HPV and cervical cancer c) evaluation of medicinal properties of natural products.
- ii. Prof. D. Maiti : Use of rodents as leukemia models to understand the functions of immune cells in leukemic condition. Induction of leukemia by introducing N-N' Ethylnitrosourea in rodents by using different growth factors and activation of the immune cells for the immunotherapeutic purpose - In disease conditions the abnormalities of the internal environment (both in bone marrow and peripheral blood). Expression of different genes and their signaling process in leukemia cell line and effect of different plant extract collected from north east states of India, mainly from Tripura to observe biological activity specifically against leukemia.
- iii. Dr. D. Choudhuri : a) Reproductive toxicity of Heavy metal and Ameliorative effects of Natural antioxidants b) Correlate of cardio- metabolic and pulmonary disorders in different groups of population c) Obesity and associated conditions and its prevention.
- iv. Dr. Sudipta Pal: Research study mainly focuses on evaluation of biochemical, morphological and metabolic effects of various environmental pollutants like arsenic, lead, chromium, fluoride etc. on different organ systems in animal model and possible mechanisms involved therein. The study also focuses on amelioration of organ specific toxic effects of those pollutants by administration or ingestion of natural as well as chemical antioxidants, metal chelators and plant derived compounds. Additionally, community nutritional survey is another area of the research area to evaluate nutritional status of a specific community, to identify any malnutrition related problems existing in them and also to find out or suggest possible remedial measures to combat it.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
05	03	02

9. Major Instruments available in the Department:

Real time PCR, Water purifier, Centrifuge, Spectrophotometer, Trademill, Bacteria culture laboratory, Trinocular upright Microscope, Tissue processor, Microtome, Semi-auto analyser, Hematological analyser, Laminar flow, Inverted microscope.

State Biotech Hub: Fluorescence Microscope, PCR, Realtime PCR, -80 freezer, Ice maker, Plate reader. ELISA reader, Water purifier, Sonicator, blood analyser, Ultracentrifuge, CO2 incubator, Inverted Microscope, Laminar Flow.

Sponsored Projects : Chemiluminisence, Gel – Electrophoresis Set, RTPCR, ELISA Reader, Rotavapor

10. On-going Research Projects in 2019-20

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Prof. Samir Kumar Sil	Prof. Parimal Karmakar	DBT, Govt. of India	Development of polyherbal based function biopolymer hydrogel for delivery of novel healing agents in excision and burn wound	Rs. 75,42,600.00	Rs. 30,70,000.00	03 year
Dr. Dipayan Chaudhuri	-	ICMR, Govt. of India.	Studies on the effect of calcium intake on adipocyte calcium sensing receptor activity and pathogenesis of diet induced obesity and insulin resistant in Rats.	Rs. 24,53,210.00	Rs. 5,59,013/-	02 years
Prof. Debasish Maiti	Dr. Samiran Saha	DBT, Govt. of India	-	Rs. 70.97120	Rs. 25.61	03 years

11. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Ms. Pushpita Dey	F	OBC	NO		GATE

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

DEPARTMENT OF INFORMATION TECHNOLOGY

Head of the Department : Dr. Swanirbhar Majumder
 Year of Establishment : 2002
 Programmes on offer : Ph.D., 2-year M.Tech. in Information Technology (IT) and 2 Years Master of Computer Applications (MCA)
 Intake capacity : M.Tech. in IT (20+2) and MCA (45+5)

Major achievements/ Vision of the Department :

The vision of the department is to become a Centre of Excellence and contribute to the society through excellence in scientific and knowledge-based education, utilizing the potential of Information Technology with a deep passion for wisdom, culture and values; to produce quality IT professionals capable of adapting to the changing environment and contributing to the growth of the Nation. After all, in this age of Digital India, Smart phones and Cities all around, cloud computing, big data analytics, we are an indispensable part of everybody's day to day life.

Initially on inception, the department was running the 3-year Bachelors in Computer Applications (BCA) and the 3-year Master in Computer Application (MCA). The undergraduate (UG) program of BCA was discontinued from 2015 and the last batch of those UG students passed out in 2018. The department has started the 2-year M. Tech in Information technology (IT) programme from the session 2019-20. The Department has been catering to the needs of the University for the mandatory Computer Skills foundation courses for all PG programmes. The UG programs of the University like 3 years Bachelors in Computer Applications (BCA) and BSc in Information Technology (IT) are governed by the Board of Undergraduate Studies (BUGS) of the department. As per AICTE and UGC notification the duration of MCA from the Academic Year 2020-21 is to be changed to 2 years vide 545th meeting of UGC done in December'2019.

In the academic year (2019-2020) itself the department has organized 2 international conferences and 4 workshops each of 1-week duration. One of the conferences was sponsored by North Eastern Council (NEC), Shillong and 3 of the workshops were sponsored by All India Council of Technical Education (AICTE) via the AICTE Training and Learning (ATAL), Academy Guwahati.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Swanirbhar Majumder	PhD, M.Tech, B.Tech	Associate Professor	Full Time	Biometrics, Soft Computing, Image Processing, Biomedical Signal Processing, Natural Language Processing	14	-	04	16	02	292	10

Dr. Abhishek Das	Ph.D, M.S. (USA), B.Tech	Assistant Professor (On Lien)	Full Time (on Lien)	Image Processing, Computer Vision, Internet of Things	14	-	02	-	-	84	05
Dr. Alak Roy	PhD, MTech,, B.Tech	Assistant Professor	Full Time	Wireless Ad-Hoc and Sensor Networks, Internet of Things	10	-	-	11	01	174	08
Sri Jayanta Pal	PhD (Pursuing), M.Tech,B. Tech	Assistant Professor	Full Time	Quantum- dot Cellular Automata, Quantum Computing, Digital Logic Design, Automata Theory	08	-	-	07	02	02	01
Sri Swarup Nandi	PhD (Pursuing), M.Tech, B.Tech	Assistant Professor	Contractual	Digital Electronics, ICT, IoT, Biometric Recognition, Biomedical Signal Processing	16.5	-	-	21	02	02	01
Dr. Sumanta Saha	PhD, M.Tech, MCA	Assistant Professor	Contractual	Image Processing, Fuzzy set and logic	12.6	-	-	-	-	-	-
Sri Bhaskar Biswas	M.Tech, B.Tech,	Guest Teacher	Guest	Linear Cryptanalysis	04	-	-	-	-	-	-
Smt. Tandra Sarkar	PhD (Pursuing), M.Tech, MCA	Guest Teacher	Guest	Image Processing, Face Recognition	04	-	-	-	-	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Sinam Ajit Kumar Singh	Takhellambam Gautam Meitei, Swanirbhar Majumder	Chapter 6, "Short PCG classification based on deep learning",	Dr. Basant Agarwal, Valentina E. Balas, Lakhmi Jain, Ramesh Chandra Poonia, and Manisha Sharma	"Deep Learning Techniques for Biomedical and Health Informatics"	International	Elsevier Academic Press.	2020	ISBN: 978-0-12-819061-6 DOI:10.1016/B978-0-12819061-6.0006-9	141-164
Sinam Ajit Kumar Singh	Swanirbhar Majumder	Chapter 1, "Short and noisy Electrocardiogram classification based on deep learning",	Himansu Das, Chittaranjan Pradhan and Nilanjan Dey	"Deep Learning for Data Analytics- Foundations, Biomedical Applications, and Challenges",	International	Elsevier Academic Press	2020	ISBN: 978-0-12-819764-6 DOI: 10.1016/B978-0-12-819764-6.0002-8	1-19

Ranadhir Debanath	Swarup Nandi and Swarnirbhar Majumder	Fingerprint Authentication System for BaaS Protocol	Jyotsna Kumar Mandal, Somnath Mukhopadhy, Alak Roy	In: Applications of Internet of Things - Proceedings of ICCIoT 2020	International	Lecture Notes in Networks and Systems, Springer	2020	ISBN: 978-981-15-6197-9 ISSN: 2367-3370	-
Mampi Devi	Alak Roy	Angle-Based Feature Extraction Method for Fingers of Hand Gestures Recognition	Jyotsna Kumar Mandal, Somnath Mukhopadhy, Alak Roy	In: Applications of Internet of Things - Proceedings of ICCIoT 2020	International	Lecture Notes in Networks and Systems, Springer	2020	ISSN: 2367-3370	-
Madhurima Bhattacharya	Alak Roy	Smart Irrigation System using Internet of Things	Jyotsna Kumar Mandal, Somnath Mukhopadhy, Alak Roy	In: Applications of Internet of Things - Proceedings of ICCIoT 2020	International	Lecture Notes in Networks and Systems, Springer	2020	ISSN: 2367-3370	-

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Page No.
Sinam Ajit Kumar Singh	Swanirbhar Majumder	"Short unsegmented PCG classification based on ensemble classifier",	International	TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES,	28	2020	doi:10.3906/elk-1905-165, E-ISSN:13036203 ISSN: 1300-0632.	875-889
Ranadhir Debnath	Swarup Nandi and Swarnirbhar Majumder	"Fingerprint Authentication System for BaaS Protocol"	International	International Conference on Computer Communication and Internet of Things (ICCCIoT 2020) as Chapter No 4, in Lect. Notes in Networks, Syst.: Applications of Internet of Things	137	2020	ISBN: 978-981-15-6197-9	-
Joyanta Basu	Swanirbhar Majumder	"Identification of Seven Low-Resource North-Eastern Languages: An Experimental Study",	International	First Doctoral Symposium on Intelligence Enabled Research (DoSIER 2019)	1109	2019	Print ISBN 978-981-15-2020-4, Online ISBN 978-981-152-021-1	71-81
Maibam Sanju Meetei	Aheibam Dinamani Singh, Swarnirbhar Majumder	"An Engineering Approach for Modeling and Design of a Diaphragm Based Comb Drive Capacitive Pressure Sensor"	International	5th International Conference on Information & Management Skills (ICCM) 2019	-	2019	ISSN: 1556-5068,	70-73

Maibam Sanju Meetei	Aheibam Dinamani Singh, Swanirbhar Majumder	"A Novel Design and Modeling of Beam Bridge structure Piezoelectric Pressure Sensor base on ZnO"	International	5th International Conference on Information & Management Skills (ICCM) 2019	-	2019	ISSN: 1556-5068,	106-110
Maibam Sanju Meetei	Aheibam Dinamani Singh, Swanirbhar Majumder	"A Mathematical Modelling and 3D Analysis of PZT-5H Piezoelectric BaseBridge Pressure Sensor"	International	International Journal of Mechanical Engineering and Technology (IJMET)	10	2019	ISSN Print: 0976-6340 and ISSN Online: 0976-6359	407-415
Takhella mbam Gautam Meitei,	Sinam Ajit kumar Singh, Swanirbhar Majumder	"FPGA based Analysis of PCG Signal for Heart Conditions"	International	International Seminar Cum Research Colloquium on MEMS based Sensors and Smart Nanostructured Devices (MSSND-2019)	-	2019	-	-
Alak Roy	Nityananda Sarma	RPCP-MAC: Receiver Preambling with Channel Polling MAC Protocol for Underwater Wireless Sensor Networks	International	International Journal of Communication Systems	33	2020	SSN 2352-8648 (SCI Journal)	1-25
Alak Roy	Nityananda Sarma	A Synchronous Duty-Cycled Reservation Based MAC Protocol for Underwater Wireless Sensor Networks	International	Digital Communications and Networks, Elsevier	5	2020	ISSN 0010-4620 (SCI Journal)	-
Alak Roy	Nityananda Sarma	Multichannel Ordered Contention MAC Protocol for Underwater Wireless Sensor Networks	International	The Computer Journal	63	2020	ISSN 0010-4620 (SCI Journal)	-
Alak Roy	Ayan Bhattacharya , Mampi Devi and Mrinal Kanti Debbarma	Smart Home Automation System using Internet of Things		International Conference on Computer Communication and Internet of Things (ICCCIoT 2020)	-	2020	-	-
Alak Roy	Nityananda Sarma	Effect of Hop Length on Performance of MAC Protocols for Underwater Wireless Sensor Networks	International	International Conference on Recent Advances In Mathematics And Its Applications (ICRAMA-2019)	-	2019	-	-

Alak Roy	Mampi Devi	Moment Invariant Feature Extraction from Hand Gestures of a Dancer	International	International Conference on Recent Advances In Mathematics And Its Applications (ICRAMA-2019)	-	2019	-	-
Jayanta Pal	Shiboprosad Bhatta-charjee, Apu Kumar Saha, Paramartha Dutta	Study on Temperature Stability and Fault Tolerance of Adder in Quantum-dot Cellular Automata	International	2019 5th International Conference on Signal Processing, Computing and Control (ISPCC)	-	2019	10.1109/ISPCC 48220.2019.8988491	69-74
Jayanta Pal	Bibhash Sen, MojtabaNoorallahzadeh, Jyotirmoy Sil Sharma, Dhruvajyoti Bhowmik, Apu Kumar Saha	Regular Clocking Scheme based Design of Cost-efficient Comparator in QCA	International	Indonesian Journal of Electrical Engineering and Computer Science	21	2020	Accepted	-
Mrinal Goswami	Jayanta Pal, Bibhash Sen	In Memory Computation using Quantum-dot Cellular Automata	International	IET Computers & Digital Techniques		2020	Accepted	

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop / Summit attended		
		International	National	Institution Level
Swanirbhar Majumder	Teacher	0	1	1
Alak Roy	Teacher	0	0	0
Jayanata Pal	Teacher	0	0	0
Swarup Nandi	Teacher	1	1	0
SumantaSaha	Teacher	0	0	0

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. S. Majumder	STPI (Software Technology Parks of India) at Agartala	1 st July' 2019	To commemorate the celebration of the 4th Anniversary of Digital India online in all STPI centers	"Role of Educational Institutions in Digital India Initiative"
	Faculty Development Center, Tripura University	3 rd July' 2019	Two-Week Refresher Course titled "Rural Development, New Media and Social Change" from 01 July to 14 July, 2019 under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India	"Role of Digital India initiative in Rural Development, New Media and Social Change"

	Dept of IT, Tripura University.	25 th September' 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	"Introduction to Quantum Logic Gates"
	Dept of IT, Tripura University.	26 th September' 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	"Applications of Quantum Computing"
	Dept of IT, Tripura University.	5 th November' 2019	In the 2 nd One Week National Workshop on "Emerging Tools and Technologies in Research" from 5th to 9th November'19.	"Course Certification through MOOCs"
	Dept of IT, Tripura University.	14 th January' 2020	In ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Machine Learning and Artificial Intelligence" from 13th to 17th January'2020.	"Introduction to Artificial Neural Networks"
	Dept of IT, Tripura University.	16 th January' 2020	In ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Machine Learning and Artificial Intelligence" from 13th to 17th January'2020.	"Advances in Deep Learning and ANN"
	Dept of IT, Tripura University.	17 th January' 2020	In ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Machine Learning and Artificial Intelligence" from 13th to 17th January'2020.	"Applications of Artificial Intelligence"
	Dept of IT, Tripura University.	14 th February' 2020	In ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Data Science and Data Mining" from 10th to 14th February'2020.	"Data Mining and Machine Learning Applications"
	Fatikroy Ambedkar College, Tripura	20 th February' 2020	In RUSA sponsored 2 days' Workshop on "Role of RUSA in Encouraging the usage of ICT in Teaching Learning Process to improve the Quality in Higher Education" from 19 th to 20 th February'2020.	"MOOCs for ICT to be used by both Faculty and Students"
Dr. A. Roy	Dept of IT, Tripura University.	8 th and 9th November, 2019	In the 2 nd One Week National Workshop on "Emerging Tools and Technologies in Research" from 5th to 9th November'19.	LaTeX using Overleaf
	Dept of IT, Tripura University.	27 th September 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	Recent Trends and Future Aspects of Quantum Computing
	Dept of IT, Tripura University.	15 th February' 2020	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Data Science and Data Mining" from 10th to 14th February'2020.	Biological Network Analysis for Disease Diagnosis
	Dept of IT, Tripura University.	16 th January 2020	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Machine Learning and Artificial Intelligence" from 13th to 17th January'2020.	Introduction to Machine Learning and its Applications
Sri Jayanta Pal	Dept of IT, Tripura University.	24 th September 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	Gate Level Quantum Programming Language
	Dept of IT, Tripura University.	25 th September 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	Introduction to QCA Logic Gates and Simulators

Dept of IT, Tripura University.	26 th September 2019	In ATAL (AICTE Training and Learning) sponsored 5 days' Workshop on "Recent Trends on Quantum Computing" from 23rd to 27th September'19.	Realization and Analysis of QCA Gates using Simulator
Dept of IT, Tripura University.	8 th and 9th November, 2019	In the 2 nd One Week National Workshop on "Emerging Tools and Technologies in Research" from 5th to 9th November'19.	Programming in Python
Dept of IT, Tripura University.	16 th January 2020	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Machine Learning and Artificial Intelligence" from 13th to 17th January'2020.	Recent Trends and Applications of Artificial Intelligence
Dept of IT, Tripura University.	15 th February' 2020	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop on "Data Science and Data Mining" from 10th to 14th February'2020.	Soft Data Mining- An Introduction

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time / Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Mr. Sinamajit Kumar Singh	Full time	Biomedical Signal processing	Dr. S. Majumder	Thesis Submitted in NERIST
Mr. Chandra Sekhar Sengupta	Part time	Biomedical Signal Processing		Completed course work
Mr. Swarup Nandi	Part time	Study of BaaS in Cloud protocol		Started course work

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
1	23 rd to 27 th September '19	5 days (1 week)	"Recent Trends on Quantum Computing"	ATAL (AICTE Training and Learning) Academy sponsored 5 days' Workshop	National Workshop	90
2	5 th to 9 th November '19.	5 days (1 week)	2 nd One Week National Workshop on "Emerging Tools and Technologies in Research"	Workshop for Faculty, Students and Research Scholars	National Workshop	90
3	6 th to 7 th December, 2019	2 days	International Conference on Information Systems & Management Science (ISMS 2019)	International Conference organized by Dept of IT, Tripura University.	International Conference	50 (including Member)
4	13 th to 17 th January' 2020	5 days (1 week)	"Machine Learning and Artificial Intelligence"	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop	National Workshop	76
5	3 rd and 4 th February' 2020.	2 days	International Conference on Computer Communication and Internet of Things (ICCCIoT 2020)	NEC, Shillong sponsored International Conference organized by Dept of IT, Tripura University.	International Conference	70 (including Members)

6	10 th to 14 th February'2020	5 days (1 week)	"Data Science and Data Mining"	ATAL (AICTE Training And Learning) sponsored 5 days' Workshop	National Workshop	80 (including Members)
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6.2 Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs :

Sl. No.	Faculty Names	Title of E-Content	No. of Hours	Available or Not
1	Swarup Nandi	P.G. Compulsory Foundation – Basic Computer Skill I (http://brihaspati.nmeict.in/)	-	Available

6.3 Interaction with Industry/ NGO/ Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1	Swarup Nandi	Abhay Mission	Fire Brigade Chowmohuni, Agartala	No	-	01

6.4 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Swanirbhar Majumder	IEEE (Institute of Electrical and Electronics Engineers) Society	Senior Member
	ACM (Association for Computing Machinery) Society	Member
	IEI (Institution of Engineers India)	Member
	IETE (Institution of Electronics and Telecommunication Engineers)	Member
	ISTE (Indian Society for Technical Education)	Life Member
	IAENG (International Association for Engineers)	Life Member
	International Association of Academicians (IAASSE)	Executive Member
Mr. Alak Roy	IEEE (Institute of Electrical and Electronics Engineers)	Member
	Association for Computing Machinery (ACM)	Member
	International Association of Engineers (IAENG)	Member
	International Association of Academicians (IAASSE)	Executive Member
Mr. Swarup Nandi	International Association of Academicians (IAASSE)	Executive Member

6.5 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. S. Majumder	One-week Faculty Development Program on "VLSI Chip Design and Hands on using open source EDA" jointly organized by Electronics and ICT Academies	Dept of ECE, NERIST, Arunachal Pradesh through NKN under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by MeitY, Govt of India.	5 days (1 week)	8th to 12th July'2019
	Online Course on Examination Reforms	Online from AICTE (All India Council for Technical Education)	4 days	15 th to 18 th April, 2020
	Skill Enhancement Programme of "Python for Data Science"	Online by Forsk Coding School	6 days (1 week)	15 th to 20 th June, 2020
Sri Swarup Nandi	Internet of Things	NPTEL Swayam (Online)	12 Weeks	January 27 – April 22, 2020

	Cloud Computing	NPTEL Swayam (Online)	8 Weeks	February 24 – April 22, 2020
	Professional Ethics & Sustainability	AICTE - NITTT - Module 2 (Online)	8 weeks	March 2 – April 27, 2020
	AWS	Summit (Online)	1 day	May 13, 2020
	Data Science and AI	RBCDSAI's International Summit (Online)	3 days	June 18 – 20, 2020
Sri Jayanta Pal	Introduction to Quantum Physics and Its Applications	Online from AICTE (All India Council for Technical Education)	16 weeks	03 rd Sept 2019 – 31 st Dec 2019
	Online Faculty Development Program (FDP) on “LaTeX”	Department of IT, Mizoram University	1 weeks	29/6/2020 to 03/07/2020
	Technology Enabled Learning & Life Long Self Learning	AICTE-NITTT- Module 5 (Online)	8 weeks	2 nd Mar 2020- 27 th Apr 2020

7. Major thrust area of research:

- i. Biometrics, Soft Computing, Image Processing, Biomedical Signal Processing, Natural Language Processing, IoT
- ii. Wireless Ad-Hoc and Sensor Networks, Internet of Things
- iii. Quantum- dot Cellular Automata, Cloud Computing, Quantum Computing

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
5	5	-

9. Major Instruments available in the Department:

- (a) Benchmark NETSYS-T
- (b) Benchmark WLAT-T
- (c) TI Digital Signal Processing Kit 6713
- (d) HP Server – 2 nos
- (e) Microprocessor Kit (8085 and 8086)
- (f) CRO

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. S. Majumder	Dr. C. N. Gupta, IIT Guwahati	DBT	Multivariate intrinsic mode functions for electroencephalogram signals using single channel	16.00	6.00	2 and half years

11. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. S. Majumder	Dr. C. N. Gupta of IIT Guwahati	Research Project on Multivariate intrinsic mode functions for electroencephalogram signals using single channel	2018-20
	Dr. A. Dinamani Singh, NIT Manipur	PhD guidance in the field of MEMS	2019-20
	Prof. T. Tuithung, NIT Nagaland	PhD guidance in the field of Image Steganography	2016-20
	Mr. S. A. Singh of NERIST Arunachal Pradesh	Research and paper publication and PhD Guidance in the field of Cardiovascular Signal Processing	2017-20
	Mr. Joyanta Basu, CDAC Kolkata	Research papers in the field of Natural Language Processing	2017-20
	Mr. M. Sanju Meitei, Rajiv Gandhi University, Arunachal Pradesh	Research and paper publication in the field of MEMS	2019-20
Dr. Alak Roy	Prof. Nityananda Sarma	PhD Research work with paper publications in the field of Underwater Wireless Sensor Networks	2012-19
Sri Jayanta Pal	Prof. Paramartha Dutta, Visva-Bharati University, West Bengal	PhD Research work with paper publications in the field of Quantum-dot Cellular Automata	2013-2020
	Dr. Bibhash Sen, NIT Durgapur, West Bengal	PhD Research work with paper publications in the field of Quantum-dot Cellular Automata, Fault-Tolerance, Quantum Computing	2019 onwards

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Head of the Department	:	Dr. R. K. Mahapatra
Year of Establishment	:	2016
Programmes on offer	:	B.Lib.I.Sc., M.Lib.I.Sc., Ph.D.
Intake capacity	:	B.Lib.I.Sc., -20 M.Lib.I.Sc.-20

Major achievements/ Vision of the Department :

The Department of Library and Information Science was established in the year 2016 on 29.02.2016 with a view to furnish the libraries in the region with vivid and skilled manpower. The department is imparting a one year truncated post graduate diploma program leading to the degree of Bachelor of Library and Information Science (B.Lib.I.Sc.), based on the recommendation by UGC model curriculum in LIS. The department also started a 1 year Master of Library and Information Science (M.Lib.I.Sc.) course from the academic session 2017-2018 to provide advanced knowledge on the subject, and equip students with the techniques of managing modern libraries in the digital era. And from 2018-2019, the department started imparting the Ph. D. programme in Library and Information Science. The need for skilled library professionals having a degree in LIS with technical knowledge is inevitable in any library in this digital era. The course is prepared, keeping in mind the current scenario of higher education in the field of LIS in India. The Department is working to produce well equipped manpower by offering strong theoretical foundation, as well as hands on practical classes, seminars, presentations, curriculum stipulated practical visits to reputed libraries of India, and an internship program in the Central Library of the University. Three batches of B.Lib.I.Sc and two batches of M.Lib.I.Sc. Students have come out successfully. It is a matter of great privilege and achievement for the department that eleven students have been placed in different capacities as Librarian, Assistant Librarian, Library Trainee in premier libraries in the state of Tripura as well as outside the state such as Sikkim, Kolkata, Bihar, Chennai, Delhi & Arunachal Pradesh. Six students have successfully cleared the NET examination till 2019. Our students are proactively taking part in National & International seminars and conferences and all such co-curricular activities organised in the University, adding feathers to the department from time to time. Miss Sangeeta Kolai, was awarded the Best Paper award in 3rd DLA SRF Summit 2019, at the University of Delhi. Dr. Mithu Anjali Gayan, Assit. Professor has successfully completed and was awarded Ph.D. from Gauhati University Dec. 2019 and was also awarded a Travel grant for presenting a paper at in the International Conference at Macau University, Macau in December, 2019 sponsored by ICSSSR, New Delhi. Mr. Augustine Zimik, Asst. Professor has successfully completed a Self-Learning online course on “Understanding Open Educational Resources” offered by the Commonwealth of Learning, Canada on Aug 07, 2019. Mr. Saumen Das, Guest Faculty, presented a paper at 1st International Conference on Science & Technology Metrics, Kasetsart University, Thailand Dec., 2019.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. R. K. Mahapatra	MA, LLB, MLIS, PGDLA N, Ph.D	Associate Professor & Head	Full time	Library Automation / Computerization / ICT/ Digital Library Initiative User studies / Reading Habits / Inf. Seeking Behaviour Academic Library Information Systems Bibliometric Studies	UG/ PG 26 Professional 8 years	24	06	-	-	31	2
Dr. Mithu Anjali Gayan.	MLIS, PGDLA N, NET, JRF, Ph.D	Assistant Professor	Full time	Scientometrics, Bibliometrics, Citation Analysis Information Communication Technology, Information Literacy	4 years 4 months	-	-	5	-	11 (Google Scholar - 2)	(Google Scholar - 2) Scopus-1
Mr. Augustine Zikim	MLIS, NET	Assistant Professor	Full time	Documentation, Preservation and Conservation Traditional knowledge, user studies, Application of minimalist concept in Library including digital minimalism	5 years	-	-	10	-	-	-
Mr. Saumen Das	MLIS, NET	Assistant Professor	Guest Faculty	Scientometrics, Bibliometrics, Webometrics ICT	-	-	-	4	-	-	1

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year 2019-20	ISBN	Page No.
Rabindra Kumar Mahapatra	Rudra Narayan.	Library Website Of Central Universities In India: An Evaluative Study	Abhaya Kumar Padhi	Public Library And Digital Divide: Opportunities & Challenges	National	Odisha State Open University Sambalpur	1 st edition 2020	978-81-944673-0-4	88-96
Basanta Kumar Das	Rabindra Kumar Mahapatra	E-Resources And Its Impact In The New Information Age	Abhaya Kumar Padhi	Public Library And Digital Divide: Opportunities & Challenges	National	Odisha State Open University Sambalpur	1 st edition 2020	978-81-944673-0-4	88-96
Patro, R. K. C.	R. K. Mahapatra	Bibliometric and its laws: An Overview	Rajesh Kumar and Tariq Ashraf,	Libraries and Information services: Emerging Digital Paradigm	National	Book Age Publication, New Delhi,	2019	978-938112-112.	169-178
Surendra Kumar Pal	R. K. Mahapatra	Managing Electronic Resource Acquisition in University Library System: A Practical Approach	Eds. Sonal Singh, B. K. Singh, Neelam Thapa	Emerging Trends for SMART Libraries [A Festschrift in Honour of Prof. V. P. Khare] Volumes 4 Librarianship in SMART Libraries	National	Shree Publishers & Distributors	2019	978-81-8329-911-4	1186-1196
Das, Saumen	Verma, M.K.	Application of QR Code Technology in Modern libraries to enhance library services: A practical approach	Rajesh Kumar and Tariq Ashraf,	Libraries and Information services: Emerging Digital Paradigm	National	Book Age Publication, New Delhi,	2019	978-93-88181-11-2.	

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Gayana, Mithu Anjali	Singh, SK	Citation Analysis of Doctoral Theses of Physics: A Bibliometrics Study	International	Library Philosophy and Practice.	Summer 6-13-	2019	1522-0222.	-
Pratibha Sharma	R K Mahapatra	Authorship Trends and Collaborative Research in Physics: Bibliometric Study of Publications in Pramana – Journal of Physics 2006-2015	National	Library Herald	Vol 57 No 4,	Dec 2019		461-475
Sidhartha Sahoo	Rabindra Kumar Mahapatra & Shriram Pandey	Usability and Return on Investment (ROI) of Electronic Information Resources: An Evaluative Study on Selected Scientific & Research Institutes Libraries in Odisha	International	Library Philosophy and Practice (e-journal)	Summer 7	2019	1522-0222.	-
Sidhartha Sahoo	Rabindra Kumar Mahapatra	E-Resources Usage and Return on Investment (ROI) Analysis of Selected Libraries of Odisha	National	Library Waves	Volume 5, No. 2	2019	2455-2291	-
Saumen Das	Mithu Anjali Gayana, Manoj Kumar Verma	Authorship and Collaboration Pattern on Jaundice Research Published by SAARCCountries during 1999-2018: A Scientometric Analysis	International	<i>First International Conference on Science & Technology Metrics (STMET 2019), Bangkok, Thailand.</i>	December 02-04,	2019	-	-
Saumen Das		Authorship and Collaboration pattern of research Output Published by Researchers of Tripura University During 2010-2019: A Scientometric Analysis”	National	National Seminar on Social Media and Librarianship connecting the communities organized by Department of Library and Information Science Mizoram University	26th-28th February	2020.	-	-

Basanta Kumar Das	Rabindra Kumar Mahapatra	Use of Electronic Information Resources by Distance Learners: A Case Study of IGNOU	Inter-national	<i>International Journal of Science and Research (IJSR) ResearchGate Impact Factor (2018): 0.28 SJIF (2018): 7.426</i>	Volume 8 Issue	6, June 2019	ISSN: 2319-7064	1304-1308
Mishra, V.K.	Debbarma, R., Das, S.& Verma, M.K.	Awareness and use of e-learning open courseware among the students of Tripura University, Agartala: A case study	Inter-national	<i>International Journal of Information Dissemination and Technology,</i>	9(4)	2019	2229-5984 (P), 2249-5576 (e).	163-167
Verma, M.K.	Das, S.& Sinha, M.K.	Research productivity of Computer Science Department of Assam University Silchar during 2010-2016: A Bibliometric analysis	National	<i>Indian Journal of Information Library and Society,</i>	32 (2),	2019	0971-4286.	148-160.
Jayanti Chakravor	R.K. Mahapatra	Study of Social Networking Sites in Academic Advancement of Undergraduate Degree Students in Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Eralgool,	Inter-national	2nd International Conference on Information Systems & Management Science (ISMS) 2019.	-	2019	-	-
Rama Krushna Charan Patro,	R.K. Mahapatra	Bibliometric and its Laws: An Overview	National	National Conference on Libraries and Information Services: Emerging Digital Trends Organized by Information Resource Centre (IRC) Integrated Academy of Management and Technology (INMANTEC) In Collaboration with Asian Library Association (ASIALA)	August 9-10 th	2019	-	-

Sahoo, Sidhartha	R. K. Mahapatra	E-Resources Management in Scientific and Research Libraries: A changing perspective	National	National seminar on Changing Landscape of Libraries in Digital Era held at Dept. LIS, Sambalpur University	6 th – 7 th Feb	2020	-	-
Pratibha Sharma,	R.K. Mahapatra	Authorship Pattern of Publications of Pramana-Journal of Physics as Reflected in Web of Science Database: A Bibliometrics Analysis (2011-2015)	National	National Conference on Libraries and Information Services: Emerging Digital Trends Organized By Information Resource Centre (IRC) Integrated Academy of Management and Technology (INMANTEC) In Collaboration with Asian Library Association (ASIALA)	August 9-10 th	2019	-	-
Patro, R. K. C.	R. K. Mahapatra	'A Bibliometric study of MBA PhD thesis submitted to Berhampur University'	Inter-national	International Conference On Transforming Academic Libraries : Vision 2030 on	November 14 -16,	(2019)	-	-
Patro, R. K. C.	R. K. Mahapatra	'Bibliometric and its laws: An Overview'	National	National Conference on August 09 - 10 and published in "Library & Information Services: Emerging Digital Paradigm"	-	(2019)	97893 8818 1112	169- 178
Shyamshree Pal	R. K Mahapatra	A Bibliometric study on Library and Information Literature in North-East Region, 2009-2018		International Conference on Equitable Access to Government Information and Data: Role of Government and Public Libraries in South Asia,	Oct.	2019.	97881 9273 6010	193- 207.

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
R. K. Mahapatra	Teacher			2

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
R. K. Mahapatra	FDC, TU	16-09-2019	Two Week Refresher Course entitled "Science and Technology for Social Development" for Faculties in Universities / Colleges / Institutes from 11 September to 25 September, 2019 (PMMMNMTT),	
R. K. Mahapatra	FDC, TU	10-07-2019	Two-Week Refresher Course "Rural Development, New Media and Social Change" for Faculties in Universities / Colleges / Institutes (PMMMNMTT), 01 July to 14 July, 2019	Citation and Reference
R. K. Mahapatra	FDC, TU	19-02-2020	Two Week Refresher Course entitled "Advanced Methods in Teaching and Research" for Faculties in Universities / Colleges / Institutes (PMMMNMTT), from 11th February to 24th February, 2020	Plagairism
R. K. Mahapatra	Department of Library and Information Science, Jadvpur University, Calcutta,	24 th Jan 2020	UGC and RUSA 2.0 sponsored National Seminar on Sustainable Library (NSSL-2020)	Holistic Approach on Sustainable Library
R. K. Mahapatra	NIRDPR, Guwahati	27-11-2019	Two weeks training programme on Research Methodology for Rural Management	Report writing, Reference and Bibliography

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Jayanti Chakraborty	Full time	Yet not decided	Yet not decided	Registered
Amitabh Kumar Mangalam	Part time	Yet not decided	Yet not decided	Registered

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
	06th January 2019.	One day	Display of Book related to culture and history of Bihar Organize a discussion on popular text pertaining to culture and history of Bihar	Ek Bharat Shrestha Bharat (EBSB)		

7. Major thrust area of research: Information Seeking Behaviour, Information Literacy, Bibliometrics, Scientometrics, Informetrics
8. New initiatives/Innovations: Curriculum stipulated internship for students in the University Central Library.
9. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
01	01	-

10. Major Instruments available in the Department: 23ed DDC Scheme

11. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/ Medals/Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution	Remarks
R K Mahapatra,	Chaired session	03-February - 2020	International Conference On Computer Communication And Internet Of Things (ICCCIOT 2020) 03-04 February, 2020, Department of Information Technology, Tripura University, Agartala, India	-
R K Mahapatra	Chaired session	24 th Jan 2020	Department of Library and Information Science, Jadavpur University, Calcutta	-
R K Mahapatra	Programme Chair		2nd International Conference (ISMS) 2019 December 06-07, 2019 Organized by Tripura University in collaboration with International Association of Academicians (IAASSE), USA	-
R K Mahapatra	Nominated Member PG BoS Lib & Inf. Sc	2019	MBB University	-
R. K. Mahapatra	Member Ph.D Research Committee	2020	MBB University	-
R K Mahapatra	Nominated Member PG BoS Lib & Inf. Sc	2019	Berhampur University	-
R. K. Mahapatra	Member Departmental Examination Committee (DEC) Dept. of Library and Information Science,	2020	MBB University	-
R. K. Mahapatra	Expert Member in the Selection Committee for appointment of Guest teacher, Dept. of Library and Information Science, MBB University	16 th . Jan. 2020-	MBB University	-
R. K. Mahapatra	Member of Program Advisory Committee	2019	12th International CALIBER 2019 Nov. 28 th - 30 th KIIT University	-
R K Mahapatra	Member Editorial Board	2019	Journal of Advances in Library and Information Science	2277-2219
R K Mahapatra	Member Editorial Board	2020	Journal of Library Information Society	
R. K. Mahapatra	Paper Reviewer of Journal for Emerald Publishing	2020	LIS Journal - Global Knowledge, Memory and Communication	-

R. K. Mahapatra	Member of Program Advisory Committee	28 th - 30 th November, 2019	12 th International CALIBER 2019. "Library 2030: Moving Towards Smart Technologies, Services and Resources". organized by INFLIBNET Centre at KIIT Bhubaneswar, Odisha from.	-
R K Mahapatra	Member and Programme Chair	3 rd Feb, 2020	International Conference on Computer Communication and Internet of Things (ICCCIOT 2020) 03-04 February, 2020, Department of Information Technology, Tripura University, Agartala, India on	-
R. K. Mahapatra	Chaired technical session 4	on 3 rd Feb, 2020	International Conference on Computer Communication and Internet of Things (ICCCIOT 2020) 03-04 February, 2020, Department of Information Technology, Tripura University, Agartala, India	-
R. K. Mahapatra	Head of the Department Library and Information Science, Tripura University	13-04-2020	-	-
R. K. Mahapatra	National Advisory Committee		National Workshop on Research Techniques and Tools (NWRIT-2019) 23 rd – 27 th September 2019 Organized by DLIS, Assam University in Collaboration with Information and Library Network Center [INFLIBNET] Gandhinagar,	-

In case of sports, inter university, zonal may also be considered.

12. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Dipankar Reang	M	ST	No	UGC	NET
Prasanjit Dhar	M	Gen	No	UGC	NET
Rajesh Mog	M	ST	No	UGC	NET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Ajit Kumar Singha	M	Gen	No	-	Graduate Teacher	-	-
Priya Dutta	F	Gen	No	Don Bosco School, Agartala	Librarian	-	-
Sangita Debbarma	F	ST	No	Dept. of Lib. & Inf. Sc., MBB University	Guest faculty	-	-

14. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Sangeeta Kolai	Best paper award	2019	3 rd DLA SRF Summit University of Delhi	-

In case of sports, inter university, zonal may also be considered.

15. Any other achievements:

Since the opening of the department (2016-17) 11 students have been placed in different capacities as Librarian, Assistant Librarian, Library Trainee in premier libraries in the state of Tripura as well as outside the state such as in Sikkim, West Bengal, Bihar, Chennai, Delhi, Arunachal Pradesh. 6 students have successfully cleared the NET examination till 2019. Miss. Sangeeta Kolai, was awarded Best Paper award in 3rd DLA SRF Summit 2019, at University of Delhi. Dr. Mithu Anjali Gayan, Assit. Professor has successfully completed and was awarded Ph.D. from Gauhati University Dec.2019 and was also awarded a Travel grant for attending the International Conference at Macau University, Macau in December, 2019 by ICSSSR, New Delhi. Mr. Augustine Zimik, Asst. Professor has successfully completed a Self-Learning online course on “Understanding Open Educational Resources” offered by the Commonwealth of Learning, Canada on Aug 07, 2019. Mr. Saumen Das, Guest Faculty, presented a paper at 1st International Conference on Science & Technology Metrics, Kasetsart University, Thailand Dec., 2019.

DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING

Head of the Department : Dr P Karuna Purnapu Rupa
 Year of Establishment : 2016
 Programmes on offer : M.Tech. (Material Science and Engineering) & Ph.D.
 Intake capacity : 17 (M.Tech.)

Major achievements/ Vision of the Department :

The Department of Material Science and Engineering is one of the new teaching and research departments of Tripura University (A Central University). It started its journey in 2016, and was included under the XII Five Years Plan sanctioned by UGC. This department offers four-semester 'M. Tech' programme in 'Material Science and Engineering'. This unique stream in engineering helps students to gain technical knowledge of various kinds of materials like metals, semiconductors, ceramics, polymers and composites through material characterization and its structure – property relationships. This unique stream in engineering also helps students to gain technical knowledge on various kinds of materials for engineering applications in critical industrial sectors, energy and electronics. The research areas of the department include: functional nanomaterials for energy harvesting and storage, spintronics nanomaterials, advanced ceramics, powder metallurgy, corrosion, industrial solid waste utilization and management and composites. This department has started PhD programme from 2017.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr P Karuna Purnpu Rupa	PhD	Associate Professor	Full time	Hydrogen storage Materials, Surface Engineering, Advanced Composites	12	-	02	02	03	205	09
Prasanta Kumar Rout	Ph.D	Assistant Professor	Full time	Powder Processing of Ceramics, Powder Metallurgy, Corrosion Engineering, Composite materials, Industrial solid waste utilization	10	-	02	04	01	153	5
Dr. Gobinda Gopal Khan	PhD	Assistant Professor	Full time	Functional Nanomaterials, Nanomaterials for Energy, Nano-electronics and Spintronics	10	01	02	02	00	1536	22

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings / Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
GG Khan	A Sarkar, A Sarkar, B Paul	Designing of Functionalized MWCNTs/Anodized Stainless Steel Heterostructure Electrode for Anodic Oxidation of Low Concentration As (III) in Drinking Water	International	Chemistry Select	4	2019	ISSN: 2365-6549	9367-9375
GG Khan	K Karmakar, D Maity, D Pal, K Mandal	Photo-Induced Exciton Dynamics and Broadband Light Harvesting in ZnO Nanorod-Templated Multilayered Two-Dimensional MoS ₂ /MoO ₃ Photoanodes for Solar Fuel Generation	International	ACS Appl. Nano Mater.	3	2020	ISSN: 2574-0970	1223-1231
GG Khan	M Alam, K Mandal	Origin and tuning of room temperature ferromagnetism and ferroelectricity in double perovskite Y ₂ NiMnO ₆ nanostructured thin films	International	Journal of Alloys and Compounds	822	2020	ISSN: 0925-8388	1535-40
Dipankar Das	Prasanta Kumar Rout	Utilization of thermal industry waste: From trash to cash	International	Carbon – Science and technology	11	2019	0974-0546	43-48
Sunanda Mishra	Prasanta Kumar Rout, Alok Prasad Das	Solar photovoltaic panels as next generation waste: A review	International	Biointerface research in applied chemistry	9	2019	2069-5837	4539-4546

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dipankar Das	Research Scholar	04	00	01
Saikat Das	Research Scholar	01	00	00
Prasanta Kumar Rout	Teacher	02	00	01
Debashish Pal	Research Scholar	01	00	01

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Dr P Karuna Purnapu Rupa	NIT Agartala	21/08/2020	NIT Agartala	Advances in Thermal Spray Coatings
Dr P Karuna Purnapu Rupa	NIT Agartala	21/08/2020	NIT Agartala	Hydrogen Storage Materials: Prospects and Applications
Dr Prasanta Kumar Rout	M.G. University, Kerala	09/08/2019	M.G. University, Kerala	Waste utilization
Dr Prasanta Kumar Rout	IIT Kharagpur	06/01/2020	IIT Kharagpur	Construction materials
Dr Prasanta Kumar Rout	Rama Devi University	29/02/2020	Rama Devi University	Materials Science

5. Outreach Footprint of the Department:

5.1 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dipankar Das	The Institution of Engineers (India)	Associate Member
Saikat Das	The Institution of Engineers (India)	Associate Member
Prasanta Kumar Rout	The Institution of Engineers (India)	Life Member

5.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Prasanta Kumar rout	Refresher	FDC, Tripura University	15 days	11-25 September 2019

6. Major thrust area of research:

Materials for energy applications
 Nano-electronics
 Industrial solid waste management
 Advanced composites

7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
04	02	02

8. Major Instruments available in the Department:

Advanced programmable spin coating system, Micro Balance, Electrochemical work station, Hot air oven with air circulation fan, Horizontal high temperature tube furnace, High temperature Muffle Furnace, High temperature Vertical tube Furnace, Slow speed horizontal pot mil/jar mil, Digital Multimeter, Hydraulic press for powder pressing, Metallurgical optical microscope, Table top Attritor, Digital compression testing machine, Solar Simulator, Digital Source Meter

9. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Gobinda Gopal Khan	Nil	UGC-DAE CSR, Kolkata Center	Defect engineering of nanomaterials using ion beam irradiation for eco-friendly energy harvesting	5.1	0.7	3 years
Dr. Gobinda Gopal Khan	Nil	SERB	Novel nanomaterials for nano-electronics and energy	10	1	3 years
Dr. Prasanta Kumar Rout	Dr. Alok Prasad Das	Integrated Eco development research programme in the Himalayan region (IERP), Govt. of India	Production of geopolymer construction materials from fly ash: An industrial waste	14.84780	10.22200	3 years
Dr. Prasanta Kumar Rout	Dr. Alok Prasad Das	Department of Science and technology (DST), Govt. of India	Bioreactor based enhanced biorecovery of manganese from mining waste residues	32.51148	-	3 years

10. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Gobinda Gopal Khan	IASST, Guwahati	Plasma treated nanomaterials for energy	2019-20
Dr. Gobinda Gopal Khan	SNBNCBS, Kolkata	Novel nanomaterials for nanoelectronics and energy	2019-20

11. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO)**
Papan Paul	M	OBC	No	Tripura Gramin Bank	Others

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

12. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/ Medals/ Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution	Remarks
Pinaki Pal	Smart India Hackathon (SIH), Hardware Edition -2019	12 July 2019	MHRD	Team HYSTORE made it to the finals of SIH, Hardware Edition 2019. Finals was held during July 08-12, 2019 (Team Effort)
David Malsom	-Do-	-Do-	-Do-	-Do-
Sagar Kumar Deb	-Do-	-Do-	-Do-	-Do-
Dipankar Das	-Do-	-Do-	-Do-	-Do-
Debabrata Majumder	-Do-	-Do-	-Do-	-Do-

In case of sports, inter university, zonal may also be considered.

13. Any other achievements:

Dr P Karuna Purnapu Rupa was awarded a certificate from MHRD innovation cell for 'exceptional contribution as a mentor' in 'Smart India Hackathon, 2019'.

DEPARTMENT OF MATHEMATICS

Head of the Department : Dr. Sharmistha Bhattacharya (Halder)
 Year of Establishment : 1976
 Programmes on offer : M.Sc in Mathematics, Ph.D., Integrated Master Degree (IMD)
 Intake capacity : 50(Fifty) + 5(EWS) inM.Sc., 10(Ten) in IMD

Major achievements/ Vision of the Department :

Professor B.C. Tripathy is the founding fellow of the North-Eastern Academy of Sciences, India. Professor B.C. Tripathy has H-index 34 according to SCOPUS database. The faculties and students of the Department are actively engaged to popularize Mathematics through the Tripura Mathematical Society, by organizing different programmes.

Vision:

- To be a premier learning and research center for Mathematics in the country.
- To motivate the students for appearing at different national level tests conducted by different boards/ commissions/ institutions and to increase the number of NET/SLET qualified students from the department.
- To prepare a syllabus of high standards, with timely attention on thrust and emerging areas in Mathematics for attracting bright students to pursue courses offered by the department.
- To build the infrastructure conducive for high standard research on thrust areas of research in mathematics and its applications by bringing many individual as well as departmental projects such as SAP, FIST etc.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Anjan Mukherjee	Ph.D	Professor	Full time (Retired on 31.12. 2019)	Topology, Fuzzy set, Fuzzy Topology, Rough set theory, Soft set Theory	33 years (13 years U.G and 20 years P.G)	-	-	-	-	-	-
Prof. B.C. Tripathy	Ph.D	Professor	Full time	Topology, Fuzzy Topology, Sequence Spaces, Summability Theory, Soft Set Theory, Multi Set Theory	32 years	02 (Under Gauhati Univ.)	06	16	09	SCOPUS – 2528 Google - 5118	SCOPUS – 34 Google- 45

Dr Sharmistha Bhattacharya Halder	Ph.D	Associate Professor & Head of the Department	Full time	Image processing, data mining, decision making	19 years	01+01 (Co supervisor)	03+-1 (Co supervisor)	16	09	83 (Google) 06 (Scopus)	05 (Google) 01 (Scopus)
Dr. Subrata Bhowmik	Ph.D	Assistant Professor	Full time	Topology, Topological Algebra, Algebra, Logic, Set Theory, Differential Geometry	Teaching : 15 years Research : 10 years Job: 14 years	-	-	07	07	23 (Google) 05 (Scopus)	03 (Google)
Dr. Shouvik Bhattacharya	PhD	Assistant Professor	Full time	Fuzzy logic, fuzzy queuing control	Teaching : 12 years 2 months	-	-	16	08	-	-
Dr. Shyamal Debnath	Ph.D & NET	Assistant Professor	Full time	Sequence Space, Fuzzy Set	17 years & 5 months	4	3	5	6	331 (Google)	10 (Google)
Dr. Harish D	Ph.D	Assistant Professor	Full time	Differential Geometry	3 years & 6 months	-	-	01	01	-	-

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
S. Bhattacharya Halder	Bibek Majumder	Face recognition based on human sketches using fuzzy minimal structure oscillation in SIFT Domain	International (indexing by Scopus)	Image processing network security and data science . MIND 2020 Springer	International	springer	2020	1865 0929	325-335

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
B.C. Tripathy	R. Haloi, M. Sen	Statistically lacunary convergence of generalized difference sequences in probabilistic normed spaces	International (Indexed by SCOPUS)	Applied Sciences	21	2019	1454-5101	107-118

B.C. Tripathy	P.C. Das	On the class of fuzzy number sequences bv^f_p	International (Indexed by SCOPUS)	Songklanakarin Journal of Science and Technology	41(4)	2019	0125-3395 (print) 2408-1779 (online)	934-941
B.C. Tripathy	S. Debnath	Fuzzy m -structures, m -open multifunctions and bitopological spaces	International (Indexed by SCOPUS)	Boletim da Sociedade Paranaense de Matematica	37(4)	2019	2175-1188	119-128
B.C. Tripathy	K. Shravan	Multiset mixed topological space	International (Indexed by SCOPUS & SCIE)	Soft Computing	23	2019	1432-7643 (print) 1433-7479 (online)	9801 – 9805
B.C. Tripathy	M. Sen and R. Haloi	μ -Statistically convergent function sequences in probabilistic normed linear space	International (Indexed by SCOPUS)	Proyecciones Journal of Mathematics	38(5)	2019	0717-6279	1039 - 1056
B.C. Tripathy	D. J. Sarma	Fuzzy semi-pre quasi neighborhood structure	International (Indexed by SCOPUS)	Afrika Matematika	30(1-2)	2019	1012-9405 (Print) 2190-7668 (online)	217-221
B.C. Tripathy	P.K. Nath	Convergent complex uncertain sequences defined by Orlicz function	International (Indexed by SCOPUS, ESCI)	Annals of the University of Craiova, Mathematics and Computer Science Series	46(1)	2019	1223-6934 (Print) 2246-9958 (Online)	139-149
B.C. Tripathy	S. Acharjee and K. Papadopoulos	Note on p_1 -Lindelof spaces which are not contra second countable spaces in bitopology	International (Indexed by SCOPUS)	Boletim da Sociedade Paranaense de Matematica	38(1)	2020	2175-1188	165-171
B.C. Tripathy	P.K. Nath	Statistical convergence of complex uncertain sequences defined by Orlicz function	International (Indexed by SCOPUS)	Proyecciones Journal of Mathematics	39(2)	2020	0717-6279	301-315
B.C. Tripathy	G.C. Ray	On fuzzy δ^* -almost continuous and fuzzy δ^* -continuous functions in mixed fuzzy topological spaces	International (Indexed by SCOPUS)	Proyecciones Journal of Mathematics	39(2)	2020	0717-6279	435-449

B.C. Tripathy	R. Das and F. Smarandache	Neutrosophic fuzzy matrices and some algebraic operation	International (Indexed by SCOPUS)	Neutrosophic Sets and Systems	32	2020	2331-6055(Print) 2331-608X(Online)	401-409
S. Debnath	J. Debnath	On Rough Ideal Convergence in Intuitionistic Fuzzy Normed Spaces	International (indexing by MR)	The Journal of Fuzzy Mathematics	27(34)	2019	1066-8950	1-8
S. Debnath	E.Savas	Lacunary statistically φ -convergence	International (indexing by Scopus)	Note di Matematica	39(2)	2019	1123-2536	111-119
S. Debnath	A. Debnath	Study of ring structure from multiset context	International (indexing by Scopus)	Applied Sciences	21	2019	1454-5101	84-90
S. Debnath	E.Savas D. Rakshit	On I-statistically rough convergence	International (indexing by Scopus)	Publications de l'Institut Mathématique	105 (119)	2019	0350-1302	145-150
S. Debnath	A.Esi S.Saha	Asymptotically double λ_2 -statistically equivalent sequences of interval numbers	International (indexing by Scopus)	MATHEMATIC A	62(85)	2020	1222-9016	39-46
S. Bhattacharya Halder	Bibek Majumder	Face recognition using fuzzy minimal structure oscillation in the wavelet domain	International (indexing by Scopus)	Pattern recognition and image analysis Springer	29, No 1	2019	105466-18	221-227

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. S. Debnath	Teacher	01	01	0
Prof. B.C. Tripathy	Teacher	01	01	0
Mr. PranabjyotiDowari	Research Scholar	01	01	0
Mr. Rakhal Das	Research Scholar	01	01	0
Mr. DebasishDatta	Research Scholar	01	0	0
Ms. K. R. Devi	Research Scholar	01	01	0
Mr. Suman Das	Research Scholar	0	01	0

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Prof. B.C. Tripathy	Kokrajhar, Assam	19 th and 20 th August 2019	Bineswar Brahma Engineering College	Different Topological Spaces Based on Different Types of Sets; Fuzzy Sets and Applications and Teaching and Learning Methods.
Prof. B.C. Tripathy	Agartala	September 12-16, 2019	Department of Mathematics, MBB University	Fuzzy Sets and Applications
Prof. B.C. Tripathy	Katra- J&K	09-10-2019	Shri Mata Vaishno Devi University,	Double Sequences
Prof. B.C. Tripathy	Agartala	23-12-2019	Department of Mathematics, MBB University	SrinivasaRamanujan's Life and Work
Prof. B.C. Tripathy	Agartala	17-02-2020	ICFAI University	Life and contribution of SrinivasaRamanujan
Prof. B.C. Tripathy	Burla, Odisha	27-02-2020	Veer SurendraSai University of Technology	Topological Spaces Based on Different Notions of Sets
Dr S Bhattacharya Halder	Agartala	2019	Science Fair, TRIPURA	Ramanujan
Dr S. Bhattacharya Halder	Agartala	2019	Inspire programme, Banividyapith School, Agartala	To motivate students, Remove Math phobia

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Anjalu Albis Basumatary	Part time	Studies on Preopen sets in Bimiminal structure spaces	Prof. B.C. Tripathy	Registered
Ms. Kshetrimayum Renubebeta Devi	Full time	On Relative Uniform Convergence of Sequences of Positive Linear Functions	Prof. B.C. Tripathy	Registered
Mr. Amaresh Debnath	Part time	Study of Some Convergence Concepts on Multiset of Real Numbers	Dr. S. Debnath	Registered
Mr. Suman Das	Full time	To be decided	Prof. B.C. Tripathy	Started course work
Mr. Chiranjib Choudhury	Full time	To be decided	Dr. S. Debnath	Started course work
Mr Bijoy Das	Full time	To be decided	Dr. S. Debnath	Started course work
Utpal pal	Part time	-	Dr Sharmistha Bhattacharya Halder	Waiting for final Viva
Srijitya Barman Roy	Part time	-	Dr Sharmistha Bhattacharya Halder	Waiting for final Viva
Bibek Majumder	Full Time	-	Dr Sharmistha Bhattacharya Halder	Waiting for public seminar
Tandra Sarkar	Part time	-	Dr Sharmistha Bhattacharya Halder	Registered
Sumanta Saha	Part time	-	Dr Sharmistha Bhattacharya Halder	Final PhD Viva completed.

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	July 16, 2019	July 16-18, 2019	International Conference on Recent Advances in Mathematics and its Applications	Conference	International	154 (9 foreigner and 145 Indian)

6.2 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Anjan Mukherjee	1. Calcutta Mathematical Soc. 2. Tripura Mathematical Soc. 3. Fuzzyv Rough set Association, 4. Matyh Education.	Life
B.C. Tripathy	1. American Mathematical Society 2. Indian Mathematical Society 3. Bharat GanitParisad, Lucknow 4. Indian Academy of Mathematics 5. Tripura Mathematical Society 6. Banaras Hindu University Mathematical Society 7. Assam Academy of Mathematics	Annual Life Life Life Life Life Life
Sharmistha Bhattacharya Halder	1. Tripura Mathematical Society 2. Fuzzy Rough set Association 3. Add life (Caring and Empowering Women)	Life(Vice President) Life(Treasurer) Life(President)
ShyamalDebnath	1. American Mathematical Society 2. Indian Mathematical Society 3. Calcutta Mathematical Society 4. Indian Academy of Mathematics 5. Tripura Mathematical Society	Annual Life Life Life Life
Shouvik Bhattacharya	1.Tripura Mathematical Society	Life
Dr. Harish D.	1.Tripura Mathematical Society	Life

6.3 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Subrata Bhowmik	Refresher	Tripura University	15 days	11-25 September, 2019

7. Major thrust area of research : Topology, Fuzzy set, Fuzzy Topology, Rough set theory, Soft set Theory, Sequence spaces, Summability theory, Uncertain theory, Multi set theory, Image processing, data mining, decision making, Topological Algebra, Algebra, Logic, Set Theory, Differential Geometry, fuzzy queuing control.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
2	1	1

9. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Prof. B.C. Tripathy	Department of Mathematics, NIT Silchar	Jointly supervising Research Scholars	Continued
Prof. B.C. Tripathy	Department of Mathematics, NIT Agartala	Research articles	Continued
Dr. S. Debnath	Department of Mathematics, Usak University, Turkey	Research articles	Continued

10. Any other achievements: Prof. B.C. Tripathy is the Editorial Board member of the following journals covered by SCOPUS database:

- (i) Revista Proyecciones Journal of Mathematics, Chilli
- (ii) Far East Journal of Mathematical Sciences, Allahabad.

Prof. B.C. Tripathy is also an Editorial Board member of 3 journal from the country and 3 journals from abroad.

DEPARTMENT OF MICROBIOLOGY

Head of the Department : DR BIPIN KUMAR SHARMA
 Year of Establishment : 2011
 Programmes on offer : M.Sc. and Ph.D.
 Intake capacity : 25+3(EWS) =28

Major achievements/ Vision of the Department :

The Department is equipped with necessary infrastructural facilities to undertake research in frontier areas of microbiological biotechnology. Audio-visual classrooms and advanced research laboratories with modern instruments are available for the students and scholars. The students are encouraged to undergo training in other universities and industries, and the necessary communications are initiated by the faculty of the department. The department also organizes training and workshops to train the students, scholars as well as faculty on different aspects of basic as well as advanced science.

The thrust area of research includes microbial biodiversity screening; microbial identification (genomic and transcriptomic level); phytochemicals as antimicrobial; anti-biofilm and anti-carcinogenic activity; biofilm based bio-remedial system for effluent treatment.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Bipin Kumar Sharma	Ph. D	Assistant Professor	Full time	Antimicrobial and Anti-Biofilm research Microbial biodiversity screening; and identification (genomic and transcriptomic level).	15 years		4	Above 40	4	647	10
Dr. Shaon Ray Chaudhary	Ph. D	Associate Professor	Full time	Microbial Technology	>15	10	3	Above 54	5	626	14
Dr. Ashutosh Kumar	Ph. D	Assistant Professor	Full time	Bacterial Stress Adaptation	2Yr 7month/ 3y 11M	-	02	09	07	454	10
Dr. Ashwini Chauhan	Ph. D	Assistant Professor	Full time	Laboratory of Infectious Biofilms (Understanding Infectious Biofilms, biofilm pathogenesis, Anti-Biofilm strategies)	Teaching =4yrs/ Research =8Y 8M/ Industry =1Y 6M. Total = 14Y2M	-	01	06	05	1428	16

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

2.1 Book Chapters:

Main Author	Co- Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National / International	Publishers	Year (2019-20)	ISBN	Page No.
Mamta	Neelesh Nandan, Shashi Bhushan, Shaon Ray Chaudhuri, Halis Simsek, Sanjeev Kumar Prajapati	Algae - and bacteria - driven technologies for pharmaceuticals remediation in waste water.	Maulin P. Shah	Removal of Toxic Pollutants through Microbiological and Tertiary Treatment	International	Elsevier, Accepted	2020	ISBN 978 012 88 210 147.	Accepted
Shaon Ray Chaudhuri	Basant Kumar Agarwala, Sunil K Sett, Priyasankar Chaudhuri, Piyali Paul, Gourav Bhattacharjee, Sumona Deb, Sukanya Chowdhury, Purnasree Devi, Sinchini Barman, Mandakini Gogoi, Tethi Biswas, PurabiBaidya, Abhispa Bora, Amrita Chakraborty, Chaitali Chanda, Saurav Saha, AjoyModak, Gautam Das, Priya Sarkar, Ronald Jamatia, Amitava Mukherjee, Ashutosh Kumar, AshokeRanjan Thakur, Mathumal Sudarshan, Rajib Nath, Leena Mishra, Indranil Mukherjee, Gautam Bose, AmarpreetSingh, And Ranjan Kumar Naik.	Self-sustained ramie cultivation: an alternative livelihood option	Thatoi, Das and Mahapatra	Bio-resource Utilization in Therapeutics, Biofuel, Agriculture and Environmental Protection	International	Apple Academic Press (AAP), Inc., Canada, a Taylor & Francis group. Accepted	2020	ISBN 978 177 188 933 9	Accepted
	Priya Sarkar, Tethi Biswas, Chaitali Chanda, Amrita Saha, Mathumal Sudarshan, Chanchal Majumder and Shaon Ray Chaudhuri	Spent coffee waste conversion to value added products for pharmaceutical industry.	Thatoi, Das and Mahapatra	Bioresource Utilization in Therapeutics, Biofuel, Agriculture and Environmental Protection	International	Apple Academic Press (AAP), Inc., Canada, a Taylor & Francis group. Accepted	2020	ISBN 978 177 188 933 9	Accepted

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Nandita Nath,	Sushanta Ghosh, Lovely Rahaman, David Lalbhovika Kaipeng, BK Sharma	An overview of traditional rice beer of North-east India: ethnic preparation, challenges and prospects	National	Indian journal of traditional knowledge NISCAIR-CSIR, India	18	2019		744-757
Sushanta Ghosh	Surajit De Mandal, Nandita Nath, David L Kaipeng, Lovely Rahaman, Senthil Kumar Nachimuthu, Bipin Kumar Sharma	Isolation and Partial Evaluation of a Potential Indigenous Yeast Strain <i>Pichia kudriavzevii</i> from a Traditional Rice Beer—"Gora" Prepared by the Koloï Tribes of Tripura	International	Advances in Microbiology	9	2019	DOI: 10.4236/aim.2019.9.99050	824-841
Ashish Yadav	Anees Ahmed Mahaboob Ali, Mrunalngawale, Shaon Ray Chaudhuri, Lalit Mohan Gantayet, AniruddhaPandit.	Enhanced co-production of pectinase, cellulase and xylanase enzymes from <i>Bacillus subtilis</i> ABDR01 upon ultrasonic irradiation.	International	Process Biochemistry	92	2020	1359-5113	197-201
Nabanita Halder	Mandakini Gogoi, Jaweria Sharmin, Manjila Gupta, Srimoyee Banerjee, Tethi Biswas, Basant Kumar Agarwala, Lalit Mohan Gantayet, Mathummal Sudarshan, Indranil Mukherjee, Arindam Roy, Shaon Ray Chaudhuri.	Microbial consortium-based conversion of dairy effluent into biofertilizer.	International	Journal of Hazardous, toxic, and radioactive waste.	24(1)	2020	2153-5493	0401-9039-1to7
Tethi Biswas	Debasmita Chatterjee, Sinchini Barman, Amrita Chakraborty, Nabanita Halder, Srimoyee Banerjee, Shaon Ray Chaudhuri.	Cultivable bacterial community analysis of dairy activated sludge for value addition to dairy wastewater.	International	Microbiology and Biotechnology Letters.	47(4)	2019	1598-642X	585-595

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Shaon Ray Chaudhuri	Teacher	2	1	
Dr. Ashwini Chauhan	Teacher	1 (The Social Biofilm Network, a Virtual Biofilm Meeting, 01/06-2020 - 05/06/2020)	1	-
Ms. Tethi Biswas	Research Scholar	2	1	-
Ms. Mandakini Gogoi	Research Scholar	2	3	-
Mr. TuhinSaha	Student	-	1	1
Mr. Dipanninta Bhattacharjee	Student	-	1	1
Mr. AjoyModak	Project Scholar	-	1	-
Ms. Shashi Prabha Yadav	Student	-	1	-
Mr. Ronald Jamatia	Student	-	1	-
K.Y. Bishal	Student	-	1	-
Ankurita Bhowmik	Research Scholar	-	1	-
Akshit Malhotra	Project Scholar	-	2	-
Albert Reang	Student	-	1	-
KakaliNaotia	Student	-	1	-
Deepraj Saha	Student	-	1	-

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Shaon Ray Chaudhuri	Kolkata	3.01.2020	IISER	Microbial Technology for sustainable nutritious food production with environmental protection.
Dr. Shaon Ray Chaudhuri	Hyderabad	3.02.2020	Electron Microscopy Society of India and Committee of Asia Pacific Societies for Microscopy	Microscopy for unveiling the mechanism of microbial finishing of Ramie fiber.
Dr. Shaon Ray Chaudhuri	Kolkata	23.2.2020	Bidhannagar Government College	Bioremediation of wastewater with value added product generation.
Dr. Shaon Ray Chaudhuri	Kolkata	24.2.2020	MaulanaAbulKalam Azad University of Technology, West Bengal	Wastewater treatment: Gradual evaluation
Dr. Shaon Ray Chaudhuri	Kolkata	25.2.2020	MaulanaAbulKalam Azad University of Technology, West Bengal	Wastewater treatment: the Microbial Approach
Dr. Shaon Ray Chaudhuri	Kolkata	25.2. 2020	Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta	Tailor made microbial consortium development for wastewater treatment and reuse
Dr. Ashwini Chauhan	Gurugram Haryana	17.01.2020	BML Munjal University	Surface modifications of Central VenousCatheters to inhibitbacterial biofilm infections & Diagnostics of Medical Biofilms

5. Patents Applied for/ Granted:

Name	Title of Patent	Applied/Granted	Patent No.	Date (Applied/Granted) (DD/MM/YY)	Licensed or Not
Shaon Ray Chaudhuri	Microbial consortium and process for degumming of ramie fiber	Applied	201931048663	27 th November 2019.	NA
Shaon Ray Chaudhuri	Formulation of bacterial consortium for bioremediation of petrochemical wastewater	Applied	202031011766	18 th March 2020	NA

6. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Sushanta Ghosh,	Full time	Studies on yeast isolates of food origin with antimicrobial properties from in an around Agartala	Dr Bipin Kumar Sharma	Registered
Nandita Nath,	Full time	Studies on potential yeast isolates from traditional alcoholic beverages of major ethnic tribes of tripura	Dr Bipin Kumar Sharma	Registered
David L. Kaipeng,	Full time	Studies on citrus canker and greening disease affecting citrus crop of Tripura	Dr Bipin Kumar Sharma	Registered
Lovely Rahaman,	Full time	Studies on phytochemical compounds as possible antibiofilm agents against pneumonia causing bacteria	Dr Bipin Kumar Sharma	Registered
Tethi Biswas	Full time	Development of tailor- made consortia for efficient effluent treatment	Dr Shaon Ray Chaudhuri	Registered
Mandakini Gogoi	Full time	Development of microbial prototype for effluent Treatment and reuse in Dairy and Aquaculture industry	Dr Shaon Ray Chaudhuri	Registered
Ankurita Bhowmik	Full time	Understanding biofilm Mechanisms and Development of antibiofilm Strategies	Dr. Ashwini Chauhan	Registered

7. Outreach Footprint of the Department:

7.1 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr Shaon Ray Chaudhuri	American Society of Microbiology	Contributing
Dr Shaon Ray Chaudhuri	American Chemical Society	Regular
Dr Shaon Ray Chaudhuri	Electron Microscope Society of India	Life Member; Executive Council Member
Dr Shaon Ray Chaudhuri	Association of Microbiologists of India	Life Member
Dr Shaon Ray Chaudhuri	Society for Applied Biotechnology.	Fellow
Dr Shaon Ray Chaudhuri	Eurasian Academy of Environmental Science.	Fellow
Dr Shaon Ray Chaudhuri	National Academy of Science India, Allahabad	Member
Dr. Ashwini Chauhan	American Society of Microbiology	Contributing
Dr Bipin Kumar Sharma	Association of Microbiologists of India	Life Member

8. Major thrust area of research:

Microbial Technology

9. New initiatives/Innovations:

Technology developed for dairy wastewater conversion to biofertilizer and system installed at Gomati Cooperative Milk Producers' Union Ltd.

Technology developed for microbial degumming of Ramie fiber with enhanced strength.

Technology developed for microbial treatment of petrochemical, process installed at East India Petroleum Pvt Ltd, Vishakhapatnam.

Aromatic oil extraction from natural herbs and fruits.

10. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
7	3	4

11. Major Instruments available in the Department:

Rotary Evaporator, PCR, Spectrophotometer, Cooling Centrifuge, Compound Microscope, shaking and cooling Incubator, Deep freezer(-80 and -20), Biosafety cabinets, Laminar air flow, Hot air oven and Sonicator.

12. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Shaon Ray Chaudhuri	-	UGC DAE CSR	Validation of the efficacy of treated dairy effluent as biofertilizer for cultivation of economic crop.	Rs 8,39,400/-	Rs 2,26,440/-	28 th Oct 2019-27 th Oct 2022
Dr. Ashutosh Kumar	-	UGC	Systemic analyses of Toxin-Antitoxin (TA) systems of pathogenic and non pathogenic strains of Mycobacterium tuberculosis - the potential drug targets?	10.00	08.00	2 years
Dr. Ashwini Chauhan		UGC	Central Venous catheter (CVC) associated bacterial biofilm infections: Novel Antibiotic Lock Therapy (ALT) using adjuvants	10.00	08.00	2years
Dr. Ashwini Chauhan		DST-Nanomedicine	In vivo Central Venous Catheters associated biofilm infections: surface treatment using nanomaterials (NMs) to decrease the thrombotic and infection risks	89.90	22.4569	3years

13. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Shaon Ray Chaudhuri	Visitor's Award in Technology 2019	17 th December 2019	President of India	-

In case of sports, inter university, zonal may also be considered.

14. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Prof A B Pandit	Institute of Chemical Technology, Mumbai	Twinning Project	From 2016 onwards
Dr M Sudarshan	UGC DAE CSR, Kolkata Centre	UGC DAE Project	From 2012 onwards
DrGopala Krishna Darbha	IISER, Kolkata	UGC DAE Project	From 2020 onwards
Prof N K Dubey	Banaras Hindu University	Twinning Project	From 2016 onwards
Dr. ManikaKhanuja	JamiaMiliaIslamia, N. Delhi	DST-Nanomission	Since 2017

15. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
KY Bishal Singh	M	OBC	no	Nestle	Nutrition officer	Nestle	Online Test, Field visit, Skype interview
Amit Debnath	M	OBC	Naturalist Water and Beverage LLP.	Microbiologist	Company Representative & Expert	Naturalist Water and Beverage LLP.	Personal Interview

DEPARTMENT OF MOLECULAR BIOLOGY AND BIOINFORMATICS

Head of the Department	:	Prof. Samir Kr. Sil
Year of Establishment	:	2011
Coordinator of the Department	:	Dr. Surajit Bhattacharjee
Programmes on offer	:	M.Sc. & Ph.D.
Intake capacity	:	18 in M.Sc.

Major achievements/ Vision of the Department :

The department is dedicated to offering the highest quality of teaching to its post graduate students and for preparing them for the rapid advances, as well as the long-term trends, in the fields of Molecular Biology and Bioinformatics. The department aims to provide the science major with an introduction to Molecular Biology and Bioinformatics courses at the masters-level graduate studies. This Department provides a center of excellence that promotes the understanding of the molecular events of Life processes. We also encourage and assure high quality research and other scholarly activities on the part of both faculty and students.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Surajit Bhattacharjee	Ph.D	Assistant Professor	Fulltime	Host-pathogen interaction, Immunology	Teaching-9 years, Research-17 Years	03	02	18	04	1899	24 (as per google scholar)
Dr. Chaitali Sarkar	Ph.D.	Guest Teacher	Guest Teacher	-	-	-	-	-	-	-	-
Mr. Sanjoy Majumder	M.Sc.	Guest Teacher	Guest Teacher	-	-	-	-	-	-	-	-

*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Surajit Bhattacharjee	NA	Arginase: A prospective regulator of oxidative stress during microbial pathogenesis	Chakraborti, S., Chakraborti, T., Chattopadhyay, D., Shaha, C.	Oxidative Stress in Microbial Diseases	International	Springer Nature Singapore	2019	DOI. 10.1007/978-981-13-8763-0_6.	97-109

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Page No.
Surajit Bhattacharjee	11	The anti-biofilm potential of triterpenoids isolated from <i>Sarcochlamys pulcherrima</i> (Roxb.) Gaud.	International	Microbial Pathogenesis	139	2020	doi: 10.1016/j.micpath.2019.103901.	103901.
Surajit Bhattacharjee	9	Free radical stress induces DNA damage response in RAW264.7 macrophages during <i>Mycobacterium smegmatis</i> infection.	International	Archives of Microbiology	201(4)	2019	doi: 10.1007/s00203-018-1587-y	487-498

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Surajit Bhattacharjee	Teacher	02	01	-

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Mr. Sandeep Das	Full Time	Studies on the metabolic effect of low and high calcium diet on Adipocytes of Rat.	Dr. Dipayan Choudhuri (Guide) Dr. Surajit Bhattacharjee (Co-guide)	Thesis Submitted

5. Outreach Footprint of the Department:

5.1 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Surajit Bhattacharjee	IIS	Life

5.2 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Surajit Bhattacharjee	Current Progress and Future Prospects in Biotechnology	Online	6 Days	08/06/2020 to 13/06/2020
Surajit Bhattacharjee	Transition to Online facilitation by NPTEL	Online	29 Days	06/05/2020 to 03/06/2020

Surajit Bhattacharjee	IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell,	Online	25 Days	28/04/2020 to 22/05/2020
Surajit Bhattacharjee	Empowerment Through Digital Technology and E-Learning	Online	13 Days	18/05/2020 to 30/05/2020

6. Major thrust area of research: Leishmanial infection, cell signaling and immune response during host-pathogen interaction, screening and development of antileishmanial and anti-biofilm agents.

7. New initiatives/Innovations: Non-invasive UTI detection KIT

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
4	4	1

9. Major Instruments available in the Department:

(1) BOD Incubator, (2) Bio-safety Cabinet, (3) PCR machine, (4) Cold Centrifuge, (5) Western Blot apparatus, (6) Tissue Culture Room, (7) Water purification system (8) Spectrophotometer (9) Server Computer, (10) Binocular Microscope, (11) Heat Blocker, (12) Shaker Incubator, (13) Circulating water bath (14) 4°C Refrigerator (15) -20°C Freezer (16) Ice flaker, (17) Midi Horizontal submarine Electrophoresis, (18) Electronic weighing balance

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Surajit Bhattacharjee	Prof. Gobardhan Das	DBT	Neo-therapeutic strategy for Tuberculosis with the combination of conventional antibiotics and natural flavone compounds that inhibits biofilm.	45	23	2018-2021
Dr. Surajit Bhattacharjee	Dr. Bhaskar Saha and Dr. Biplab Bose	Department of Science and Technology (DST-SERB)	Role of toll like receptors in leishmania infection: Spatio-temporal regulation of TLR expression and function	63.5	22.5	2016-19 (Continuing)

11. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Surajit Bhattacharjee	InDNA Life Science Pvt. Ltd., Bhubaneswar	UTI Detection Kit	2019 and 2020
Surajit Bhattacharjee	Indian Institute of Agricultural Biotechnology, Ranchi	Nanobiotechnology	2019 and 2020
Surajit Bhattacharjee	NCCS, Pune	Leishmania Immunology	2019 and 2020
Surajit Bhattacharjee	Bose Institute, Kolkata	Hos-pathogen interaction	2019 -2020

12. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Miss Nikita Banik	F	GEN	No	Department of Microbiology, T.U	JRF	NA	NA

DEPARTMENT OF PHARMACY

Head of the Department	:	Prof. Sukanta Banik (Dean, Faculty of Science)
Year of Establishment	:	2011
Programmes on offer	:	M.Pharm in Pharmaceutical Chemistry, Ph.D.
Intake capacity	:	15 (PCI Approved Intake Capacity for M.Pharm Course)

Major achievements/ Vision of the Department :

The Department of Pharmacy in Tripura University (A Central University), Suryamaninagar was established in the year 2011 with the goal of imparting postgraduate education and research training in pharmaceutical sciences for the first time in the state of Tripura. The primary objective of the Department of Pharmacy is to develop programs relevant to current global standards to meet the challenges of pharmaceutical industry. The Department of Pharmacy also endeavors towards excellence in drug discovery research projects to develop novel therapeutics for contemporary health problems. The department offers a Master of Pharmacy (M. Pharm., a four-semester full time program) in Pharmaceutical Chemistry and Ph.D degrees in various disciplines of pharmaceutical sciences. The M.Pharm program of the department has been affiliated with Pharmacy Council of India (PCI), New Delhi and AICTE, New Delhi.

These programs amalgamate advanced theoretical knowledge with independent research training in the fields of drug discovery and pharmaceutical chemistry under the supervision of experienced faculty members. Courses in our curriculum emphasize on promoting discovery of newer therapeutic molecules with better efficacy and safety profile. The candidates receive basic and advance knowledge in the areas of pharmaceutical chemistry, phytopharmaceuticals, nanopharmaceuticals, modern analytical techniques and structure-based drug design research. Therefore, our program enables our students to strive for higher professional achievements in the pharmaceutical industry, in entrepreneurship as well as in the academic sector.

Vision

To establish the Department of Pharmacy as a model institute of pharmaceutical research and education in the country to meet the global challenges of the industry and thereby develop pharmacy professionals with the highest professional acumen and achievements.

Mission

- ✓ To establish the department as a center of excellence for research and development in the field of pharmaceutical sciences
- ✓ To impart quality education in pharmacy through teaching learning processes.
- ✓ To carry on pharmaceutical industry oriented interdisciplinary biomedical research.
- ✓ To establish international collaborations for global exchange of knowledge.

Future Plans

1. Modernization of the existing laboratories through extramural research funding
2. Establishment of smart class rooms with e-library facility.
3. Introduction of other specializations of pharmaceutical science to enhance interdisciplinary research.
4. Placement drive for all students of the department

Our Strengths

- ✓ Meritorious and dedicated students and research scholars
- ✓ Learned and experienced faculty members committed to excellence in teaching and research.
- ✓ Centralized and departmental research facility
- ✓ Infrastructure and library facilities

Infrastructure and Research Facilities

Our department is housed in the newly built Academic Building-XI, Block-A (Ground floor) within the serene campus of Tripura University (A Central University) in a sprawling 75 acres of land at Suryamaninagar, Tripura. The entire campus including the library is Wi-Fi enabled with free access to the students and staffs. A central animal house is also available within the campus to conduct various biomedical research activities.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr Pratap Chandra Acharya	Ph.D	Assistant Professor	Full time	Pharmaceutical Chemistry	08 Years	Nil	04	15	03	131	05
Dr. Kuntal Manna	Ph.D, M.Pharm	Assistant Professor	Full time	Medicinal Chemistry, natural product, synthetic chemistry.	15 yrs.	Nil	04	24	02	420	10
Rajat Ghosh	M.Pharm	Assistant Professor	Full time	Medicinal Chemistry	Teaching-09 Industrial-03	Nil	Nil	20	02	111	05

**Must be mentioned*

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019 -20)	ISBN	Page No.
Kuntal Manna	Bikash Debnath and Waikhom Somraj Singh	A Review on Major Metabolites of Certain Marketed Plant Alkaloids	Edited by Atta-ur-Rahman	Frontiers in Natural Product Chemistry : Vol. 6,	International	Bentham Science	2020	ISSN: 1574-0897 (Print); ISSN: 2212-3997 (Online); ISBN: 978-981-14-4844-7 (Print); ISBN: 978-981-14-4846-1 (Online);	Pp. 1-27

								Year of Publication: 2020; DOI:10.2174/97898114484611200601 link: https://benthambooks.com/book/9789811448461/
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2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Page No.
Acharya, P. C.	Marwein, S.; Mishra, B.; De, U. C.;	Recent Progress of Adenosine Receptor Modulators in the Development of Anticancer Chemotherapeutic Agents.	International	Current Pharmaceutical Design	25	2019	https://doi.org/10.2174/1381612825666190716141851	2842-2858
Palmer, R. A.;	Lisgarten, D. R.; Cockcroft, J. K.; Lisgarten, J. N.; Talbert, R.; Dines, T.; Bansal, R.; Acharya, P. C.; Suryan, A.	Crystal and Molecular Structure and DFT Calculations of the Steroidal Oxime 6E-Hydroximino-androst-4-ene-3,17-dione (C ₁₉ H ₂₅ NO ₃) a Molecule with Antiproliferative Activity.	International	Journal of Chemical Crystallography	49	2019	https://doi.org/10.1007/s10870-018-0747-x	29-36.
Kuntal Manna	Debnath B, Singh WS	Sources and toxicological effects of lead on human health	International	Indian Journal of Medical Specialities	10(2)	2019	DOI: 10.4103/INJMS.INJMS_30_18	-
Kuntal Manna	Debnath B.	Phytochemicals and nutrient profiles, anti-oxidant study of three edible parts (flower, fruit and stem) of <i>Musa paradisiaca</i> (Banana plant): Cultivate in Tripura, North-east India	International	Current Biotechnology	8	2019	DOI: 10.2174/2211550108666190315161848	-
Kuntal Manna	Sanchari Goswami	Nutritional Analysis and Overall Diet Quality of Fresh and Processed (Sun-dried and Fermented) <i>Puntius sophera</i>	International	Current Research in Nutrition and Food Science	07, (2)	2019	ISSN: 2347-467X	-

Kuntal Manna	Debnath B, Singh WS	A Review on Major Metabolites of Certain Marketed Plant Alkaloids	International	Frontiers in Natural Product Chemistry	6	2020	DOI: 10.2174/9789811448461120060004	-
Kuntal Manna	Debnath B, Singh WS, Das M, Goswami S	Biodynamic activities of ellagic acid: A dietary polyphenol	International	Journal of Nature and Science of Medicine	3(2)	2020	DOI: 10.4103/JNSM.JNSM_32_19	-
Kuntal Manna	Debnath B.	Phytochemicals, nutritional properties and antioxidant activity of shoot of <i>Melocannabaccifera</i> , a traditional vegetable of northeast India	International	Journal of Food Agriculture and Environment	18(1)	2020	DOI: 10.1234/4.2020.5584	-
Kuntal Manna	Sanchari Goswami	Nutritional Analysis and Overall Diet Quality of Fresh and Sun-dried <i>Mystusbleekeri</i>	International	Current Nutrition & Food Science	-	2020	DOI: 10.2174/1573401316666200217111845	-
Dr. Kuntal Manna	Mr. Soumen Mukherjee	Evidence Based Studies On Health Literacy in Higher Learning Students (Age of 18-30) Of Tripura (Paper – ID 10)	International	International Conference on Industrial Development in the North Eastern Region-Challenges and Opportunities; sponsored by North Eastern Development Council, Shillong, under Ministry of Development of North Eastern Region, Govt. of India will be organized from 27th – 29th February 2020 by Department of BusinessManagement, Tripura University, India	-	27th – 29th February 2020	URL: http://icbm2020.tu.wordpress.com	-

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Rajat Ghosh	Teacher			01 [Department of Pharmaceutical Engineering and Technology, IIT-BHU Varanasi]

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Par time/ Full time	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Satyajeet Biswal	Full time	Not decided	Dr. Pratap Chandra Acharya	Registered
Mr. Sumanta Debbarma	Full time	Not decided	Dr. Pratap Chandra Acharya	Registered

5. Outreach Footprint of the Department: Nil

5.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International /National	No. of Participants
1	12/03/2020	One day	Cutting Edge Technologies in Chromatography and Mass Spectrometry	Seminar	National	35

6. Major thrust area of research:

- ✓ Natural products-based drug discovery
- ✓ Anticancer and antidiabetic drug discovery.
- ✓ Analytical method development\
- ✓ Heterosteroid synthesis and steroid modifications
- ✓ Synthesis of lipid-drug bioconjugates and heterocyclic small molecules to target cancer & neurodegenerative diseases
- ✓ Synthesis of glycolipids for nanodelivery of anticancer drugs

7. New initiatives/Innovations:

Various funded projects sanctioned by UGC, DBT, DST and AICTE are being run in the department towards development of new drug candidates to target cancer, diabetes and neurodegenerative diseases.

8. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
05	02	03

9. Major Instruments available in the Department:

- ✓ ATR-FTIR Alpha, Bruker, Germany.
- ✓ Digital Magnetic Stirrer with Hot Plate, Tarson, India.
- ✓ Digital Melting Point Apparatus.
- ✓ Digital pH meter, Mettler, USA.
- ✓ Fume hood
- ✓ Hot Air Oven, Labman, India.
- ✓ Ice Flaking Machine, Simag, Italy.
- ✓ Mechanical Overhead Stirrer, IKA, Germany.
- ✓ Melting Point Apparatus, Sunsim & Stuart, India.
- ✓ Mettler Toledo Balance, Mettler, USA.
- ✓ Oil cum Water bath, SNS, India.
- ✓ Polarimeter
- ✓ Rotary Evaporator with Chiller, IKA, Germany.
- ✓ Rotary Vane Vacuum Pump, Tarson, India.
- ✓ Ultrasonic Bath
- ✓ UV Chamber for TLC.
- ✓ UV Spectrophotometer, Shimadzu, Japan.
- ✓ Vacuum Pump.
- ✓ Water Bath.
- ✓ Water Distillation Unit, Riviera, India.

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
DrPratap Chandra Acharya	Nil	CSIR, New Delhi	Stereoselective synthesis of heterosteroidal spirocyclic oxindoles as antineoplastic agents	20.12	2.95	03 Years
DrPratap Chandra Acharya	Nil	DBT, New Delhi	Investigation of hydrophobically modified polysaccharides for nanodelivery of anticancer drugs in the treatment of multidrug resistance colon cancer	65.964	15.00	03 Years
Dr. Kuntal Manna	Nil	AICTE, New Delhi, India	Formulations and evaluation of herbal nutraceutical solid dosage forms using indigenous edible plant parts/vegetables of North-Eastern Himalayan region as sources of nutrients and health benefitting components.	16.80 Lac	13.60 Lac	3 Years
Dr. Kuntal Manna	Bikash Debnath (SRF)	ICMR	Formulation and suitable biological evaluation of herbal nutraceutical tablet doses form using indigenous edible plants components of Tripura	14,20,800	4,73,600	3 Years

Rajat Ghosh	Nil	2019 AICTE, New Delhi	Rational design and synthesis of isatin inspired spirooxindole derivatives as antineoplastic agents	15.80	15.62	03 Yrs.
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11. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20 :

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr. Kuntal Manna	Best outstanding Paper in the 1 st International Conference on Industrial Development in the North Eastern Region- Challenges and Opportunities	29th February 2020	Department of Business Management, Tripura University, India	The International Conference was sponsored by North Eastern Development Council, Shillong under Ministry of Development of North Eastern Region, Govt. of India

In case of sports, inter university, zonal may also be considered.

12. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr Pratap Chandra Acharya	Bombay College of Pharmacy (Autonomous), Mumbai University	DBT-Twinning	2019-20

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ ST/ SC/ OBC/ EWS/MIN)	PH (Yes/No)	Name of the Organization/ Institution	Designation	Examination Body	Name of the Examination
Mr. Bimal Kanti Chakma	Male	ST	No	National Innovative Foundation, Department of Science and Technology	Field Researcher	NA	NA
Mr. Jyoti Bikash Kalita	Male	GEN	No	Piramal Swasthya Management and Research Institute, Guwahati Assam.	Health Advisory Officer,	NA	NA

DEPARTMENT OF PHYSICS

Head of the Department : Prof. Surya Chattopadhyaya
 Year of Establishment : 1990
 Programmes on offer : M.Sc. in Physics, Ph.D. in Physics
 Intake capacity : M.Sc. in Physics: 28 number in each semester (Total 28 + 28 = 56 in two semesters)
 Ph.D. in Physics: Number of intake varies from year to year. At present there are 19 Research Scholars working in various groups of the department.

Major achievements/ Vision of the Department :

1. The Department of physics offers an M.Sc. in Physics (CBCS system). The Major courses offered by the department at the M.Sc. level are: Classical Mechanics, Mathematical Physics, Statistical Physics, Quantum Mechanics, Nuclear and Particle Physics, Atomic and Molecular Physics, Electrodynamics and Special Theory of Relativity, Astrophysics, Electronics, Computer Programming and projects on various topics. Besides these subjects, students are also allowed to take elective subjects from other departments and also computer fundamental course.
2. A large number of students each year qualify NET and SET. After passing M.Sc. most of them are absorbed in different positions, mostly in schools, colleges, banks and other departments of the State and Central governments. A few of them also pursue Ph.D. work in Tripura University as well as in other Universities / Institutions.
3. Department received a grant of Rs. 175 lakhs from FIST- DST and Rs 108.5 lakhs from UGC to develop better research facilities and better Laboratory and infrastructure facilities for the students, scholars and faculty members of the department.
4. Faculty members also received a good number of projects (more than 425 lakhs) from various Central funding agencies namely DST, CSIR, ISRO, UGC etc.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D. Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. Debajyoti Bhattacharjee	Ph.D.	Professor	Full time	Thin Film and Nano Science	21	09	01	05	00	1988	23
Prof. Surya Chattopadhyaya	Ph.D.	Professor	Full time	Theoretical condensed matter physics & materials science	18	02	06	05	00	447	12
Dr. Syed Arshad Hussain	Ph.D.	Associate Professor	Full time	Thinfilms & Nanoscience	16	09	04	05	00	2630	20
Dr. Anirban Guha	Ph.D.	Assistant Professor (Stage III)	Full time	Atmospheric Science	13.5	03	04	05	00	425	13

Dr. Ratan Das	Ph.D.	Assistant Professor (Stage II)	Full time	Nanophysics and Nanotechnology	08	01	04	05	00	499	13
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*Must be mentioned

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National / International	Name of the Journal/ Proceedings / Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Surya Chattopadhyaya	Debankita Ghosh, Sayantika Chanda, Bimal Debnath, Manish Debbarma, Rahul Bhattacharjee	First principles investigations of structural and optoelectronic properties of cubic $Mg_xZn_{1-x}Se_yTe_{1-y}$ quaternary semiconductor alloys using FP-LAPW approach	International	Applied Physics A: Materials Science & Processing [SPRINGER]	125	2019	DOI: https://doi.org/10.1007/s00339-019-2938-5	644
Surya Chattopadhyaya	Debankita Ghosh, Sayantika Chanda, Bimal Debnath, Manish Debbarma, Rahul Bhattacharjee	Structural and optoelectronic properties of cubic $Mg_xZn_{1-x}S_yTe_{1-y}$ semiconductor quaternary alloys-a first principles investigation	International	Physica B: Physics of Condensed Matter [ELSEVIER]	574	2019	DOI: https://doi.org/10.1016/j.physb.2019.411669	411669
Surya Chattopadhyaya	Syantika Chanda, Debankita Ghosh, Bimal Debnath, Manish Debbarma, Rahul Bhattacharjee	Calculations of the structural and optoelectronic properties of cubic $Cd_xZn_{1-x}Se_yTe_{1-y}$ semiconductor quaternary alloys using the DFT-based FP-LAPW approach	International	Journal of Computational Electronics [SPRINGER]	19	2020	DOI: https://doi.org/10.1007/s10825-019-01409-0	1
Surya Chattopadhyaya	Syantika Chanda, Debankita Ghosh, Bimal Debnath, Manish Debbarma, Rahul Bhattacharjee	First principle investigations of structural and optoelectronic features of cubic $Cd_xZn_{1-x}S_yTe_{1-y}$ quaternary semiconductor alloys	International	Optik - International Journal for Light and Electron Optics [ELSEVIER]	201	2020	DOI: https://doi.org/10.1016/j.ijleo.2019.163510	163510
Surya Chattopadhyaya	Bimal Debnath, Manish Debbarma, Debankita Ghosh, Syantika Chanda, Rahul Bhattacharjee	Density Functional Investigations of Structural, Mechanical and Optoelectronic Properties of BeS_xSe_{1-x} , BeS_xTe_{1-x} and $BeSe_xTe_{1-x}$ Ternary Alloys	International	Journal of Electronic Materials [SPRINGER]	49	2020	DOI: https://doi.org/10.1007/s11664-019-07820-4	1372

Surya Chattopadhyaya	Bimal Debnath, Manish Debbarma, Debankita Ghosh, Sayantika Chanda, Rahul Bhattacharjee	Structural, mechanical and optoelectronic properties of cubic $\text{Be}_x\text{Mg}_{1-x}\text{S}$, $\text{Be}_x\text{Mg}_{1-x}\text{Se}$ and $\text{Be}_x\text{Mg}_{1-x}\text{Te}$ semiconductor ternary alloys: a density functional study	International	Bulletin of Materials Science [SPRINGER]	43	2020	DOI: https://doi.org/10.1007/s12034-019-2006-y	59
Surya Chattopadhyaya	Utpal Sarkar, Bimal Debnath, Manish Debbarma, Sayantika Chanda, Debankita Ghosh, Rahul Bhattacharjee	Structural, mechanical and optoelectronic features of cubic $\text{Mg}_x\text{Cd}_{1-x}\text{S}$, $\text{Mg}_x\text{Cd}_{1-x}\text{Se}$ and $\text{Mg}_x\text{Cd}_{1-x}\text{Te}$ semiconductor ternary alloys: Theoretical investigations using density functional FP-LAPW approach	International	Computational Condensed Matter [ELSEVIER]	22	2020	DOI: https://doi.org/10.1016/j.cocom.2019.e00448	e00448
Surya Chattopadhyaya	Manish Debbarma, Subhendu Das, Bimal Debnath, Sayantika Chanda, Debankita Ghosh, Rahul Bhattacharjee	Density Functional Calculations of Elastic and Thermal Properties of Zinc-Blende Mercury-Cadmium-Chalcogenide Ternary Alloys	International	Metals and Materials International [SPRINGER]	26	2020	DOI: https://doi.org/10.1007/s12540-020-00778-7	1
Surya Chattopadhyaya	Manish Debbarma, Subhendu Das, Bimal Debnath, Sayantika Chanda, Debankita Ghosh, Rahul Bhattacharjee	Density functional calculations of elastic and thermal properties of zinc-blende $\text{HgS}_x\text{Se}_{1-x}$, $\text{HgS}_x\text{Te}_{1-x}$ and $\text{HgSe}_x\text{Te}_{1-x}$ ternary alloys	International	Computational Condensed Matter [ELSEVIER]	-	2020	DOI: 10.1016/j.cocom.2020.e00482	e00482
Surya Chattopadhyaya	Subhendu Das, Rahul Bhattacharjee	First principle investigations of structural, electronic and magnetic properties of Cr doped zinc-blende MgTe ternary alloys with DFT based FP-LAPW approach	International	Materials Today: Proceedings [ELSEVIER]	-	2020	DOI: https://doi.org/10.1016/j.matpr.2020.05.491	-
Surya Chattopadhyaya	Debankita Ghosh	A theoretical investigation of structural, electronic and optical properties of wurtzite $\text{Be}_x\text{Zn}_{1-x}\text{O}$ ternary alloys using DFT based FP-LAPW approach	International	Materials Today: Proceedings [ELSEVIER]	-	2020	DOI: https://doi.org/10.1016/j.matpr.2020.05.212	-

Surya Chattopadhyaya	Utpal Sarkar	First principle investigation of structural, electronic and optical properties of $Mg_xZn_{1-x}S$ hexagonal wurtzite ternary alloys	International	Materials Today: Proceedings [ELSEVIER]	-	2020	DOI:https://doi.org/10.1016/j.matpr.2020.04.523	-
Syed Arshad Hussain	Surajit Sarkar, Barnali Deb, Sudip Suklabaidya, Santanu Chakraborty, Debajyoti Bhattacharjee, Swapan Majumdar, Yasutaka Suzuki, Jun Kawamata, Bapi Dey,	Self-standing films of tetraindolyl derivative and saponite clay mineral with reversible colour switching properties	International	Journal of Physics and Chemistry of Solids [ELSEVIER]	144	2020	https://doi.org/10.1016/j.jpcs.2020.109487	109487
Syed Arshad Hussain	Santanu Chakraborty	Fluorescence resonance energy transfer (FRET) between acriflavine and CdTe quantum dot	International	Materials Today: Proceedings [ELSEVIER]	-	2020	https://doi.org/10.1016/j.matpr.2020.02.757	-
Syed Arshad Hussain	Bapi Dey, Surajit Sarkar, Hritinava Banik	Resistive Switching Behaviour of Organic Molecules	International	Materials Today: Proceedings [ELSEVIER]	-	2020	https://doi.org/10.1016/j.matpr.2020.05.192	-
Syed Arshad Hussain	Ripa Paul, Sudip Suklabaidya	Fluorescence Resonance Energy Transfer (FRET) as Biomarkers	International	Materials Today: Proceedings [ELSEVIER]	-	2020	https://doi.org/10.1016/j.matpr.2020.05.217	-
D. Bhattacharjee	Jaba Saha, S. Suklabaidya, J. Nath, A. D. Roy, D. Dey, B. Dey, Syed Arshad Hussain	Fluorescence and FRET based mercury (II) sensor	International	International Journal of Environmental Analytical Chemistry (Taylor and Francis)	100	2020	https://doi.org/10.1080/03067319.2019.1641202	789-807
D. Bhattacharjee	S. Suklabaidya, S. Chakraborty, J. Saha, B. Dey, S. Sarkar, Syed Arshad Hussain	Study of polydiacetylenes and rhodamine-800 mixed film at air-water interface and onto solid support: Trace of fluorescence resonance energy transfer (FRET)	International	Polymer Bulletin (Springer)	-	2020	https://doi.org/10.1007/s00289-020-03102-w	-

Syed Arshad Hussain	Bapi Dey, Sudip Suklabaidya, Prof. Swapan Majumdar, Dr. Pabitra Kumar Paul, Prof. Debajyoti Bhattacharjee	Effect of Functional Group on Electrical Switching Behaviour of an Imidazole Derivative in Langmuir-Blodgett Film	International	Chemistry Select (Wiley)	4	2019	https://doi.org/10.1002/slct.201901824	9065 – 9073
Syed Arshad Hussain	Pradip Maiti, Tanmoy Singha, Utsav Chakraborty, Sannak Dutta Roy, Parimal Karmakar, Bapi Dey, Sharmistha Paul, Pabitra Kumar Paul	Selective and sensitive detection of l-Cysteine via fluorometric assay using gold nanoparticles and Rhodamine B in aqueous medium	International	Materials Chemistry and Physics (Elsevier)	234	2019	https://doi.org/10.1016/j.matchemphys.2019.06.001	158-167
D. Bhattacharjee	Sudip Suklabaidya, Bapi Dey, D. Bhattacharjee, Sehar Chakraborty, Syed Arshad Hussain	Phase behaviour of Poly diacetylene mixed with a Xanthene dye at air-water interface and onto solid support	International	Softmaterials (Taylor & Francis)	17	2019	https://doi.org/10.1080/1539445X.2019.1548358	77-92
Ratan Das	Debojyoti Nath, Ratan Das	Phase transformation of CdSe nanocrystals at high fluence irradiation of 120MeV swift Ni ¹⁰⁺ and Ag ⁷⁺ ions – X-ray diffraction and Raman spectral analysis	International	Applied Surface Science [ELSEVIER]	509	2020	DOI: 10.1016/j.apsusc.2019.144708	144708
Ratan Das	Debojyoti Nath, Simi Debnath, Pijush Ch. Dey, Fouran Singh	Microstructural analysis of SHI irradiated CdS nanocrystals- utilizing first principles method	International	Journal of Alloys and Compounds [ELSEVIER]	824	2020	DOI: 10.1016/j.jallcom.2020.153968	153968
Ratan Das	Debojyoti Nath, Fouran Singh	Band gap engineering of cadmium selenide nanocrystals using 120 MeV Ag ⁷⁺ swift heavy ions, alongside theoretical evidence through PBE+ U analysis	International	Journal of Alloys and Compounds [ELSEVIER]	836	2020	DOI: 10.1016/j.jallcom.2020.155535	155535
Ratan Das	Debojyoti Nath, Fouran Singh	X-ray diffraction analysis by Williamson-Hall, Halder-Wagner and size-strain plot methods of CdSe nanoparticles- a comparative study	International	Materials Chemistry and Physics [ELSEVIER]	239	2020	DOI: 10.1016/j.matchemphys.2019.122021	122021

Ratan Das	Debojyoti Nath, Fouran Singh	120 MeV Ni ¹⁰⁺ swift heavy ions irradiation on CdSe nanocrystals induces cubic to hexagonal phase transformation-A study of microstructural modification	International	Materials Science in Semiconductor Processing[ELSEVIER]	114	2020	DOI: 10.1016/j.mssp.2020.105079	105079
Ratan Das	Simi Debnath	Study of the optical properties of Zn doped Mn spinel ferrite nanocrystals shows multiple emission peaks in the visible range –A promising soft ferrite nanomaterial for deep blue LED	International	Journal of molecular structure [ELSEVIER]	1199	2020	DOI: 10.1016/j.molstruc.2019.127044	12704
Ratan Das	Babli Debnath, Sumit Sarkar	Effects of Saponin Capped Triangular Silver Nanocrystals on the Germination of Pisum Sativum, Cicer Arietinum, Vigna Radiata Seeds & their Subsequent Growth Study	International	IET Nanobiotechnology	14	2020	DOI: 10.1049/iet-nbt.2019.0161	25
Ratan Das	Pijush Ch. Dey, Priyatosh Nath, Debasish Maiti	Antibacterial activity of MPACapped CdTe and Agdoped CdTe nanocrystals: Showing different activity against grampositive and gramnegative bacteria	International	Chemical papers [SPRINGER]	-	2020	DOI: 10.1007/s11696-020-01170-w	-
Ratan Das	Pijush Ch. Dey	Enhanced photocatalytic degradation of methyl orange dye on interaction with synthesized ligand free CdS nanocrystals under visible light illumination	International	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy [ELSEVIER]	231	2020	DOI: 10.1016/j.saa.2020.118122	118122
Ratan Das	Sumit Sarkar, Biraj Sarkar, Sukhendu Mandal	Different anisotropic silver nanocrystals show different antibacterial activities – an effect of different prominent crystallographic orientations in different shapes	National	Current Science	118	2020	ISSN: 0011-3891	-
Anirban Guha	B. Paul, B.K. De	Comments on the percentage of occurrence methodology used in “a study of L band scintillations during the initial phase of rising solar activity at an Indian low latitude station	International	Advances in Space Research (Elsevier Science)	63	2019	https://doi.org/10.1016/j.asr.2018.12.003	1227-1233

Anirban Guha	K. A. Nicoll, R. G. Harrison, V. Barta, J. Bor, R. Brugge, A. Chillingarian, J. Chum, A. K. Georgoulas, K. Kourtidis, M. Kubicki, E. Mareev, J. Matthews, H. Mkrtchyan, A. Odzimek, J. P. Raulin, D. Robert, H.G. Silva, J. Tacza, Y. Yair and R. Yaniv	A global atmospheric electricity monitoring network for climate and geophysical research	International	Journal of Atmospheric and Solar-Terrestrial Physics (Elsevier Science)	184	2019	https://doi.org/10.1016/j.jastp.2019.01.003	18-29
Anirban Guha	E. Pracser, T. Bozoki, G. Satori, E. Williams, H. Yu	Reconstruction of global lightning activity based on Schumann Resonance measurements: Model description and synthetic tests	International	Radio Science, (American Geophysical Union)	54(3)	2019	https://doi.org/10.1029/2018RS006772	254-267
Anirban Guha	E. Williams, R. Boldi, H. Christian and, D. Buechler	Global lightning activity and the hiatus in global warming	International	Journal of Atmospheric and Solar-Terrestrial Physics (Elsevier Science)	189	2019	https://doi.org/10.1016/j.jastp.2019.03.011	27-34
Anirban Guha	N. Barman, R. Roy, B. Saha, S. S. Kundu, A. Borgohain, B. K. De	Investigation of seasonal variation of compensation parameter and absorption Ångstrom Exponent of aerosol after loading correction over a remote station in north-east India	International	Atmospheric Environment (Elsevier Science)	212	2019	https://doi.org/10.1016/j.atmosenv.2019.05.036	106-115
Anirban Guha	K. Saha, N. P. Damase, T. Banik, B. Paul, S. Sharma, B. K. De	Satellite-based observation of lightning climatology over Nepal	International	Journal of Earth System Science (Springer Science)	128 (221)	2019	https://doi.org/10.1007/s12040-019-1239-x	Not available yet
Anirban Guha	A. Patari, B. K. De, B. Paul	Conjugate hemispheric response of earth's ionosphere due to geomagnetic storms occurred during two equinox periods	International	IOP Publishing, IOP Conf. Series, Journal of Physics: Conf. Series	1330(012004)	2019	doi:10.1088/1742-6596/1330/1/012004	Not available yet

Anirban Guha	A. Patari, B. K. De, B. Paul	Response of the Earth's equatorial ionosphere during the severe G4-class geomagnetic storm of 8th September 2017	International	IOP Publishing, IOP Conf. Series, Journal of Physics: Conf. Series	1330(01 2005)	2019	doi:10.1088/1742-6596/1330/1/012005	Not available yet
Anirban Guha	Y. Liu, J. Montanyà, Y. Wang and Z. Fu	Effects of single impulse current and multiwaveform multipulse currents on aluminum alloy in lightning damage analysis	International	IEEE Transactions on Plasma Science	48(4)	2020	DOI: 10.1109/TPS.2020.2977930	1146-1153
Anirban Guha	P. Kaur, P. Srinivasan, P. Dhar, B. K. De	Study of spectral characteristics of black carbon from biomass burning and source apportionment over Agartala in the northeastern India	International	Environmental Science and Pollution Research (Springer Science)	27	2020	https://doi.org/10.1007/s11356-020-08094-8	16584 - 16598
Anirban Guha	K. Saha, B. K. De, B. Paul	Satellite launch vehicle effect on the Earth's lower ionosphere: A case study	International	Advances in Space Research (Elsevier Science)	65(11)	2020	https://doi.org/10.1016/j.asr.2020.02.026	2507-2514
Anirban Guha	B. Paul, B. K. De, K. Saha	A comparative study between two percentage of occurrence methodologies for computing ionospheric scintillation statistics	International	Advances in Space Research (Elsevier Science)	66(3)	2020	https://doi.org/10.1016/j.asr.2020.04.024	571-590
Anirban Guha	Y. Liu, R. Said, E. Williams, J. Lapierre, M. Stock and S. Heckman	Aerosol effects on lightning characteristics: A comparison of polluted and clean regimes	International	Geophysical Research Letters (American Geophysical Union)	Not available yet	2020	https://doi.org/10.1029/2019GL086825	Not available yet

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Debankita Ghosh	Research Scholar	05	01	02
Sayantika Chanda	Research Scholar	03	01	03
Bimal Debnath	Research Scholar	02	02	03
Subhendu Das	Research Scholar	01	01	01
Utpal Sarkar	Research Scholar	04	02	01
Manish Debbarma	Research Scholar	05	02	03
Babli Debnath	Research Scholar	01	04	00
Simi Debnath	Research Scholar	01	04	00
Debojyoti Nath	Research Scholar	02	06	00
Surajit Sarkar	Research Scholar	02	02	02

Sudip Suklabaidya	Research Scholar	02	02	02
Hritinava Banik	Research Scholar	01	01	01
Ripa Paul	Research Scholar	01	01	01
Bapan Paul	Research Scholar	01	05	02
Kumarjit Saha	Research Scholar	02	04	01
Parminder Kaur	Research Scholar	01	04	01
Jyotirmoy Kalita	Research Scholar	01	02	01
Joydeb Saha	Research Scholar	02	01	01
Nilima Biswas	Research Scholar	01	00	01

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Syed Arshad Hussain	International Conference: 31st MRSI AGM cum 2nd materials conclave	11-14th February, 2020	CGCRI, Kolkata, India	Clay minerals – the ideal host material to manipulate the properties of organic molecules
Syed Arshad Hussain	Celebration of International Science Day by M.B.B. University, Agartala, Tripura	28th Feb., 2020	M.B.B. University, Agartala, India	Beauty of Nanotechnology with glimpse of probable future applications
Syed Arshad Hussain	National Conference on Application of Nanotechnology and Biotechnology in daily life (NSW-ANBDL)	26th to 28th September 2019	Sibsagar College, Joysagar, Assam, India	Organo – clay supramolecular assemblies with colour switching properties

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Mr. Manish Debbarma	Full time (CSIR-NET-JRF)	Density functional theory (DFT) based calculations of physical properties of some mercury (Hg) doped transition metal chalcogenide ternary alloys	Prof. Surya Chattopadhyaya	Registered
Mr. Utpal Sarkar	Part time Fellow	Calculations of physical properties of some alkaline-earth element doped transition metal chalcogenide ternary alloys using density functional theory (DFT) based full-potential linearized augmented plane wave (FP-LAPW) methodology	Prof. Surya Chattopadhyaya	Registered
Ms. Debankita Ghosh	Full time (RET Fellow)	First principle based theoretical investigation of physical properties of some chalcogenide ternary and quaternary alloys containing alkaline-earth and transition metal elements	Prof. Surya Chattopadhyaya	Registered
Ms. Sayantika Chanda	Full time (DST-INSPIRE - JRF)	Theoretical investigation of physical properties of some chalcogenide ternary and quaternary alloys containing elements of transition metal group using density functional theory (DFT) based full-potential linearized augmented plane wave (FP-LAPW) approach	Prof. Surya Chattopadhyaya	Registered
Mr. Bimal Debnath	Full time (RET Fellow)	Theoretical condensed matter physics & materials science	Prof. Surya Chattopadhyaya	Course work completed

Mr. Subhendu Das	Part time Fellow	Theoretical condensed matter physics & materials science	Prof. Surya Chattopadhyaya	Pursuing Pre-Ph.D. Course work
Pijush Ch. Dey	Full time (RET Fellow)	Synthesis of a few pure and doped Group II-VI semiconductor nanocrystals by chemical route for the study of their optical and elastic properties and their application.	Dr. Ratan Das	Thesis Submitted
Babli Debnath	Full time (RET Fellow)	Sensing, Degradation and Removal of different toxic chemicals from water using the optical properties of chemically synthesized Silver and Gold Nanoparticles.	Dr. Ratan Das	Registered
Simi Debnath	Fulltime	Synthesis of a few magnetic and non magnetic metal doped spinel ferrite nanocrystals by chemical method for the study of their structural, elastic, optical, electrical and magnetic properties along with their suitable application.	Dr. Ratan Das	Registered
Debojyoti Nath	Full time (SERB-DST project Fellow)	Nano physics & nanotechnology	Dr. Ratan Das	Course work completed
Surajit Sarkar	Full time (RET Fellow)	Thin film & nanoscience	Syed Arshad Hussain	Course work completed
Sudip Suklabaidya	Full time (RET Fellow)	Investigations of Polydiacetylenes Assembled onto Langmuir and Langmuir-Blodgett Films	Syed Arshad Hussain	Registered
Hritinava Banik	Full time (RET Fellow)	Design and study of voltametric sensors	Syed Arshad Hussain	Pursuing Pre-Ph.D. Course work
Ripa Pal	Full time (RET Fellow)	Design and study of Ratiometric FRET sensors	Syed Arshad Hussain	Pursuing Pre-Ph.D. Course work
Bapan Paaul	Full time (SRF)	Atmospheric Science	Anirban Guha	Awarded
Kumarjit Saha	Full time (SRF)	Atmospheric Science	Anirban Guha	Thesis submitted
Parminder Kaur	Full time (JRF)	Atmospheric Science	Anirban Guha	Registered
Jyotirmoy Kalita	Fulltime (JRF)	Atmospheric Science	Anirban Guha	Course work completed
Joydeb Saha	Full time (RA)	Atmospheric Science	Anirban Guha	Course work completed
Nilima Biseas	Part time Fellow	Thin film & nanoscience	Debajyoti Bhattacharjee	Course work completed

6. Outreach Footprint of the Department:

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/ Symposia Lecture/ Talk	International/ National	No. of Participants
1	4-6 March, 2020	3 days	Third International Conference on Material Science (ICMS2020)	Conference	International	256
2.	19-20 September, 2019	2 days	Recent Trends of Microscopy: Light to Electron Microscopy & Digital Image Analysis	Workshop	National	71
3.	12-14 September 2019	3 days	Roundtable Meeting on Lightning and Thunderstorm - (RMLT) 2019	Seminar	International	50

6.2 Interaction with Industry/ NGO/ Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes,Specify Number.)
1.	Anirban Guha	Earth Networks	USA	Yes	No	No

6.3 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Syed Arshad Hussain	American Nano Society (ANS)	Invited Life Member
Syed Arshad Hussain	American Institute of Physics (AIP)	Life Member
Syed Arshad Hussain	Indian National Science Academy	Life Member
Syed Arshad Hussain	Material Research Society of India (MRSI)	Life Member
Syed Arshad Hussain	Indian Physics Association (IPA)	Life Member
Syed Arshad Hussain	Physics Academy of North East (PANE)	Life Member
Anirban Guha	American Geophysical Union (AGU), USA	Life Member
Anirban Guha	National Postdoctoral Association, USA	Member
Anirban Guha	Physics Academy of North East (PANE)	Life Member

6.4 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Ratan Das	Refresher Course on Science and Technology for Social Development	Faculty Development Center, Tripura University	15 days	11 th September to 25 th September, 2019
Dr. Ratan Das	NPTEL online workshop on Transition to online Facilitation	NPTEL, IIT Madras	30 days	6 th May to 8 th June, 2020
Dr. Ratan Das	Online FDP on "The role of advance materials and nanotechnology in present scenario"	Vemana Institute of Technology, Koramagala, Bangalore	5 days	22 nd June to 26 th June, 2020
Dr. Ratan Das	Online FDP on "Communication skills and Use of ICT tools for effective Teaching, Learning and Evaluation	Government First Grade Degree College and PG Centre Dharwad, Karnataka	One week	22 nd June to 28 th June, 2020

7. Major thrust area of research:

A. **Thin films & Nanoscience:** Faculty Members Involved in this group: Prof. D. Bhattacharjee & Dr. S. A. Hussain

Research Interest:

Thin film and Nanoscience: Organo-clay hybrid, FRET, Biosensor, Biomimetic Surfaces, Langmuir films, Molecular aggregates, Organic switching devices, Colorimetric Sensors, voltametric sensors etc.

B. **Atmospheric Science:** Faculty member involved in this group: Dr. A. Guha

Research interest:

Lightning and its effects on terrestrial environment, its relation with long term climate change Coupling mechanism between upper atmosphere (magnetosphere and ionosphere) and troposphere and its relation with space environment, Atmospheric aerosol radiative forcing on synoptic scale, Precursory signature of earthquakes through electromagnetic channel

C. **Theoretical condensed matter physics & materials science:** Faculty Member involved in this group: Prof. Surya Chattopadhyaya

Research Interest:

Theoretical condensed matter physics, Theoretical materials science
Simulations of various compounds alloys composites, films layers etc and studies of their different properties with proper applications.

D. **Nanomaterials and Nanotechnology:** Faculty member involved in this group: Dr. Ratan Das

Research Interest:

Synthesis and characterization of metal, semiconductor and Magnetic nanoparticles for the study of their different properties with proper applications

8. New initiatives/Innovations:

Center for Lightning and Thunderstorm Studies (CeLTS) was formally inaugurated on the occasion of Roundtable Meeting on Lightning and Thunderstorm - (RMLT) 2019 during 12-14 September 2019 at the Department of Physics, Tripura University.

9. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
09	05	04

10. Major Instruments available in the Department:

Instruments for Thin Film Preparation:

Fluorescence Imaging Microscope attached with Langmuir-Blodgett film deposition instrument (Apex Instruments, India)

Langmuir-Blodgett film deposition instrument (Apex Instruments, India)

Automatic computer controlled Dip coater (Apex Instruments, India)

Programmable Spin Coater (Apex Instruments, India)

Vacuum deposition unit (HindHiVac)

Fluorescence spectrophotometer (Perkin Elmer)

UV-Vis absorption spectrophotometer (Perkin Elmer)

UV-Vis absorption spectrophotometer (Shimadzu)

FTIR Spectrophotometer (Perkin Elmer)
 Millipore water purification system (Millipore)
 Keithley source meters (constant current source, nano- voltmeter, I-V source meter)
 TGA/DT analyzer
 Duetta Fluorescence and Absorbance Spectrometer

Instruments in Atmospheric Science laboratory:

VLF/LF Receivers, Atmospheric Electric Field Monitor (BOLTEK EFM – 100), Three Component Magnetometer (LEMI 30 and 423), World Wide Lightning Location Network, GPS-Total Electron Content (GPS TEC), MICROTOPS II Sunphotometer, Aethalometer (Model AE31), Net Radiometer (Model no. CNR4 V1007), Automatic Weather Station (AWS, Model no. DCPAWSO2), Softpal VLF receiver

11. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Syed Arshad Hussain		DST-SERB	Photo-physical studies of some molecules in solution, bulk and ultrathin films in presence and absence of nano-clay: investigations of fluorescence resonance energy transfer and sensor application	30.40 Lakhs	Nil	03 years
Dr. Ratan Das		DST-SERB	Thermal Analysis of a few synthesized magnetic and non magnetic metal doped spinel ferrite nanocrystals by TGA/DTA and their subsequent structural, optical and electrical study	54.61 Lakhs	Nil	03 years
Dr. Ratan Das		DST-SERB	Study of the energy transfer between fluorescent and synthesized a few noble metal nanoparticles of different size and shape	28.73 lakhs	Nil	03 years
Dr. Ratan Das	Dr. Fouran Singh	IUAC, New Delhi	To study the correlation between optical and elastic properties of swift heavy ions irradiated samples of chemically synthesized a few Gr. II-VI semiconductor nanocrystals	5.79 lakhs	1.32 lakhs	03 years
Dr. Ratan Das	Dr. S M Yusuf, Dr. Debasish Sen, and Dr. V K Aswal	UGC-DAE Consortium, Mumbai Center	Study of the magnetic structure in a few synthesized metal doped spinel ferrite nanocrystals using neutron scattering method	1.35 lakhs	0.45 lakhs	03 years

Dr. Anirban Guha		Department of Space, Govt. of India	Aerosol Radiative forcing over India	120 lakhs	10 lakhs	9 years
Dr. Anirban Guha		Department of Space, Govt. of India	Investigation on the spatio-temporal distribution of clouds and dust storms in Martian atmosphere	18.5 lakhs	5.5 lakhs	3 years
Dr. Anirban Guha		UGC	What role do tropical thunderstorms play in driving the upper tropospheric water vapor feedback?	150 lakhs	92 lakhs	3 years

12. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr. Syed Arshad Hussain	Editorial Board Member of Recent patents on Nanotechnology (Impact Factor = 1.75)	July, 2019	Benthum Science	-
Dr. Syed Arshad Hussain	Micro and Nanosystem	August, 2019	Benthum Science	-
Dr. Syed Arshad Hussain	Nanoscience & Nanotechnology-Asia	June, 2019	Benthum Science	-

In case of sports, inter university, zonal may also be considered.

13. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Dr. Syed Arshad Hussain	Prof. Jun Kawamata, Yamaguchi University, Japan	Cooperative Science Program of Yamaguchi University, Japan	2019-20
Dr. Syed Arshad Hussain	Prof. T. Matsumoto & Prof. Megumi Akai-Kasaya Osaka University, Japan	Foreign Collaboration Research Program of Osaka University, Japan	2019-20
Dr. Syed Arshad Hussain	Dr. P. K. Paul, Jadavpur University		2019-20
Dr. Ratan Das	Dr. Fouran Singh	IUAC, New Delhi	2019-2020
Dr. Ratan Das	Dr. S M Yusuf, Dr. Debasish Sen, and Dr. V K Aswal	UGC-DAE Consortium, Mumbai Center	2019-2020
Dr. Ratan Das	Dr. Sukhendu Mandal	Calcutta University	2019-2020
Dr. Ratan Das	Dr. Biwajit Saha	NIT, Agartala	2019-2020
Dr. Anirban Guha	MIT, USA	Climate Change	2019-20
Dr. Anirban Guha	Tel Aviv University, Israel	Climate Change	2019-20

14. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Mr. Abhishek Das	M	GEN	NO	Tripura University	SET
Ms. Debankita Ghosh	F	OBC	NO	Tripura University	SET

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

DEPARTMENT OF STATISTICS

Head of the Department : Dr. Prasenjit Sinha
 Year of Establishment : 2011
 Programmes on offer : M.Sc , Ph.D.
 Intake capacity : M.Sc (19)

Major achievements/ Vision of the Department :

The department has started its journey on 2011 offering M.Sc. and Ph.D. from academic session 2012-13. The Integrated Master Degree (IMD) is now offered by the department. During this nine years, we have organized regional workshop and two North-East Programmes (Sponsored by Indian Statistical Institute). Student and research scholars of the department also participated in several North East Programmes (Sponsored by Indian Statistical Institute) in other states. Two students have already qualified NET/SET.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Prasenjit Sinha	Ph.D.	Assistant Professor & HOD (I/C)	Full Time	Demography	09	-	01	05	02	00	00
Samrat Hore	M.Sc	Assistant Professor	Full Time	Optimal Design	08	-	-	07	02	30	03

*Must be mentioned

2. Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Samrat Hore	Aditya Chatterjee, Anup Dewanji	Ensuring balance through optimal allocation of experimental units with known categorical covariates into two treatments	International	Statistics	54 (03)	2020	0233-1888	559-576

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Samrat Hore	Teacher	01	-	-

4. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Par time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Bimal Shil	Full time	Not yet decided	Dr. Prasenjit Sinha	Registered
Jayanta Datta	Par time	Not yet decided	Dr. Prasenjit Sinha	Registered

4.1 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Prasenjit Sinha	Introduction to Biostatistics	NPTEL Online MOOC Course	08 weeks	October, 2019
Dr. Prasenjit Sinha	Science and Technology for Social Development	FDC, Tripura University	02 Weeks	11- 25 September, 2019
Dr. Prasenjit Sinha	Workshop on Intellectual Property Rights (IPR)	Tripura University	01 Day	17 January, 2020
Samrat Hore	Introduction to Biostatistics	NPTEL Online MOOC Course	08 weeks	October, 2019
Samrat Hore	National Workshop on Machine Learning and Artificial Intelligence	IT Deptt., Tripura University	05 Days	13-17 January, 2020
Samrat Hore	National Workshop on Data Science and Data Mining	IT Deptt., Tripura University	05 Days	10-14 February, 2020

5. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
1	1	-

DEPARTMENT OF ZOOLOGY

Head of the Department : Prof. Sukanta Banik
 Year of Establishment : 2007
 Programmes on offer : M.Sc. in Zoology, Ph.D. in Zoology
 Intake capacity : M.Sc. – 26, Ph.D. – As per vacancy

Major achievements/ Vision of the Department :

The Department has achieved the following milestone in research and development during 2019-2020:

1. Successful induced breeding of *Pabda* and *Chital* fish was established.
2. Neuroendocrine regulation of regeneration in earthworm
3. Melatonin receptors interaction in thyroid hormonogenesis and immune function was established.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. S. Banik	Ph.D.	Professor & Head	Full time	Aquaculture Technology	Research – 36 yrs Teaching – 29 yrs	-	-	-	3	-	-
Dr. Priyasankar Chaudhuri	Ph.D.	Professor	Full time	Earthworm Biology , Ecology and Vermicomposting	37 years	6	6			788	15
Dr. Shiv Shankar Singh	Ph.D.	Assistant Professor	Full time	Endocrine immunology	10.5 years	2	2			259	9

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referredonly:

2.1. Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019 -20)	ISBN	Page No.
Priyasankar Chaudhuri	Susmita Debnath	Growth and Reproductive Biology of Earthworms Under Indian Conditions	SA Bhat, APVigh, F Li, B Ravindran	Earthworm Assisted Remediation of Effluents and Wastes	International	Springer	2020	978-981-15-452-2-1	17 9- 19 4

2.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ Internati onal	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Pag e No.
Anurag Bhattacharjee	P S Chaudhuri	Effects of posterior amputation on the cerebral neurosecretory cells of Indian earthworm, <i>Lampitoma</i> <i>auritii</i> (Kinberg)	Inter- national	Neurology and Neuroscience Reports	3	2020	ISSN: 2631- 4010	1-4
P.S. Chaudhuri	Susmita Debnath	Physico-chemical changes during vermicomposting of a terrestrial weed , <i>Mikania</i> <i>micrantha</i> and leaf litters of of <i>Acacia</i> <i>auriculiformis</i> and <i>Bambusa</i> <i>polymorpha</i> mixed mixed with cowdung	Inter- national	Journal of Environment al Biology	41	2020		178- 185
Anurag Bhattacharjee	P S Chaudhuri	Effects of dehydration and subsequent hydration stress on the cerebral neurosecretory cells of <i>Eudriluseugeniae</i> (Kinberg,1867)	National	GSC Biological and Pharmacologi cal Sciences	11	2020		53- 60
Susmita Debnath	P S Chaudhuri	Cocoon Biology of Earthworms of Waste Dwposit sites of Tripura(India)	National	Uttar Pradesh Journal of Zoology	41	2020		32- 46
Shilpa Dhar	P.S. Chaudhuri	Earthworm Communities in Paddy(<i>Oryza</i> <i>sativa</i>) Fields of West Tripura(India)	Inter- national	Proc.Zool.Soc .(Springer)		2020	doi.org/ 10.100 7/s12 595- 019- 00313- 6	
S.K.S. Jamatia	P.S. Chaudhuri (2019)	Effects of Tea leaf based diets on the growth and reproduction in two tropical earthworm species (<i>Pontoscolex</i> <i>corethrus</i> and <i>Drawida</i> <i>Assmansis</i>)	National	Applied Biological Research	21	2019		211- 220

Dipanwita Banik	Priyasankar Chaudhuri	Histogenesis of neurosecretory system in the nerve ring of <i>Eudriluseugeniae</i> during anterior regeneration	National	UTTAR PRADESH JOURNAL OF ZOOLOGY	40	2019		96-104
Shilpa Dhar	P.S. Chaudhuri	Effect of Earthworm, <i>Glyphidrilus</i> sp. on soil Physico-Chemical Properties, Growth and Yield of Paddy- An "In-Situ" Pot Culture Experiment	Inter-national	World Journal of Agricultural Sciences	15	2019		235-243
P.S. Chaudhuri	Sourabh Chakraborty	Impact of five different species of bamboo plantations on earthworm communities in West Tripura	National	Rec.Zool.Surv .India	119	2019		18-33
Biplab Debbarma	P S Chaudhuri	communities under Pasture Ecosystems in Tripura, India	Inter-national	International Journal of Ecology and Environmental Sciences	45	2019		179-190
P.S. Chaudhuri	Sourabh Chakraborty	Bamboo (<i>Bambusapolyomorpha</i>) leaf litter as a vermiculture substrate for earthworms, <i>Pontoscolexcorethrurus</i> (Muller) and <i>Drawidaassamensisstephenson</i>	National	Science & Culture	85	2019		105-112
Susmita Debnath	P S Chaudhuri	Earthworm communities in the waste deposit sites (cowdung heaps and municipal solid wastes) of West Tripura, India	Inter-national	International Journal of Ecology and Environmental Sciences	45	2019		1-14
Sangita Sutradhar	Anindita Deb, S. S. Singh	Melatonin attenuates diabetes-induced oxidative stress in spleen and suppression of splenocyte proliferation in laboratory mice	Inter-national	Archives of Physiology and Biochemistry	https://doi.org/10.1080/13813455.2020.1773506		13813455	

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student /Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
International Conference on Water,Energy, and Bio diversity for Sustainable development(December 12-14)	Prof. Priyasanakar Chaudhuri	1	-	-
INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ANIMAL SCIENCES(ICRAAS-2019,6th-8th November)	Prof. Priyasanakar Chaudhuri	1	-	-
Global Research Perspectives to COVID-19, Alumni Association JNU, June 13, 2020.	Dr. Shiv Shankar Singh	1	-	-
Science Leadership Workshop, June 22-28, 2020	Dr.Shiv Shankar Singh	1	-	-

4. Invited as Visiting Faculty/ Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. Priyasanakar Chaudhuri	PragyaBhawan, Gurkhabasti, Agartala, Tripura	December 2019	NIT, Agartala	Biological invasion in rubber plantation of Tripura
Prof. Priyasanakar Chaudhuri	PACHUNGA UNIVERSITY COLLEGE,AIZAWL	November 2019	PACHUNGA UNIVERSITY COLLEGE,AIZAWL	Earthworm technology for sustainable agriculture

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year2019-20:

Name of Scholars	Full Time/ Part Time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Aprajita Singh	Full Time	Biology & aquaculture of Aar, Sperata aor (Hamilton, 1822) with reference to its Conservation in Tripura, India	Prof. S. Banik	Registered
Parbati Dasgupta	Part Time	Biology of Wallago attu (Bloch & Schneider, 1801) of Tripura with reference to its Conservation	Prof. S. Banik	Registered
Papri Das	Part Time	Biology of Ompok pabda (Hamilton, 1822) of Tripura with reference to its Conservation in Tripura, India	Prof. S. Banik	Registered
DipanwitaBanik	Full Time	Neurosecretory system and its role in regeneration and reproduction of epigeic, endogic and anecic species of earthworms in Tripura (India)	Prof. P.S. Chaudhuri	Thesis Submitted
Sourabh Chakraborty	Part Time	The ecology of earthworm species in the bamboo stands of West Tripura with reference to the biology of two dominant species	Prof. P.S. Chaudhuri	Viva voce conducted

6. Outreach Footprint of the Department:

6.1 Interaction with Industry/ NGO/ Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes,Specify Number.)
1.	Prof. P.S. Chaudhuri	Adarini Vermi compost and Research Centre	Bhati fatikchera, Mohanpur, West Tripura	No	No	No

6.2 Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. P.S. Chaudhuri	Zoological Society, Kolkata	Life member
Prof. P.S. Chaudhuri	Indian Society of Soil Biology & Ecology, Bangalore	Life member
Prof. P.S. Chaudhuri	National Environmentalists Association	Life Member
Prof. P.S. Chaudhuri	Society of Applied Sciences ,India	Life Member
Prof. P.S. Chaudhuri	Society for Earthworm Ecology and Environmental Research (SEEER)	Life member
Prof. P.S. Chaudhuri	International Society for Tropical Ecology, BHU, Varanasi	Member
Prof. P.S. Chaudhuri	Tripura Biodiversity Board	Member
Prof. P.S. Chaudhuri	Tripura Biotechnology Council	Executive member
Dr. S. S. Singh	Indian Society for Chronobiology	Executive Member
Dr. S. S. Singh	Indian Society for Comparative Endocrinology	Life Member
Dr. S. S. Singh	Society for Reproductive Biology and Comparative Endocrinology	Life Member

7. Major thrust area of research:

1. Conservation of Endangered Fish species of North-East
2. Development of Captive breeding technology for Threatened fish species of freshwater habitat.
3. Vermitechnology: In-soil and ex-soil earthworm technology, reproductive biology of earthworm in relation with vermicomposting and vermitechnology.
4. Molecular Endocrinology: Study of hormone interactions and immune-modulation.

8. New initiatives/Innovations:

1. In-Soil and Ex-Soil Earthworm Technology for crop production

9. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
07	02	05

10. Major Instruments available in the Department:

1. Fluorescent Microscope
2. Rotary Microtome
3. Refrigerated centrifuge
4. Thermal Cyclor
5. Stereo zoom microscope
6. CO₂ incubator

7. Gel Documentation System
8. Water purification system
9. Electronic weight machine
10. pH meter
11. BOD incubator
12. Electrical conductivity meter
13. UV-Vis Spectrophotometer

11. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Prof. P.S. Chaudhuri		DBT	Survey on earthworm resource in organic wastes, forests, agro-ecosystems and their role in waste management and nutrient dynamics in Northeast India (Tripura, Nagaland) and Uttarakhand	Rs. 19,41,000.00	Rs. 6,30,000.00	3 Years (2018 - 2021)
Dr. S. S. Singh		CSIR, New Delhi	Melatonergic and adrenergic regulation in neuroendocrine modulation of immune function in physically stressed mice.	32.00	8.0	3 years (2017 to 2020)

12. Awards/Medals/Honours[#](State/National/International level) received by the Teachers during the academic year 2019-20:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/ Institution	Remarks
Prof. P.S. Chaudhuri	Life Time Achievement Award (International Scientist Award on Engineering, Science & Medicine)	14 -15 September, 2019, Chennai, India	VD Good Professional Association, Chennai, India	-

[#] In case of sports, inter university, zonal may also be considered.

13. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Prof. P.S. Chaudhuri	Nagaland University and Kumaun University	DBT sponsored project entitled "Survey on earthworm resource in organic wastes, forests, agro-ecosystems and their role in waste management and nutrient dynamics in Northeast India (Tripura, Nagaland) and Uttarakhand"	2018 - 2021

14. No of students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Pronamika Chetia	F	OBC	No	CSIR, New Delhi	NET-CSIR
Susan Shil	M	GEN	No	IIT, Delhi	GATE
ParamitaMajumdar	F	GEN	No	IIT, Delhi	GATE
LishaDebbarma	F	ST	No	IIT, Delhi	GATE

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

15. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ST/SC/OBC/MIN) [give asterisk * for PwD]	PH (Yes/No).	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Dr. Samik Acharjee	M	GEN	Yes	Raja Ram Mohan College, Kolkata	Assistant Professor	WB PSC, Kolkata	Interview

DEPARTMENT OF B.VOC FILM AND VIDEO PRODUCTION

Head of the Department	:	Prof. R. K. Nath
Year of Establishment	:	2015
Programmes on offer	:	Bachelor in Vocational Film and Video Production
Intake capacity	:	50

Major achievements/ Vision of the Department :

The B. Voc Film and Video Production programme was launched in the year 2015. It is a skill based course. This course is equivalent to a bachelor's degree. The course is approved by the UGC and National Skill Development Corporation (NSDC). Media and Entertainment Skill Council (MESC) is the sector skill council for this programme. The course is designed to impart hands-on training to students in the field of film making and video production. The course structure emphasizes on both theoretical and practical aspects of film and video production. The primary goal of the course is to prepare skilled personnel by providing them with the desired level of competence required to get an entry in the film industries. Moreover, students can opt for higher studies in film production and appreciation courses such as, film studies, once they complete their B.Voc degree. In addition, the course is very flexible in nature with multiple points of entry and exits. Students can opt out of this course after completion of one year of joining, with a Diploma in Film and Video Production. Those who opt out after completing two years will be awarded with an Advanced Diploma in Film and Video Production, and only after the completion of three years, the students will be awarded with B. Voc in Film and Video Production which is equivalent to a bachelor's degree. Along with this, the students are also certified by the Media and Entertainment Skill Council for various Qualification Packs (QPs) with their associative job roles for getting employment in the media and entertainment sectors. This year, a good number of students have qualified for the QP-Script Researcher. The assessment test for Script Researcher was conducted by Media and Entertainment Skill Council (MESC) and B. Voc film and Video Production in Tripura University campus on 21st June 2016. From pass out students 05 nos. are working in media house *Rising Tipura*, some are working as freelancer for local news channels and some of them have become entrepreneur in media and entertainment. Moreover, students can opt for higher studies for Post Graduation in allied branches like, Journalism and Mass Communication, Performing Arts and Tourism Administration, after completion of bachelor's degree in B. Voc Film and Video Production.

Course Objectives:

- To prepare the students to undertake film making as a profession and source of employment.
- To provide hands on training to the students with the art of film making.
- To impart skills, that is necessary to get an entry in the film industries.

To establish a liaison among academia, industry, and institutions engaged in this profession through industrial training and institutional collaborations.

1. Faculty Members:

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Tushaar Kanti Acherjee	M.A., Ph.D in Journalism and Mass Communication	Guest Faculty	Guest Faculty	01	05	NIL	NIL	NIL	NIL	NIL	NIL
Prof. K. N. Jena	Ph.D	Professor, Department of Political Science	Guest	Political Science	33	04	02	NIL	NIL	NIL	NIL
Dr. Rajat Deb	Ph.D	Assistant Professor, Department of Commerce	Guest	Accounting, Finance & Tax Planning	14 years (12.5 years teaching and 1.5 years government accounting and auditing)	NIL	NIL	NIL	NIL	37	3
Mr. Swarup Nandi	B.Tech, M.Tech(CSE)	Lecturer, Department of IT	Guest	Information Technology	15 years 06 months	NIL	NIL	NIL	NIL	NIL	NIL
Dr. N. Debnath	Ph.D	Assistant Professor, Department of Business Management	Guest	Managerial Responsibility & Media Management and Client Servicing	11 years 06 months	NIL	03	6	6	NIL	NIL

2. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/ lectures taught in Tripura University	Institution affiliated with now/ previously (if retired)
Mr. Somnath Das	Introduction to Rotoscopy VFX & Stereo, Introduction to Digital Painting	Prime Focus Academy of Media and Entertainment Studies, Mumbai
Mr. Aniket Banik	Script Researcher, Director of Photography	Times 24, Agartala, Tripura
Mr. Manash Karmakar	3D Animation	Times 24, Agartala, Tripura

3. Major Instruments available in the Department: Sony camcorder (2 nos), Cannon 7d body mark ii (2 nos), Canon 5d mark iv body (1 no), Sony handy camera (4 nos), Lens ef 24mm, Lens ef 24- 70mm, Lens ef 16-35 mm, Lens ef 50 mm, Lens ef 85mm, Lens ef 50 mm, Lens ef 55- 250 mm, Apple I mac, Workstations (10 nos), Dry cabinet, Seagate hard drive, Camera Tripod, handy camera tripod, Storage device.

DEPARTMENT OF B. VOC RUBBER TECHNOLOGY

Head of the Department : Prof. R. K. Nath
 Year of Establishment : 2015
 Programmes on offer : Bachelor in Vocational Rubber Technology
 Intake capacity : 50

Major achievements/ Vision of the Department :

The B. Voc Rubber Technology program has been launched by Tripura University in 2015. It is approved by UGC and equivalent to any three years Bachelor Degree Course. The course has been started in collaboration with National Skill Development Council (NSDC) and Rubber Skill Development Council (RSDC). It is designed to impart hands-on training to students starting from latex collection, preservation, rubber sheet preparation to the testing of latex, rubbers, and chemicals related to rubber industry. The course emphasizes on both theoretical and practical aspects of rubber technology. The primary objective of the course is to prepare skilled personnel by providing them with the desired level of competencies required to get an entry into rubber and related industries and encourage them to become entrepreneur. The course is very flexible and students can opt out of the course after completion of one year of joining, with the certificate "Diploma in Rubber Technology". Those who opt out after completing two years will be awarded with an "Advanced Diploma in Rubber Technology" and after the completion of three years, the students would be awarded with "B. Voc in Rubber Technology". The course is meant for 10+2 students with science background. The complete course in B. Voc Rubber Technology is of six semesters. There is 100% placement of first batches of students and third batch has been sent to Aristo-Texcon in Agartala for an end Semester Industrial Project. Tripura University has signed MoU with different Industries and Institutes for students training and placement. MoUs were signed with NSDC, RSDC, Rubber Board, AIRIA; MoU with IRMRA is under process. Moreover, students can opt for higher studies (M. Sc) in Rubber and Polymer Technology and in allied branches like, Materials Science, Paints, Adhesive Technology and Nano Technology after completion of bachelor's degree in "B. Voc in Rubber Technology". There was 100% placement of the first two pass out batches, viz. 2015-18 and 2016-19. Current batch 2017-20 has completed their industrial project in Aristo Texcon Pvt. Ltd. Agaratala. Students are working in Industries like, JK Tyres & Industries Pvt. Ltd, Mysuru, Royal Elastomers Pvt. Ltd. Raipur, Brite Rubber and Processor Pvt. Ltd. Agartala, Aristo texcon Pvt. Ltd. Agartala etc.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Bishnu Prasad Koiry	Ph.D.	Assistant Professor	Contractual	Polymer synthesis, self-cleaning and anti-fouling coatings, polymer composites	5yrs	NIL	NIL	NIL	NIL	170	05
Dr. Joy Das	Ph.D	Assistant Professor, Department of Commerce	Guest	Accounting & Finance	6 yrs	NIL	NIL	NIL	NIL	03	01

Dr. Rajat Deb	Ph.D	Assistant Professor, Department of Commerce	Guest	Accounting, Finance & Tax Planning	10 years	NIL	NIL	NIL	NIL	37	03
Prof. K. N. Jena	Ph.D	Professor, Department of Political Science	Guest	Political Science	33 years	04	02	NIL	NIL	NIL	NIL
Mr. Swarup Nandi	B. Tech, M. Tech (CSE)	Lecturer, Department of IT	Guest	Information Technology	15 years 06 months	NIL	NIL	NIL	NIL	NIL	NIL
Dr. S. K. Dey	Ph.D	Jt. Director, Principal Scientist, Regional Research Station (RRS), Rubber Board, Agartala	Guest	Rubber Plantation	05 years	NIL	NIL	NIL	NIL	NIL	NIL
Dr. D. Mandal	Ph.D	Sr. Scientist, Regional Research Station (RRS), Rubber Board, Agartala	Guest	Soil Testing	05 years	NIL	NIL	NIL	NIL	NIL	NIL
Mr. B. Datta	M.Sc	Scientist, Regional Research Station (RRS), Rubber Board, Agartala	Guest	Rubber Plantation	05 years	NIL	NIL	NIL	NIL	NIL	NIL
Dr. D. Roy	Ph.D	Scientist, Regional Research Station (RRS), Rubber Board, Agartala	Guest	Rubber Plantation	05 years	NIL	NIL	NIL	NIL	94	NIL

**Must be mentioned*

2. Visiting Teacher/ Visiting Fellow : NIL

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Mr. Jayanta Datta	Statistical Methods	Statistical Officer, Tripura University

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.1 Book Chapters:

Main Author	Co-Authors	Title of the Chapter	Book Editors	Name of the Book	Local/ National/ International	Publishers	Year (2019-20)	ISBN	Page No.
Dr. Bishnu Prasad Koiry	Dhruba J. Haloi	Natural Rubber: its importance and applications to finished products	Dr. Lakshmi K. Singh	Advances in Nuclear Physics and Condensed Matter	International	EBH Publisher, India	2019-20	ISBN : 978-93-88881-20-3	65-74

3.2 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
Anjana Dhar	Upendra Singh, Bishnu P. Koiry, Bikash Baishya, Dhruba J. Haloi	Investigation of Microstructure in Poly (methyl methacrylate) Prepared via Ambient Temperature ARGET-ATRP: A Combined Approach of 1D and 2D	International	Journal of Polymer Research	Accepted	Accepted	Accepted	Accepted

3.3 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Bishnu Prasad Koiry	The Society for Polymer Science, India (SPSI)	Life Member

4. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B) (Build up with Project Funding)
03	03	-

5. Major Instruments available in the Department: Mooney Viscometer; Oscillating Disc Rheometer; Two-Roll Mill; Universal Testing Machine (UTM); DIN Abrader; Brookfield Viscometer; Ubbelohde Viscometer; Sample die cutting Press.

6. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ ST/SC/ OBC/EWS/ MIN)	PH (Yes /No)	Name of the Organization/ Institution	Designation	Examination Body	Name of the Examination
Mr. Sumit Muhuri	M	GEN	No	Aristo Texcon Pvt. Ltd., Rubber Park, Tripura	Lab Technician	N/A	N/A
Mr. Ramjan Miah	M	OBC	No	JK Tyre & Industries Ltd., Mysuru	Lab Assistant	N/A	N/A

Mr. Swarnajit Singha	M	OBC	No	JK Tyre & Industries Ltd., Mysuru	Lab Assistant	N/A	N/A
Mr. Ranit Debbarma	M	ST	No	Aristo Texcon Pvt. Ltd. Rubber Park, Tripura	Lab Chemist	N/A	N/A
Mr. Sayan Majumder	M	OBC	No	Aristo Texcon Pvt. Ltd. Rubber Park, Tripura	Lab Chemist	N/A	N/A

7. Awards/Medals/Honours[#] (State/National/International level) received by the students during the academic year 2019-20:

Name of Students	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Mr. Soumyadeep Bera, 4 th Semester B. Voc Rubber Technology	Weekly winner of UNESCO essay competition 2020 year 1AC(After Coronavirus)	22 nd May 2020	UNESCO, New Delhi	Weekly winner

In case of sports, inter university, zonal may also be considered.

DEPARTMENT OF INTEGRATED MASTER DEGREE (IMD)

Coordinator of the Department : Prof. R.N. Dutta Purkayastha
 Year of Establishment : 2011
 Programmes on offer : Integrated Master Degree
 Intake capacity : 182

Major achievements/ Vision of the Department :

In pursuance of the UGC's recommendations on reforms in higher education, Tripura University has introduced the Integrated Master Degree (IMD) Programme in the Humanities and Social Science disciplines, Mathematics and Computer Applications. The Programme solicits scholars freshly out of their Higher Secondary or plus two programmes ready to pursue a career in the general Degree courses of the University, but with the aim of developing basic research skills in higher education. The Course structure and the subject combinations offered through the semester pattern of examinations aim at preparing undergraduate students both for competitive examinations at various levels, as well as for equipping them with all necessary databases enabling a smooth entry into higher academics.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Prof. R.N.Dutta Purkayastha	Ph.D	Coordinator	Addl. Charge	-	-	-	-	-	-	-	-
Dr.Arup Jyoti Sarma	Ph.D	Asstt. Coordinator	Addl. Charge	-	-	-	-	-	-	-	-
Dr. Souvik Bhattacharjee	Ph.D	Asstt. Coordinator	Addl. Charge	-	-	-	-	-	-	-	-

**Must be mentioned*

CENTRE FOR BAMBOO CULTIVATION AND RESOURCE UTILIZATION (BCRU)

Head of the Department : Prof. B. K. Datta
 Year of Establishment : 2006
 Programmes on offer : Post Graduate Diploma (PGD) in Bamboo Cultivation and Resources Utilization (BCRU)
 Intake capacity : 20 seats

Major achievements/ Vision of the Department :

The Centre for Bamboo Cultivation & Resource Utilization was established in 2006 with the financial support from National Council of Rural Institutes, MHRD, Govt. of India and Tripura University. The aim of the programme is to run one year Post Graduate Diploma Course on Bamboo cultivation in the North-East region and to motivate students for Self-Employment, as well as to develop essential infra-structure for R & D in Bamboo cultivation and germplasm conservation. Since then one year PG Diploma course of two semesters was successfully run by the faculty members of the Department of Botany along with the support of other faculties of the University and outside the Institution.

1. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/ lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. S. Sinha	Cytogenetics	Department of Botany, Tripura University
Prof. R. K. Sinha	Cytogenetics & Plant Tissue Culture	Department of Botany, Tripura University
Prof. B. K. Datta	Plant Taxonomy & Ecology	Department of Botany, Tripura University
Prof. A. K. Saha	Mycology and Plant Pathology	Department of Botany, Tripura University
Dr. S. Basu	Cell Biology	Department of Botany, Tripura University
Dr. P. Das	Microbiology	Department of Botany, Tripura University
Dr. Saptarshi Mitra	Remote Sensing and GIS	Department of Geography and Disaster Management, Tripura University
Dr. J. Choudhury	Rural Entrepreneurship, Capacity Building, Local Self Government	Department of Rural Management and Development, Tripura University
Dr. A. Kant	Bamboo Technology, Bamboo Design and Product Development	Bamboo and Cane Development Institute (BCDI), Govt. of India

2. Outreach Footprint of the Department:

2. A. Interaction with Industry/ NGO/ Govt. Organization:

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes No.)
1	Dr. A Kant	BCDI	Agartala	Yes	-	No

3. Major thrust area of research: Bamboo diversity, Macro and Micro propagation, Forest Ecology.

4. New initiatives/Innovations:

Initiative taken for Introduction of bamboo based skill development course under National Skill Development Mission (NSDM) for registering as Training Provider (TP).

5. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
03	02	01

5. B. Major Instruments available in the Department:

Laminar Air Flow, GPS, High Precision Balance 3.UV – VIS Spectrophotometer. Bamboo Stick Polishing Machine, Bamboo Knot Removing and Silver Making Machine, Bamboo Cutting Machine, Bamboo impact splitting machine, GIS laboratory and Projector facilities, other minor bamboo crafting and nursery tools etc.

6. Any other achievements : Total 95 students from different departments opted for BCRU Elective paper during the 2019-2020 academic session.

DEPARTMENT OF CENTRE FOR SOCIAL EXCLUSION AND INCLUSIVE POLICY (CSSEIP)

Head of the Department	:	Prof. Chandrika Basu Majumder
Year of Establishment	:	2008
Programmes on offer	:	Post Graduate Diploma in Tribal & Ethnic Study (PGDTES) & Ph. D. (in Social Exclusion and Inclusive Policy) Semester System under the CBCS pattern.
Intake capacity	:	PG Diploma-26 (PGDTES), Ph.D: 08

Major achievements/ Vision of the Department :

The CSSEIP, TU has been fast emerging as an excellent hub for extension activities as well as research and development. The CSSEIP, TU has been actively engaged in addressing the issues pertaining to Social Exclusion and Inclusive Policy. The Centre has been merged with the academic department of the University like Dept. of Rural Studies since November, 2015.

The Centre has proved itself an academic vehicle of the Tripura University for aiding and promoting excellence in research and development activities. It has been conducting courses on Tribal (PGDTES), PhD, seminars and workshops on social and economic issues concerning disadvantaged and marginalized sections of the society.

While the Centre has been striving for conceptualization of issues on discrimination, deprivation, exploitation and exclusion, it has been also exploring the ways and means for effecting social justice, equity, fair play and inclusion within Indian society in general and North-Eastern societies within particular. With optimism and confidence, we look forward for sustained growth and development of the Centre for Study of Social Exclusion and Inclusive Policy.

The empirical research result and action research of this Centre will be helpful to create such an ambiance in the society for social inclusion irrespective of caste, clan and religion. The Centre is a pioneer in introducing PGDTES course in the NE region. The activities of the Centre are well appreciated by the Government of India. Institutions namely UGC-NAAC, MHRD and organizations like NABARD, ICSSR, ONGC, Ministry of Tribal Affairs (GoI) have involved themselves as financial partners of this endeavor. Initiative in the field of collaborative research work on tribal health has been started with Calcutta University and Moscow State University, Russia.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/Guest/Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Rajesh Chatterjee	M.A., PhD (Rural Development)	Asst. Professor-cum-Assistant Director	Full time	Rural Infrastructure & Extension Education & Social Inclusion	15 years	01	04	19	08	01	01

Dr. Nanigopal Debnath	M.Sc., PhD (Economics)	Asst. Professor-cum-Assistant Director	Full time	Population Study, Tribal Development and Social Exclusion & Inclusive Policy	15 years	-	04	19	08	01	-
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**Must be mentioned*

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
1. Sudakhina Mitra	Human Rights: Instruments of Social Inclusion (Online): TRES-812C (U- II & IV)	PhD research scholar
2. Lilypar Hrangkhawl	Tribal Health and Ethno Medicine: TRES-811C (U- I & II)	PhD research scholar

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index and UGC approved/ Peer reviewed/ referred only:

3.5 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co- Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019-20)	ISSN/ ISBN/ DOI	Page No.
-----	Rajesh Chatterjee, Sudakhina Mitra	MGNREGA on People's Health and Quality of Life - Opening of a Novel Market for Health	International	ICBM (2020) Industrial Development in The North East Region: Challenges & Opportunities	2020	1	ISBN: 978-93-89611-68-7	42

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Rajesh Chatterjee	Teacher	1	1	-
Sudakhina Mitra	Research Scholar	1		-
Nanigopal Debnath	Teacher	-	1	-

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/ Universities	Title of Invited talk
Rajesh Chatterjee	RUDSETI, Agartala	16.03.2020	RUDSETI, Agartala	Leadership, Human resource and Labour Management
		02.03.2020	RUDSETI, Agartala	Establishment of an Enterprise- Whom approach for What? Resource Mobilisation supporting organisation
		14.12.2019	RUDSETI, Agartala	PMERGP-Leadership, Human Relation & Launching formalities of an Enterprise etc.

	DoBM, Tripura University	12.02.2020	DoBM, Tripura University	Session Chair at 1 st International Conference on “Industrial Development in the NE Region- Challenges and Opportunities” for the Technical Session on Health Care
		03/08/19	DoBM, Tripura University	Swachta Abhiyan
Rajesh Chatterjee	Pragna Bhavan, Gurkha Basti, Agartala	10/01/2020	Women's Polytechnic College, Hapania, Agartala	Informal Vis-à-vis Non-formal Education and Tribal Development: An Ideological Approach

6. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Sri. Amit Kr. Deb	Full time	Status of Rural Entrepreneurship: The Case of Tripura	Dr. Rajesh Chatterjee	Awarded
Sri. Soumen Mukharjee	Part time	Assessment of Patient Satisfaction in Tertiary Care Hospitals and Development of a Tertiary Healthcare Infrastructure Map of Tripura	Dr. Rajesh Chatterjee (Co-Guide)	Registered
Sri. Jiban Das	Part time	Impact of Sixth Schedule on Indigenous People of North East India : A Case Study of Karbi Anglong Autonomous Council of Assam	Dr. Rajesh Chatterjee	Registered
Sri. Lipika Debbarman	Part time	Changes of Political Culture in Legislative Assembly of Tripura since 1972 to 1977 and 2013 to 2018: A Comparative Study	Dr. Rajesh Chatterjee	Registered
Sri. Bina Rani Tripura	Part time	Swami Vivekananda's View on Social Inclusion and its relevance in Present Day	Dr. Nanigopal Debnath	Registered
Sri. Sharmisha Rakshit	Part time	Older Persons and their rights: A study in Tripura	Dr. Nanigopal Debnath	Registered
Sri. Lalkhawngaihi Chawngthu	Part time	Ethnic conflict and Social Exclusion: A Study in Tripura	Dr. Nanigopal Debnath	Registered
SUDAKHINA MITRA	Part time	-	Dr. Rajesh Chatterjee (Co-Guide)	Pursuing Course work

7. Outreach Footprint of the Department:

15 days visit to rural tribal institutions/field is the integral part of PGDTES course curriculum which helps the students to know more about the subject. For this purpose, 8 adjacent villages have been adopted where extension activities is going on with the help of the Panchayat. Each and every subject (TRES-714E, TRES-715E, TRES-811C, TRES-812C, TRES-814E & TRES-815E) has been designed in a manner that field work becomes mandatory (practical) and for this purpose students visit the field to interact with the villagers. They submit a report for presentation in the class room which is a lively practice among the students as an interactive session and the students collect the report from the concerned teacher later. Such effective approach enhances employability competency of the students in the job market. One of the teachers of this Centre was a student of Rural Extension Centre, Visva-Bharati who is competent enough to undertake such assignment based on the Sriniketan Experiment of Rabindranath Thakur.

7.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/Workshops/ Symposia Lecture/ Talk	International / National	No. of Participants
1	28.06.2019	02:00 hrs	New Data in Physical Anthropology of the Santals	Popular Lecture by the team of Moscow University, Russia	State Level	51
2	16/09/2019	01.30 Hrs	EDUCATION POLICY & SOCIAL INCLUSION	POPULAR LECTURE by PROF. SIBARANJAN MISRA, DEPT. OF POLITICS & ECONOMICS, VISVA-BHARATI	Regional	107
3	13/08/2019	One Day	Digital India and Social Inclusion	Workshop	Regional	155
4	02/03/2020	01-Day	Non-violence and peace Campaign for Social Inclusion	Talk by GANDHI RESEARCH FOUNDATION, JALGAON, MAHARASTRA	Regional	79
5	25.02.2020	01:30 hrs	Awareness Programme on Rural Entrepreneurship Training Opportunities in RUDSETI, Agartala	Lecture by the Faculty of RUDSETI, Agartala	Regional	40

7.2 Interaction with Industry/ NGO / Govt. Organization:(For Faculties)

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1.	Rajesh Chatterjee	Rural Development and Self Employment Training Institute, Agartala	Agartala	No	-	30 (6-day entrepreneurship training)

7.3 Interaction with Industry/ NGO / Govt. Organization :(For Students)

Name of the Department	Number of Industry/ NGO visited	Name of Industry/ NGO visited	Purpose of visit
NGO	01	Kachanmala Gram Unnayan Sanstha	For students academic programme on field visit

7.4 Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Nanigopal Debnath	Editorial Board Member of International Journal of Sociology and Anthropology, HRP,USA, ISSN-2331-6179	Editorial Board Member

7.5 Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Rajesh Chatterjee	Mentoring and Facilitation Skills for Institutional Mentors	Hyderabad, India	10 days	22 nd May to 31 st May, 2020

8. Major thrust area of research: Rural Infrastructure, Rural Extension, Tribal Livelihood, Displacement, Tribal Health, Tribal Mythology, Employment Assurance of SC/ST
9. New initiatives/Innovations: Extension Activities training, awareness, formation of SHGs etc in the eight adopted villages with the help of CSR/NABARD Fund

10. On-going Research Projects in 2019-20:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure (In years and months)
Dr. Debarshi Mukherjee	Dr. Rajesh Chatterjee	Indian Council of Social Science Research (ICSSR), New Delhi under IMPRESS scheme	Impact of Mahatma Gandhi NREGA on Development of Rural Livelihood in Tripura	10,00,000	4,00,000	2 years
Dr. Nanigopal Debnath		Ministry of Tribal Affairs, Govt. of India	Changes in livelihood pattern of the Tribes of Tripura: A Study	22,97,400		24 Months.

11. Collaborative Research with Other Universities / Institutes / Industry during 2019-20

Name of Teacher	Name of other Universities / Institutes / Industry	Collaboration on Project	Year (2019-20)
Rajesh Chatterjee	Initiative in the field of collaborative research work has been started with Calcutta University and Moscow State University, Russia.	Tribal Health	Yes

12. Students qualified in various public examinations in the Academic year 2019-20 from the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Name of the Examination (NET/SLET/GATE/CAT/SSC/UPSC/TPSC/Others/SWT*/SWO**)
Tanmay Debnath	M	GEN	NO	BEd, Tripura University	SWT
Prasenjit Sutradhar	M	SC	NO	West Bengal University, Pursing BEd	SWT
Insha Anam	F	MIN	NO	MA, Delhi University	SWT

*Students Opting for Higher Studies With Examination; **Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

Name	Sex (M/F)	Category (GEN/ST/SC/OBC/EWS/MIN)	PH (Yes/No)	Name of the Organization/Institution	Designation	Examination Body	Name of the Examination
Sanjit Debbarma	M	OBC	NO	Staff, Agartala Airport	Filed Manager	Aviation Training from Skill India Programme, Gol	
Pijush Debbarma	M	ST	NO	Staff, Agartala Airport	Filed Manager	Aviation Training from Skill India Programme, Gol	
Papan Saha	F	GEN	NO	Self employed		Trained from Skill India Programme	

Dipaneeta Majumder	F	GEN	NO	Self employed		Trained from Skill India Programme	
Keya Saha	F	GEN	NO	Self employed		Trained from Skill India Programme	
Dipa Das	F	SC	NO	Self employed		Trained from Skill India Programme	
Sanchita Sarkar	F	OBC	NO	Self employed		Trained from Skill India Programme	
Debi Baidya	F	GEN	NO	Self employed		Trained from Skill India Programme	
Susmita Shil	F	SC	NO	Self employed		Trained from Skill India Programme	

14. Any other achievements: Most of the students are trained on Entrepreneurship Development Programme from RUDSETI and Skill India Programme of GoI



Education policy & social inclusion



New Data in Physical Anthropology of the Santals



The Team from Moscow University



Awareness Programme on Rural Entrepreneurship Training Opportunities in RUDSETI, Agartala

CENTRE FOR TRIBAL LANGUAGES

Centre Coordinator	:	Prof. Sukhendu Debbarma
Assistant Coordinator	:	Mrs. Khumtiya Debbarma
Year of Establishment	:	1999
Programmes on offer	:	PG Diploma in Kokborok
Intake capacity	:	100

Major achievements/ Vision of the Department :

The Centre for Tribal Languages was established in the year 1999 under Tripura University. The Centre offers 1(one) year PG Diploma Course in Kokborok Language and Literature. PG Diploma Course is offered in every academic session between July to June. PG Diploma Syllabus consists of 5(five) Papers each of 100 marks.

The objective of the PG Diploma Course is to impart knowledge of Kokborok Language, literature and culture to the students of tribal and non-tribal communities. Furthermore, the course has a practical paper based on the field work which is framed in order to study the socio-cultural aspects on comparative study on the eight dialects of Kokborok. The centre publishes a Journal entitled "KHERENGBAR" since the year 2013. The pass out students of PG Diploma course are presently admitted in M.A. (Kokborok), they are teaching as Guest Teachers in Tripura University, Govt. Degree Colleges of Tripura and in other schools of the state.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Mrs. Khumtiya Debbarma	MA-Hindi, SLET	Assistant Professor	Fulltime	Premchand/ Kokborok Literature	13 years 10 months	-	-	-	-	-	-

WOMEN'S STUDIES CENTRE

Head of the Department : Dr. Paramita Saha
 Year of Establishment : 2011
 Programmes on offer : PG Diploma, Ph.D
 Intake capacity : 30

Major achievements/ Vision of the Department :

The Women's Studies Centre, Tripura University, was established in 2011 under the UGC scheme of Development of Women's Studies in Indian Universities and Colleges. The Women's Studies Centre, Tripura University is extensively working on Independent Research, Legal Advocacy, Documentation, Teaching, Training and Extension programme. Throughout its activities the Centre has been trying to generate awareness about the role of women in society and civilization as a whole, by conducting various Seminars, Workshops and Interaction Programmes. The Centre assesses Women's contribution to the social processes and finds out Women's own perception of their lives, the broader social reality and their struggles and aspirations. Within its Research Activities, WSC attempts to assess the roots and structures of inequality in the society and facilitate research in areas relating to women and gender studies with special emphasis on issues related to the condition of Women in Tripura. Engaged in carrying out these activities, the Centre is now running the PG Diploma Course and PhD Programme in Women's Studies. We hope, the Centre will contribute to the visibility of women's issues and open the avenues for a dialogue in multi-disciplinary collaboration in research and teaching and will be eventually empowered to serve as a nodal Centre for teaching, research and documentation in the field of Women's Studies in the State.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract*	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Paramita Saha	Ph.D	Director	Full time	Social Sector Issues and Gender	30	0	3	4	4	-	-
Sri Ashim Shil	NET/Ph.D (Pursuing)	Research Associate	Full time (Contract)	Property Rights of Tribal Women	7 Years	NA	NA	NA	NA	-	-

*Must be mentioned

2. Visiting Teacher/ Visiting Fellow :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Dr. Pradnya Deshmukh	Gender Sensitization and Globalization	BAMU, Aurangabad

2.1 Full papers published in journals/proceedings of Conference/ Seminar/ Symposium etc.:

Main Author	Co-Authors	Title	Local/ National/ International	Name of the Journal/ Proceedings/ Magazine	Volume	Year (2019 -20)	ISSN/ ISBN/ DOI	Page No.
Paramita Saha	Maumita Deb	India As a Tourist Destination in the South Asian Region	International	To be published	-	-	-	-
Ashim Shil	Paramita Saha	Socio-economic Status of Propertied and Non-propertied Women of Tripuri Tribe: An Analysis from Gender Perspective	National	To be published	-	-	-	-

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/ Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Only Numbers)

Name	Teacher/Student/ Research Scholar	Number of Conference/ Seminar/ Workshop attended		
		International	National	Institution Level
Dr. Paramita Saha	Director	0	3	2
Ashim Shil	Research Associate	0	2	1
Rajesh Kumar Nath	Research Scholar	0	0	1
Minati Patwari	Research Scholar	0	0	1
Devjani Ghosh	Research Scholar	0	1	2

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Institutions/Universities	Title of Invited talk
Dr. Paramita Saha	Agartala	7 th March, 2020	GAIL, Tripura	International Women's Day Celebration
	Agartala	5 th march 2020	NIRD & Panchaytai Raj and Department of Geography, Guwahati and Disaster management , Tripura University	Gender-Concepts and Indicators
	Agartala	13 th March, 2020	Three days ICSSR, NERC Annual Social Science Congress, Tripura University	Public policy for harnessing the demographic dividend
Ashim Shil	Dordarshan, Agartala	2 nd October	DDK, Agartala	Mahatma Gandhi O Jubasamaj (Bengali)
	Delhi Law University, New Delhi	27 th January, 2020	IAWS-XVI National Conference	Women's Studies at New Crossroads
	Kamal Ghat, Mohanpur, Tripura	11 th January, 2020	NSS, Special Camp in Kamal Ghat H.S School, Tripura.	Basics on Women Empowerment and Gender Discrimination

5. Ph.D. Scholars registered (started course work)/Theses submitted/ awarded (issued provisional certificate) during the academic year 2019-20:

Name of Scholars	Part time/ Full time	Research topic	Name of Guide	Registered/ Theses submitted/ Awarded
Minati Patwari	Part time	To be selected	Dr. Paramita Saha	Joined course work
Rajesh Kumar Nath	Part time	To be selected	Prof. K.N Jena	Joined course work

6. Outreach Footprint of the Department: Legal Awareness Programme for university and college students on Women in Indian Constitution

6.1 Refresher / Orientation Courses / Seminar/ Conference/Workshops/Symposia Lecture/ Talk organized by the Department:

Sl. No.	Date	Duration	Title	Refresher / Orientation Courses / Seminar/ Conference/ Workshops/Symposia Lecture/ Talk	International / National	No. of Participants
1	20 th February, 2020	One day	Legal Awareness Programme on Women in Indian Constitution	Workshop	National	200
2	6 th March, 2020	One day	Skill and Entrepreneurship	Panel discussion	National	100

6.2 Interaction with Industry/ NGO / Govt. Organization :

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, Specify Number.)
1	N/A	NCW, New Delhi	New Delhi	N/A	90 Thousand	N/A

6.3 Interaction with Industry/ NGO / Govt. Organization: Government and Private Colleges includes TIPS, Holy cross college, MBB College, Ramthakur College, Govt. law college etc.

7. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Paramita Saha	NEEA	Life Member
	IAWS	Life Member

8. Major thrust area of research: Research in areas relating to Women and Gender Studies with special emphasis on issues related to Women in Tripura.

9. New initiatives/Innovations: National Webinar on Gender and Covid-19 situation in collaboration with UGC

10. Major Instruments available in the Department : One LED Projector, 12 Desktop, One Printer

DIRECTORATE OF DISTANCE EDUCATION

Head of the Department : DR. GAUTAM CHAKMA, DIRECTOR, DDE, TU
 Year of Establishment : 1996
 Programme on offer : 1. MA Programme in Political Science
 2. MA Programme in Education
 3. MA Programme in Bengali
 4. BA Programme

Intake capacity : 1. MA Programme in Political Science- 700
 2. MA Programme in Education- 700
 3. MA Programme in Bengali- 700
 4. BA Programme- (No Limit)

Major achievements/ Vision of the Department :

The Directorate of Distance Education (DDE) was established in 1996 to impart higher education through the distance mode with multi-media approach. As non-formal supplementary mode of education, distance education differs from the conventional formal system in its objective to reach the unreached, to include the excluded. Tripura University has consistently been promoting Distance Education in accordance with the guidelines of the Distance Education Bureau (DEB), UGC, New Delhi to cater to the needs of –

1. Students who discontinued their formal education owing to pecuniary and other circumstances.
2. Students living in geographically remote areas of the state.
3. In-Service persons, housewives, etc.

At present, there are more than 6000 students studying under this Directorate of Distance Education (DDE). This figure is by itself indicative of the popularity and reliability of the Directorate of Distance Education, Tripura University, amongst the common masses in general and the students of Tripura in particular.

1. Full time Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D. Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
DR. SWAPNA BISWAS	MA, M.Phil, Ph.D, B.Ed.	Assistant Professor (Contractual)	Philosophical Foundation of Education, History of Education, Teacher Education etc.	Tribal Education in Tripura	9 Years	-	-	-	-	-	-

2. Guest Teachers/Contract Teachers/ Academic Counsellor:

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
SRI. MANIMOY PAL	Measurement and Evaluation, Statistics and Research Methodology.	Tripura University
SRI. SAMAR KR. MANDAL	Comparative Education, Distance Education, Education Technology, Teacher Education.	Tripura University
SRI. DEBASIS GAN CHOUDHURY	Educational Management and Administration, Contemporary issues in Education, Teacher Education.	Tripura University
SRI. DIPANKAR BISWAS	Curriculum studies, Teacher Education, Philosophical Foundation in Education.	Tripura University
DR. NIBAS CH. SIL	Special Education, Teacher Education.	Tripura University
SRI. SAMBHU DEBBARMA	Philosophical Foundation in Education, Guidance & Counseling, Curriculum Studies, Sociology.	Tripura University
DR. TINKU DE	Sociology, Research Methodology, Psychology.	Tripura University
DR. SUBHASH SARKAR	Research Methodology, Measurement and Evaluation, Psychology, Distance Education.	Tripura University
DR. NIRMAL DAS	Short Story, Novel, Essay	Tripura University
DR. RINTU DAS	Poem, Novel, Drama	Tripura University
DR. RABINDRA KUMAR DATTA	Linguistics	Tripura University
DR. SUTAPA DAS	Western Theory, Drama	Tripura University
DR. JOY KUMAR DAS	Drama, Short Story	Tripura University
SMT. PINANKI BISWAS	Education and Society	Tripura University
DR. BARNALI GHOSH	Bengali Reading and Writing Skills	Tripura University
DR. RAJIB GHOSH	Drama, History of Literature (Modern Age)	Tripura University
DR. MRINAL KANTI DEBNATH	Modern Poem, Child Literature	Tripura University
DR. ARUPA CHAKRABORTY	Novel, Drama	Tripura University
SRI SUBHASH DEBNATH	Ancient Indian History	Tripura University
SMT. LAXMISREE THAKUR	British Romantic Revival	Tripura University
SRI. TITAN RUDRA PAUL	Bengali	Tripura University
HAMIDA KHATUN	Bengali	Tripura University
DR. RAJIB CHANDRA PAUL	Bengali	Tripura University
MANJURI BISWAS	Bengali	Tripura University
DR. SANDIP DEB	Bengali	Tripura University
DR. JASHIM UDDIN	Political Science	Tripura University
MRS. DIPIKANTA CHAKRABORTY	Political Science	Tripura University
MAINUL ISLAM	Political Science	Tripura University
ABDUL MALEK MIAH	Education	Tripura University
DEBASISH DEBBARMA	Education	Tripura University
MANASIJ DAS	Philosophy	Tripura University
NAYEEM HUSSAIN	History	Tripura University
KALIPADA DEBNATH	Political Science	Tripura University
APU DAS	Philosophy	Tripura University



**Research
Centres**

Centre for Gandhian Studies

Director : Dr. Sukhendu Debbarma, Professor Department of History
Year of Establishment : 1996

The Centre for Gandhian Studies came into being in Tripura University to popularize the ideas and thought of Mahatma Gandhi among the student community. It also envisages organizing programs popularising the Gandhian ideas within and outside the campus. Some of the programmes like capacity building, Shishu Panchayat, sanitation, communal harmony, peace and non-violence, popular lecture etc. carry forward the vision and mission of Mahatma Gandhi for establishing “India of my dream”. The Centre also aims to start diploma, training and research activities for the students in near future. By organizing series of debates and drawing competitions, dramas and seminars, sanitation and preparing youth for Shanti Sena, the Centre has made a remarkable presence in the different societies of Tripura.

Manuscript Resource Centre and Manuscript Conservation Centre (MRC & MCC)

Centre Name:

Manuscript Resource Centre & Manuscript Conservation Centre (MRC & MCC), Tripura University.

Funding Agency:

National Mission for Manuscripts (NMM), Ministry of Culture, Government of India, New Delhi.

About:

The MRC & MCC came into being in the Department of History, Tripura University on 20th December, 2010 after signing MOU with National Mission for Manuscripts, Ministry of Culture, Government of India, New Delhi. The Centre was inaugurated by Prof. Amiya Kumar Bagchi, the Hon’ble Chancellor, Tripura University on 12.4.2011. With the collaboration of NMM and MRC & MCC, TU has advanced efforts in the entire Tripura state protecting the old manuscripts. The collaboration also promises a more intense coordination between the scientific community and manuscriptologists, to bring forth better technological tools and techniques to decipher, search, and retrieve the knowledge stored in these rare scriptures. Myriad hidden facts lie in the manuscripts. Besides urban area, a chunk of rare manuscripts still remain as personal possessions of the people living in the villages of the State. Though people worship them, they are not aware of their importance and conservation aspects.

To reach out to such people, steps have been initiated by the MRC & MCC here in Tripura through Workshops, Seminars, Awareness Programmes and Public Lectures. At rural workshops and awareness programmes, the instructors from the centre teach the owners of manuscript collection the basics of threading, tying, cleaning, oiling and wrapping of the rare documents in practically possible ways. The MRC & MCC not only find the ways to locate, catalogue, preserve these Manuscripts, but also enhance access to them and spread awareness about it. The centre is trying to inform the people of entire Tripura state the necessity of preserving these age old manuscripts. If we preserve these valuable manuscripts, it may help us to discover precious historical facts about Tripura. Last but not the least, these efforts of MRC & MCC shall help to inculcate a sense of responsibility in the society towards our rich past.

Centre Directory:

Name	Designation	Contact
Dr. B. Sanjay	Coordinator	Phone No: 7085099800 E-mail: Librarian@tripurauniv.in



**Various
Facilities**



Bioinformatics Centre

With the financial support of DBT, New Delhi, Bioinformatics Centre was established in the year 2008 in Tripura University under the Supervision of Professor S. Banik, Principal Investigator of the project & the then Head, Department of Zoology. As per sanction of DBT, New Delhi the basic objectives of the Centre were to develop knowledge and research on “Establishment of Bioinformatics Infrastructure Facility”. Since inception the Centre has been extending services for the promotion of Biology teaching through Bioinformatics (BTBI). A number of Seminars, Workshops etc has been organised by Bioinformatics Centre for the Researchers of the North-East. The Centre also provided training in the field of Bioinformatics to the Students, Research scholars and Teachers as well. During September 2015, Dr. Harsh Bardhan, Honourable Minister of Science & Technology and Earth Sciences, Government of India inaugurated the Centre. Later on, the Bioinformatics Centre was handed over to Dr. S. Basak, Department of Molecular Biology & Bioinformatics.

Biotech Hub

DBT sponsored State Biotech Hub was inaugurated by Honourable Dr. Harsh Bardhan, the Minister of Science and Technology and Earth Sciences, in September 2015. This Hub has been extending training program in different areas of Biotechnology. Hub organizes seminar, workshop etc. for the students, research scholars and teachers. Modern biological research techniques are taught to trainees with current age of science. DBT, Govt. of India awarded the Hub as “Advanced level state biotech Hub” in 2017.

Tripura University Library

1. Central Library: An Overview

The Calcutta University Post Graduate Centre (CUPGC), Agartala, Tripura was converted into the Tripura University (State) on October 2, 1987, and was awarded the status of Central University on July 2, 2007. To meet the needs of its students, academics, and research scholars of all disciplines the University houses one of the best library systems in Tripura. The Central Library has developed a lot and claims to be one of the resourceful academic libraries in the state. The Central Library acts as a crucial resource and learning centre of the University to meet the information needs of its clientele for the growth and development of the University. Ever since its inception, the Central Library has been relentlessly striving to be learner-friendly. It has registered huge success in the realm of the collection, organisation, information dissemination, and sharing of knowledge.

2. Library Vision

- Build reference collections to support teaching, learning and research.
- Provide access to local, national and international information resources
- Preserve the rare and unique collections on Tripura and North East region

3. The layout of the library

The main library is situated in the centre of the campus and is easily accessible. The library is constructed on three floors with the total space size 5415 sq.mts. At present, it is utilising 2715 sq.mts for its regular operations. Total seating capacity of the library is 250.

Ground Floor:

- Librarian and Officers' cabin
- Circulation, Technical, Acquisition, Theses and Periodical Section
- Stack area for the Social Science, Philosophy and religion collection
- Digitisation and System Section

First Floor:

- Library conference hall, E-Library
- Stack area for Science, Applied Science and Management collection
- Special collection on Tripura and Eminent personalities
- Rabindranath Tagore Study Corner

Second Floor:

- Reference and Bound volume section
- Library Archives
- Seminar and Exhibition Hall

4. Working Hours

The library timings are fixed, considering the need of the students. The library extends its service hours during examination time based on the request from students and faculty.

Reference Time

Monday to Friday: 09:30 AM to 08:00 PM

Saturday and Sunday: 11:00 AM to 4:00 PM

Transaction (Counter) Time

Monday to Friday: 10:00 AM to 05:30 PM

The library is closed on National and University Holidays.

5. Library Users

The library offers its services to faculty, students, research scholars, and non-teaching staff. 1756 members registered during July 2019-June 2020. 1908 users visited the e-Library. Around 34360 users consulted the library during this period. Also, many prominent personalities visited the library during this period.

6. Branch Libraries

- The library has two branch libraries to cater to the needs of specialised requirements of the users.
- One library is located in the School of Management Building inside Tripura University campus. It has the collection of 3264 books. The books are mainly on management, Law and Journalism and mass communication subject.
- The other library is located at City Centre, Gandhighat, Agartala to meet the needs of the students of the NET coaching Centre, Centre for Gandhian Studies and Centre for Kokborok languages with the collection of 1047 books.

7. Library Collections

The library has a wide variety of collections. Over the years, the library has built excellent reference collections on Tripura and its culture. The library is also having special collections on and by a few prominent leaders.

7.1 Print Resources

- The total number of books accessioned in the library as per the Accession register as on June 2020 is 142613. About 2576 books were added during the period Jul 2019 till June 2020.
- The library has a subscription of 57 print periodicals and 23 magazines on different disciplines in this cycle. It also has 18 leading newspapers.
- The library has more than 437 theses and 131 dissertations and about 1060 bound volume collections.

7.2 Digital and Online Resources

- The library has around 1197 CD/DVDs which came along with the print books.
- The library has a collection of 30907 e-books from 10 different publishers on various subjects. In this period, The University was accessing 14 online databases through e-Shodh Sindhu, INFLIBNET. Tripura University has separately subscribed 10 online journal/databases/tools Bentham Science (full collection), CapitalinePlus, Emerald (138 Journals), EPW Time Series, Grammarly, IET Journals, Indiastat (05 Licenses), Prowess-IQ, Sage (03 Journals), Scopus for the benefits of its users.

8. Library Staff

There is a total of 25 staff in the library, which includes 14 library professionals, 01 Information Scientist and 10 non-library professionals.

9. Library Automation

The Central Library is using open source Integrated Library Management Software-KOHA for its in-house operations. The library is managing the whole operation through KOHA for facilitating circulation, cataloguing, acquisition, serial control, OPAC and other activities of the library. The library is using open source software Vufind and J-Gate for the federated search facility.

The library is also having a well-designed website to showcase its online and print resources. The website also provides the general details like rules and regulations of the library; library opening hours, library services and staff contact details.

10. Resource Sharing and Participation in Consortia

The Central Library, Tripura University is one of the core members of INFLIBNET where it is entitled to access 14 online journals/ databases through e-ShodhSindhu consortia. The library has also initiated the digitisation of its thesis collection. Central Library has digitised and uploaded around 173 PhD thesis of Tripura University in the National Repository of PhD thesis called ShodhGanga hosted by INFLIBNET Centre. Since it is the biggest academic library in the state and has a special collection on Tripura, the research scholars from other academic institutions and universities frequently visit the library for learning, research as well as teaching.

11. Life Membership

The library has life/Institutional membership with the following Institutes/organisation.

- Life membership of Current Science
- Institutions of Engineers (India)

12. Library Facilities and Services

The library has a well-equipped conference and exhibition hall. The whole building is Wi-Fi enabled. It is also having restrooms and drinking water facility on each floor. The library has security systems such as CCTV and fire alarm. The library has the facility of Air-conditioners facilities in all the stacks and reading rooms. Central Library during the lock down period provided off campus access to most of the online resources subscribed by Tripura University. It has also created separate webpage to help students, faculty to provide Plagiarism Check service, Document Delivery Service and Online database Search service.

The Central Library, Tripura University offers the following services to its users.

- Reference Service
- Lending Service
- Document Delivery Service
- Anti-Plagiarism Service
- Reprographic Service
- Newspaper Clipping Service
- New Arrival Alert Service
- E-Library cum Digital Library Lab
- Citation Management Service
- Digitalisation Service

13. Awards And Recognition

- Dr.B.Sanjay, Librarian has received 'Best Librarian Award' for the year 2019 in recognition of the contribution in the field of library and professional activities from Karnataka State Government through Department of Public Library on August 12, 2019.
- Dr.B.Sanjay, Librarian was the Member of Royal Society of Chemistry India Library Advisory Board for the year 2019.

14. Library Research Contribution:

- Library has implemented Indian Research Information Network (IRINS) in collaboration with INFLIBNET Centre for showcasing the research work of Tripura University faculties at National level. Also, library has updated the profile of faculties in VIDWAN expert database.
- With the collaboration of National Digital Library, central library has conducted membership drive and live demo on NDL for the students of Tripura University in the month of August and September 2019.

15. Library Events

The following programs are organised by Central Library of Tripura University during the period from July 2019 to June 2020.

- Central Library in collaboration with Department of Sociology has organized a Speech Competition for U.G. and P.G. students under "Ek Bharat Shrestha Bharat day" programme which was held on February 3, 2020 in the Conference Hall of Central Library. Hon'ble Vice Chancellor (In-charge), Registrar and Dean of Students welfare present on this occasion and distributed the certificate to winners.
- The Central Library on the occasion of birth anniversary of NetajiSubhash Chandra Bose January 23, 2020 has organised a week-long special book display. The Hon'ble Vice-

Chancellor (in-Charge) has inaugurated the event and addressed the audience. The programme was attended by faculty, students and staff of Tripura University.

- 'ParikshaPeCharcha' event which was conducted at Talkatora stadium, New Delhi on 20th January, 2020, at 11 am. By Prime Minister NarendraModiwas screened at Library conference room. Hon'ble Vice-Chancellor (Acting), Registrar, Librarian, faculty, officers and students were attended the session. Prime Minister was interacted with the students, teachers about various aspects of the examination and how to release stress during the exam.
- The Central Library celebrated the Birth Anniversary of Swamy Vivekananda and "*Ek Bharat Shreshth Bharat*" on January 6, 2020. On this occasion, the Central Library, Tripura University has organised Special Book Display. The programme was followed by a special keynote speech on "बिहार : ऐतिहासिक एवं सांस्कृतिक परिचय" by Dr. KaliCharanJha, Assistant Professor, Tripura University in the Central Library. The occasion was graced by the Dean, Faculty of Arts and Commerce, the Dean of Students' Welfare and Coordinator of *Ek Bharat Shreshth Bharat*.
- The Central Library has observed the National Library Week during November 14-20, 2019. The Libray has organised 'Special Book Display on Developing Reading Habits among Users in Tripura University.
- On the occasion of Independence Day, the Central Library has organised a week-long Special Book Display on Indian Freedom Movementfrom August 15-21, 2019.
- The Central Library on the occasion of birth anniversary of Padma Shri. Dr. S.R. Ranganathan and National Librarian's Day has organised a special Book Display on Dr. S.R. Ranganathan in collaboration with Department of Library & Information Science in the Library from August 10-16, 2019.
- To commemorate 78th Death Anniversary of Gurudeb Rabindranath Tagore, Central Library has rolled out two new initiatives i.e. Rabindranath Tagore Study corner and facility of screening SWAYAM PRABHA Satellite Channels on August 8, 2019 for the benefit of Tripura University students. Prof. SukantaBanik, Registrar (i/c) and Swapan Nandi, Eminent artist, poet of Tripura inaugurated these facilities inside Central Library, Tripura University. Central Library staff, Students and Faculties of Bengali Department and Library and information science department were present during this occasion.

16. Orientation Programs

- The central library has arranged an online webinar on 'Wiley Online Library: How can it help researchers?' for users of Tripura University byAlejandra Barciela on June 11, 2020.
- The Central Library has organised an online user awareness programme on online databases, Web of Science and EndNote on May 6, 2020. The programme was well appreciated by the users.
- The Central Library has organised an online Demonstration cum Orientation Session on Research Writing Tool-Grammarly for the users of Tripura University on April 10, 2020.
- The Central Library has organised an online User Orientation Programme series in association with Turnitin on Plagiarism Detection Software, iThenticate Software on

February 26, 2020, and orientation Programme on Urkund Plagiarism Detection System on February 27, 2020, in association with eGalactic.

- The Central Library has organised an online orientation programme in association with Centre for Monitoring Indian Economy Ltd, Mumbai 'How to use ProWess' on November 18, 2019. The programme was well appreciated by faculties, research scholars and students.
- The Central Library organised the membership drive-cum-library orientation service to enhance the usage of library resources and services. The whole exercise was divided into five segments like Languages and Creative Arts, Biological Science, Economics, Management and Law, Social Sciences and Education, Engineering and Technology and Physical Science. All the officers, professional and other staff were involved in this exercise. The membership drive-cum-Orientation programme was formally ended on September 4, 2019. Total 1445 nos of Students participated in this programme from 44 different Departments/Centre of the University. This was the first time such a program was organised. The feedback of the students was good and they suggested that it should be organised in every year. Overall the programme was a grand success.

17. Conference/Seminar/Workshop/Delivered Lectures/Talks by the Library Staff

- Dr. B. Sanjay, Librarian, Tripura University was an invited speaker in the 1st Multidisciplinary International Conference on the Social and Life Sciences held at East-West University, Dhaka, Bangladesh on February 27-29, 2020.
- Dr. B. Sanjay, Librarian, Tripura University has participated in a 3-day International Symposium on Knowledge Engineering for Digital Library Design (KEDL 2019), organised by National Digital Library of India (NDLI), IIT Delhi from December 9-11, 2019.
- Dr. B. Sanjay, Librarian, Tripura University was invited as Resource person in 2nd International Conference on Information Systems and Management Science-2019 organised by Department of Information Technology, Tripura University from December 6-7, 2019.
- Dr. B. Sanjay, Librarian, Tripura University was invited as speaker for one day workshop on Intellectual Property Rights Protection and Traditional Knowledge Documentation organised by Department of Botany, Tripura University held on September 30, 2019.
- Dr. B. Sanjay, Librarian, Tripura University was invited as speaker for the Two-week Refresher Course entitled "Science and Technology for Social Development" for Faculties in Universities / Colleges / Institutes organised by Faculty Development Centre, Tripura University from September 11-25, 2019.
- Dr. B. Sanjay, Librarian, Tripura University was invited as speaker in the Librarian Appreciation Day held on August 22-23, 2019 at Kolkata, India organised by Royal Society of Chemistry India.
- Dr. B. Sanjay, Librarian, Tripura University was invited as a speaker in a Ten-day Research Methodology course for PhD, M.Phil and PDF scholars by sponsored by ICSSR and organised by Department of Psychology, Tripura University from April 22, 2019, to May 1, 2019.
- Dr. B. Sanjay, Librarian, Tripura University was invited as a Resource person in National Workshop on Reskilling of Indian Youth held on February 17-19, 2019 at Tripura University.

- Sh. Champeswar Mishra, Deputy Librarian, Tripura University has attended Annual Refresher Programme in Teaching (ARPIT) Online Course for Career Advancement Scheme(CAS) promotion in *Emerging Trends & Technologies in Library & Information Services* with an "A" Grade, conducted by MHRD, Government of India & UGC, Indian Institute of Technology, Delhi.
- Sh. Champeswar Mishra, Deputy Librarian has participated in the panel discussion in the National Workshop on 'River and Water Management for Sustainable Development with Policy Perspectives' organised by Tripura University in collaboration with Aviral Ganga Mission, Jalbiradari, Tripura University, 3-4 July 2019.
- Sh. Surendra Kumar Pal, Assistant Librarian, Tripura University has attended Annual Refresher Programme in Teaching (ARPIT) Online Course for Career Advancement Scheme(CAS) promotion in *Emerging Trends & Technologies in Library & Information Services* with an "A" Grade, conducted by MHRD, Government of India & UGC, Indian Institute of Technology, Delhi.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated in an Online Workshop on 'Moodle-Learning Management System', organised by Department of Management Studies, JD College of Engineering and Management, Nagpur from May 25-30, 2020.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated in online Faculty Development Programme on "Koha Library Management System" organised by Spoken Tutorial Project, IIT Bombay from April 30 2020 to 4th May 2020 at G. Venkataswamy Naidu College.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated on "Developing Soft Skills and Personality" offered by NPTEL through SWAYAM Central from August-October, 2019.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated in a course on "Academic Writing" offered by HNB Garhwal University, Srinagar through SWAYAM Central from July-October, 2019.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated in a course on "Body Language" offered by NPTEL through SWAYAM Central from July-August, 2019 session.
- Ms.Chanda Paul, Semi Professional Assistant, Tripura University has participated in a One Week Training Programme on 'Website Development' organised and conducted by CSIR-NISCAIR from July 22-26, 2019

18. Publications

- Mishra, C. (2019). Impact of social media on academic business school libraries. *Library Philosophy and Practice*, 2871.
- Mishra, C. (2019). The effects of dimensions of organisational structure on innovation in business school libraries in India: an empirical study. *SRELS Journal of Information Management*, 56(4), 216-221.

19. Library Usage

On an average 34360 readers visited the library during this period. During the period July 2019-June 2020 around 30052 books were circulated.

20. Anti-Plagiarism

Around 1251 documents have been analysed by Anti-Plagiarism Software namely Urkund and iThenticate by the users of Tripura University during July 2019- June 2020.

21. Online Resource Usage

Table-1: Online Resource Usage from July 2019- June 2020

SL. No	Category	Source of Subscription / Procurement	Total Downloads / Sessions
1	Online e-books	Tripura University	11498
2	Online Journals and Databases	Tripura University	2286
3	E-ShodhSindhu	INFLIBNET	34187

LIBRARY EVENTS FOR THE PERIOD JULY 2019 - JUNE 2020



Speech Competition on Ek Bharat Shrestha Bharat Programme on February 3, 2020 at Central Library



Dignitaries during Ek Bharat Shrestha Bharat Programme which was held on February 3, 2020 at Central Library



Central Library on the occasion of birth anniversary of Netaji Subhash Chandra Bose January 23, 2020 has organised a week-long special book display. The Hon'ble Vice-Chancellor (in-Charge) has inaugurated the event and addressed the audience.



To commemorate 78th Death Anniversary of Gurudev Rabindranath Tagore, Central Library has rolled out two new initiatives i.e. Rabindranath Tagore Study corner and facility of screening SWAYAM PRABHA Satellite Channels on August 8, 2019. Prof. Sukanta Banik, Registrar (i/c) and Swapan Nandi, Eminent artist, poet of Tripura inaugurated these facilities inside Central Library, Tripura University



Participants during the Library Membership cum Orientation Drive at Central Library



To commemorate 78th Death Anniversary of Gurudev Rabindranath Tagore, Central Library has rolled out two new initiatives i.e. Rabindranath Tagore Study corner and facility of screening SWAYAM PRABHA Satellite Channels on August 8, 2019. Prof. Sukanta Banik, Registrar (i/c) and Swapan Nandi, Eminent artist, poet of Tripura inaugurated these facilities inside Central Library, Tripura University.



Faculty and Research Scholars during the Library Membership cum Orientation Drive



'Pariksha Pe Charcha' event which was conducted at Talkatora stadium, New Delhi on 20th January, 2020, at 11 am. By Prime Minister Narendra Modi was screened at Library conference room

Computer Centre

A Computer Centre was established in 1992 to facilitate a common computational resource centre for the academic programs as well as for maintenance of other computing resources in Tripura University. Over the years the University has grown substantially in terms of departments and academic programs as well as in infrastructure. The Computer Centre has implemented a campus LAN with optical fibre backbone connecting the academic as well as administrative departments spread over the University campus. Internet connectivity is provided throughout the campus. It coordinates computing works like students' registration, result publication work. It also conducts training program on Computer and Information Technology. In the Computer Centre, practical classes are held for some of the Departments. The Computer Centre maintains one Central network Server Room. It maintains five Computer Centres spread over Library building, Academic building-II, Academic building-VI, Academic building-X and Academic building-XI. The Computer Centre introduced Internet facility through Wi-Fi access points which are installed in almost all Academic Buildings to enable students to access Internet through their personal laptops and mobile phones which are registered in the Computer Centre. Computer Centre provides Internet

ID to Students, teachers and staff to access Internet through Wired LAN network. The Computer Centre conducts counselling program for students and teachers on online courses developed by MHRD using SWAYAM and NPTEL.

Health Centre

The Tripura University has a Health Centre to provide basic out-patient department (OPD) and observation facility and has been established to look after healthcare needs of students, research scholars, staff members, officers, faculty members and their families. The Tripura University Health Centre also attends to patients coming from adjoining areas providing them with medicine and urgent treatment in case of emergency.

The Health Centre is equipped with oxygen (using oxygen concentrator), nebulizer, sterilizer and other basic equipments that are essential for primary healthcare.

The Tripura University Health Centre is open from morning until night for providing healthcare. Two medical officers and two nurses provide their regular services at the Health Centre instilling confidence in the university family.

Tripura University Sports Board

The Tripura University Sports Board came into existence in 1998. The Tripura University Sports Board organized various Games & Sports in every year among the University Students, as well as Inter-Departmental Football, Volleyball, Kabaddi and Cricket Competitions, Annual Sports & Indoor Games. A large number of students, teachers, Officers and non-teaching staff participate in the Competitions. Every year we conduct Inter College Competitions in various events such as Football, Cricket, Volleyball, Kabaddi, Yoga, Judo, Table Tennis and Athletics among all affiliated Colleges under Tripura University and have been participating in East Zone/All India Inter University Competitions.

Inter Department, Inter College, East Zone and All India Tournaments in the year 2019-20 was conducted by Tripura University Sports Board.

Inter Department and Inter College Competition:

Inter Department Football (Men), Cricket (Men & Women), Kabaddi (Men & Women), Volleyball (Men & Women), Athletics (Men & Women) Table Tennis (Men & Women), Judo (Men & Women) and Yoga (Men & Women) and Kho-Kho (Men & Women) and also Indoor Game for Teaching, Officers, Non-Teaching, Students, Scholars were organized by the TUSB.









Inter College Football (Men), Volleyball (Men & Women), Athletics (Men & Women) Table Tennis (Men & Women), Kabaddi (Men & Women), Kho-Kho (Men & Women), Yoga (Men & Women) and Judo (Men & Women) Competition organized by Tripura University 2019-2020.





Participation in East Zone / All India Inter University Competition



The East Zone Inter University Cricket (Men) competition 2019-2020 was organized by Ravinsa University, With the help of the University authority and utilizing the developing infrastructure and facilities of the University, the TUSB will continue to spread the sporting culture with the University as well as in the state of Tripura.



CONCLUSION

In the session 2019-2020 Tripura University Sports Board organized Inter College Competition in different sports activities among the different affiliated Colleges, namely events such as Yoga (M&WM) Kho-Kho (M), Judo (M & WM), Kabaddi (M & WM.), Football (M), Cricket (M), Volleyball (M & WM). Approximately 430 students participated in above mentioned games & sports.

In extension activities Tripura University has participated different sports competition out side the campus, i.e. East Zone and All India Inter University Competition organized by different Universities under affiliated by Association of Indian University (AIU). Approximately 92 nos. participants participated in both competitions. In All India Inter University Pencak Silet (WM) competition held at Gulbarga University, Kalburgi, Tripura University women Team achieved 02 Silver medal and 04 Bronze medal in said competition.

FIT INDIA ACTIVITY

In Fit India Movement approximately 500 nos Faculties, Staff, and Research Scholar, Students have participated in fit India movement Run.

NSS UNIT

Head of the Department	:	Dr. Rajesh Chatterjee (PhD, Rural Development)
Year of Establishment	:	1992
Programmes on offer	:	NSS 01 E
Intake capacity	:	326 (from IMD, MA, MSc, and Diploma students under CBCS)
Innovation	:	Incorporated NSS as a Paper in the CBCS method

Prizes :

- Best Volunteer** prize was awarded by the Dept. of Youth and Sports Affairs, Government of Tripura
- Achieved third prize from the Government of India on** one student one tree' undertaken by the Dr. Ramesh Pokhriyal, hon'ble minister, MHRD,

Major achievements/ Vision of the Department :

NSS assists society by generating awareness and executing service approach. NSS Volunteers are stimulated to make changes through extension that result in more efficient production and marketing, conservation of natural resources, improved livelihood security, health, and more satisfying family and community life. Extension work is at the lowest in hierarchy, but extremely broad based in usage. It is also extremely location specific and usually susceptible to outside criticism. Extension work is to help people understand themselves.

The overall objective of NSS is to offer an extension of the academic activity of students and orient the student/youth to community service. The educated youth who are expected to take the reins of administration in future are found to be unaware of the problems of the village/slum community and in certain cases are indifferent towards their needs and problems. Therefore, it is necessary to imbibe the social conscience of the students, and to provide them an opportunity to work with the people in the villages and slums.

1. Faculty Members :

Name	Qualification (MPhil/Ph.D)	Designation	Fulltime/ Guest/ Contract	Research area	No. of years of Teaching/ Research/ job experience	Ph.D Guidance		Master Thesis Guidance		Citation	H-index
						Awarded	Existing	Guided	Existing		
Dr. Rajesh Chatterjee	M.A., PhD (Rural Development)	Programme Officer	Additional Duty	Rural Infrastructure, Rural Entrepreneurship & Extension Education	15	01	04	10	08	01	01

2. A. Assistant Coordinator :

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Sri Partha Sarathi Shil	Basics of NSS	Dept. of Sanskrit, Tripura University

1. Details about Academic programs: **NSS E-01**

As per the guidelines of Activity Forum of National Service Scheme, under the Ministry of Youth Affairs & Sports Govt. of India, popularly known as NSS, the following activities may be undertaken as syllabus of CBCS system. The template of NSS Curriculum designed by CABE-UGC-MYAS, GoI, (vide letter D.O.No.F. 1-7/2011 (CPP-II), dated 13th August, 2015 from UGC) has been considered while preparing the following NSS-Syllabus. The syllabus is approved by the Dean Committee meeting, Tripura University held on 28th January, 2016 and subsequently from the academic council also.

2. SEMESTER: **ODD AND EVEN Semester as Elective Paper**3. PAPER: **NSS E-01, CREDIT: 02**4. Marks: **50 (Theory – 20, Practical – 30)**5. Intake Capacity: **80 (01 Unit sponsored), 246 (3 units self-sponsored)**

6. Pattern – Trimester/Semester/annual : Semester System (CBCS)

7. Curriculum design process/revision:

With the sincere help of syllabus committee comprising external expert, Dean Students Welfare, HOD of Physical Education and faculty members. To upgrade the syllabus of NSS, the PO, NSS Unit, TU participated in the workshop of NCRI-Hyderabad on 6-7th March, 2017 and a proposal also submitted to NCRI-Hyderabad by the PO NSS Unit for conducting 1-day goal table meeting with all departmental heads of TU.

8. Emphasis on diversity , flexibility and multi- skill development:

NSS Volunteers visit once in a week of the adopted eight villages of Tripura University

9. Skill based and Industry relevant curriculum:

Keeping in view the modern demand of the society, some training programmes related to digital literacy of Government of India programme, Health awareness camp, swachya Bharat programme, tree plantation etc. and overall rural reconstruction programme are conducted for the volunteers of NSS Unit.

10. CBCS based curriculum:

As per directive of CABE-UGC-MYAS, GoI, the curriculum follow the CBCS pattern.

11. Curriculum based on Outcome – based education

12. Inter-disciplinary options: Students of different faculties like science, social science, engineering, management and linguistics are eligible for NSS as Elective subject in their four semesters curriculum.

Activities completed:

1. NSS Volunteers cleaning football ground as a part of their daily activities and they have also taken the responsibility to clean this ground on their own hand.



2. Swachhata Pakhwada-2019-20 was organised by the Tripura University where the NSS Volunteers from different department participated to make it a grand success. As per directives of MHRD, GoI, the students have planted 10 saplings of different fruits. The entire plantation programme was taken place in front of Kokborok department who will look after these all saplings. Participated in the poster making competition on Water conservation.





3. Garden cleaning is the part of daily activities of the NSS volunteers. Three days in a week is the work assigned to each and every department to clean the garden. Subsequently the University has decreased her daily labour cost on garden and university cleaning purposes.



4. NSS Volunteers participated in the all events of Ek Bharat Srestha Bharat programme. Volunteers of NSS Unit, TU are members of Ek Bharat Srestha Bharat Club. Participated in a special talk on “Bihar: Oitihai and Sanskritik Parichay”



5. **'one student one tree'-Saplings Plantation Programme**

As per the directives of MHRD, Gol, and in order to facilitate the new campaign of 'one student one tree' undertaken by the Dr. Ramesh Pokhriyal, hon'ble minister, MHRD, a target was set up in front of NSS Volunteers to plant 1000 saplings within the university premises and outside the University boundary. The NSS volunteers have collected these all saplings from the forest department, Govt. of Tripura and also on their own way. The NSS volunteers have successfully planted more than 2500 saplings and these activities have been recognised by the Government of India by awarding **Third Prize** in a programme at New Delhi.



Few Glimpses of the 'One student one Tree' Programme

Rashtriya Poshan Maah-2019

As per the Directives of GUC, MHRD, Gol, NSS Unit of Tripura University organised **Rashtriya Poshan Maah** on 30/09/2019 to propagate and generate awareness on "Hand wash and Sanitation" to maintain Cleanliness and Hygiene among the masses. The programme was organised centrally where NSS Volunteers played the main key roles to satisfy the objectives of this endeavour. This awareness campaign was also convened in the adopted villages of Tripura University.



Swachhata hi Sewa and Fit India Programme:

These two programmes were organised on 2nd October, 2019 in the day of Mahatma Gandhi Birth centenary and this day is also observed as the foundation day of the Tripura University. A rally was organised within the university premises by the NSS Unit and one cultural programme was also staged in front of Administrative Building, TU. Gandhi's statue at City centre, Tripura University was garlanded.



Swachha Bharat Summer Internship Award:

Volunteers of NSS Unit, Tripura University were awarded first, second and third prize for their best performance in the Swachha Bharat Summer Internship Programme held from 15 June, 2018 to 14th July, 2018 in the different villages of Tripura and Bihar. First and third prize were secured by the groups of English department, Tripura University and second prize was given to an individual volunteer of Tripura University who worked outside the state. The programme was conducted on 31st January, 2020 in the seminar Hall of Tripura University in presence of Dean of Science and Dean of Arts and Commerce, Tripura University. The team and individuals worked in the 36 villages of Tripura and one village in Bihar on Swachha Bharat Summer Internship Programme where 15 villages were tribal dominated area. ([https://www.youtube.com/watch?v=dZyFQqut8_A /](https://www.youtube.com/watch?v=dZyFQqut8_A/))



Two-Day State Level Workshop

Two days state level workshop was organised by the DSY, GoT on 7-8th February, 2020 for the Programme Officer, NSS Unit, Tripura. The programme officer participated in this programme and completed successfully.

Inter Institutions Camp on Personality and Leadership Development:



The volunteers of NSS Unit, Tripura University participated in the inter institutions camp on personality and leadership development programme organised by Dept. of Youth and Sports Affairs, GoT, held from 16th to 20th February, 2020 at Saheed Bhagat Sing. The students of NSS Unit, Tripura University was awarded the **Best Volunteer** of that programme. Volunteers also donated blood

Book Fair at Hapania, Agartala

More than 300 volunteers participated in the state level book fair at Hapania Industrial ground, Agartala, held on 26th February, 2020. Students were assembled in the inaugural programme where honourable CHIEF MINISTER AND Deputy Chief Minister were present in that programme as the chief guest. This is one type of effort by the University to bring interest and aware the students about the new books of different national and international authors. The NSS Programme Officer has taken this initiative to motivate students about book fair and purchase of new Books.



International Yoga Day

NSS Unit, Tripura University has organised Yoga Day on 21st June through a Webinar. All the volunteers participated in this programme where Dr. Sabyasachi Dasgupta, Dean, Students' Welfare, Tripura University was the Chief Guest of that Programme. The entire programme was coordinated by the P.O., NSS Unit, Tripura University (<https://www.youtube.com/watch?v=6fmiuHwczAk>).

Food Items Distribution by the NSS:



During lock down period of Covid-19, the NSS volunteers donated food items to the BPL families of the adopted villages of Tripura University. Food items were contained with 5 kgs rice and one kilo *daal*. This initiative was taken purely by the NSS volunteers. This work of food items distribution among the poorest of the poor is appreciable.

Activities of the NSS Volunteers during Lockdown period to resist Covid-19:



Few glimpses of the activities

Activities performed and completed by the Volunteers of NSS Unit, Tripura University

- a. Mask Making
- b. Mask Distribution among the vulnerable section like children, women and aged persons
- c. Sanitizer distribution
- d. Food items distributions
- e. Awareness generation about Covid-19 among the villagers

Integrity a Way of Life (Vigilance Awareness Week):

Students have participated in the programme on Integrity a Way of Life held on 28th October to 2nd November, 2019. For this purpose a rally “Vigilance Awareness Week” was organised and participated by the NSS Unit Tripura University to generate awareness among rural students, rural people and common people. Near about five hundred students from rural schools participated in this rally.

For generating awareness on the “Vigilance Awareness Week” among the students and rural people, an awareness programme was organised with UCO Bank. Another programme was also organised in collaboration with ONGC-Agartala in the adopted village named as Suryamaninagar Gram Panchayet to make aware the rural masses. Hundred and twenty five rural people participated in this programme.



Digital India Campaign:

The Volunteers of NSS Unit, Tripura University is actively engaged to make aware the rural students of the Adopted villages about the Digital India Programme of GoI. To implement the digital India Campaign in the all villages, the volunteers presented the entire matter with a small presentation using projector. Basically they are taught how to open a bank account online, how to collect any information with the help of internet and how an individual can prevent herself or himself from any fraud and fake news/fake photos.



Constitution day:

Volunteers of NSS Unit, Tripura University have participated in the constitution day programme held on 26th November, 2019, at Maharaja Birbikram Satbarsiki Bhawan



Celebration of Gandhi’s 150th Birth Anniversary:

Volunteers of NSS Unit, Tripura University have participated in the 150th Birth Centenary celebration of Mahatma Gandhi held on 1st November, 2019 at the Maharaja Birbikram Satabarshiki Bhawan, Tripura University.

NAPDDR Programme (Drug Reduction):

The volunteers of NSS Unit participated in the National Action Plan for Drug Demand Reduction (NAPDDR) organised by the National Institute of Social Defence, Ministry of Social Justice and Empowerment, Government of India in collaboration with Tripura Prisons Directorate and Tripura University on 26th February, 2020 at the Seminar Hall No.2, Tripura University.

Volunteers’ Service for the Cleanliness and Gardening of Tripura University (Few Glimpses):



Sramadan of the Volunteers on the followings activities:

- a. Pineapple garden
- b. Papaya garden
- c. Sweet Lemon Garden
- d. Plantation of trees under MHRD, Gol programmes
- e. Amfi theatre cleaning

Engineering Cell

The office of the Engineering Cell of the University is looking after all the new and ongoing construction works besides doing all repair/maintenance works both electrical and civil. This office is also looking after the 24x7 operation and maintenance of 33/11 KV substation for providing steady power to all Facilities/Utilities of the University beside distribution of drinking water to all stakeholders.

List of works (Under Tender Route) as on 14.09.2020

Sl. No.	Name of work	Work order value (in Rs.)	Agreement value (in Rs.)	Remarks
1.	Providing provision of 62 nos. power plug and 4 nos. industrial sockets points connectivity at the different electrical appliances at different laboratories at Deptt. of Pharmacy, T. U., S. M. Nagar, West Tripura.	4,06,953.00	4,06,953.00	Work has been successfully completed.
2.	System improvement along with provision of separate LT circuit to the Nitrogen Plant and Instrument Centre of T. U., S. M. Nagar.	1,98,400.00	1,98,400.00	Work has been successfully completed.
3.	Providing provision for re-installation of 2 (two) nos. UPS and online UPS connectivity at the C/Bs and P/Bs at Academic Building No. XII and Dismantling of 8 (eight) nos. AC machines from Academic Building No. I and re-installation of 10 nos. AC machines including I. E. works for installation of 10 (ten) nos. AC machines at Academic Building No. XII, T. U., S. M. Nagar, West Tripura.	2,78,856.00	2,78,856.00	Work under progress.
4.	Providing illumination in and around the Football Ground at T. U., S. M. Nagar, West Tripura.	13,73,587.00	13,73,587.00	Work under progress.
5.	Beautification of New Guest House, TU campus, Suryamaninagar / SH:1. Construction of 5 nos. both way sitting back to back Benches (Permanent RCC) in front of the New Guest House, 2. Construction of a seven seating capacity cottage well ventilated, tiled floor, moderate interior finished with bamboo/wood produce, round/hexagonal shaped PVC coloured roofing, structure permanent with iron poles, truss, bracings etc. finishing complete, 3. Provision of entended parking facilities for four wheelers by providing paver blocks and guard wall adjacent to the pump house, New Guest House, TU //SH: Providing power connectivity to the Cottage including I.E works thereof.	80,700.00	80,700.00	Work under progress.
6.	Providing LED Street light illumination from Energy Park to New Guest House via Academic Building No-XI, Tripura University, Suryamaninagar, West Tripura.	14,04,263.00	14,04,263.00	Work under progress.
7.	Comprehensive Annual Maintenance contract (CAMC) for 2(Two) nos. 13(Thirteen) passengers capacity Lift Elevators (OTIS make machine No- 52NU1378 and 52NU1379) installed at Academic Building No.- XII, Tripura University, Suryamaninagar, West Tripura.	14,25,033.00	14,25,033.00	Work under progress.
8.	Comprehensive Annual Maintenance contract (CAMC) for 2(Two) nos. 8(Eight) passengers capacity Lift Elevators (OTIS make machine No- 52NU1376 and 52NU1377) installed at New Girls' Hostel, Tripura University, Suryamaninagar, West Tripura.	13,84,320.00	13,84,320.00	Work under progress.

9.	Augmentation/repairing and construction /Installation and commissioning of 1(One) set 15,000 LPH capacity Iron Removal Plant for the Pump House attached to Academic Building No-XI, Tripura University (A Central University), Suryamaninagar, West Tripura. (2 nd call).	16,59,210.00	16,59,210.00	Work under progress.
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List of works (Under Form.11 Route) as on 14.09.2020

Sl. No.	Name of work	Work order value (in Rs.)	Remarks
1.	Providing replacement of defective power cable at motor room (water lifting pump motor) with and LPE armoured cable for Research Scholar Women's Hostel, T. U., S. M. Nagar.	49,923.00	Work has been successfully completed.
2.	Providing provision for installation of 7 nos. P/Bs (comprises of 3 nos. 16/20 amps switch/ sockets) at physic lab & computer lab at Dept. of IMD BA/ B.Sc/ B.Ed/ providing provision for electrical power connectivity for 1 no. AC each at the office of Dept. of Linguistic & Tribal Language & CCTV server room i.e. office of the Security Officer, T. U., S. M. Nagar, West Tripura.	49,649.00	Work under progress.
3.	Providing provision for installation of 2 nos. AC machine including power provision at Examination Branch, T. U., S. M. Nagar, West Tripura.	27,460.00	Work has been successfully completed.
4.	Providing provision of power connectivity at the R. S. (Gents) & pump motor room with XLPE Armoured cable to re-install power connectivity to the R. S. (Gents) T. U., S. M. Nagar, West Tripura. (Group-A)	49,163.00	Work has been successfully completed.
5.	Providing provision of power connectivity at the R. S. (Gents) & pump motor room with XLPE Armoured cable to re-install power connectivity to the R. S. (Gents) T. U., S. M. Nagar, West Tripura. (Group-B)	49,969.00	Work has been successfully completed.
6.	Urgent maintenance of LT line/ conversion of LT circuit with AB cable instead of ACSR at Girls' Hostel and Women's Scholar Hostel at T. U., S. M. Nagar.	46,610.00	Work has been successfully completed.
7.	Providing provision for installation 14 nos. power plug for Dept. of Education at Academic Building NO. XII (2 nd floor) & dismantling of AC machine from Academic Building No. I & re-fixing/ installation the AC at Building No. XII at T. U., S. M. Nagar.	49,889.00	Work under progress.
8.	Providing provision for installation of 3 nos. AC machine including power provision and others and replacement 1 no. damaged/ faulty 100 amps TPN main- switch at Dept. of MBA XII at T. U., S. M. Nagar.	42,339.00	Work has been successfully completed.
9.	Hygienic & necessary repair, renovation and maintenance work in University quarter (T.IV/A/05) allotted to Dr. R. K. Mahapatra (Dept. of Life Science) vide office order F.TU/Reg/Quarters/01/13 /(vol-V) dated- 11.07.2019 at T. U., S. M. Nagar.	30,612.00	Work has been successfully completed.
10.	Re-conditioning of damaged distribution transformer 11/.0433 kv, 01 no. 200 kva of the manufacturing company of Prag Electrical Ltd. Of the T. U. Campus. (Group-A)	49,370.00	Work has been successfully completed.
11.	Re-conditioning of damaged distribution transformer 11/.0433 kv, 01 no. 200 kva of the manufacturing company of Prag Electrical Ltd. Of the T. U. Campus. (Group-B)	43,058.00	Work has been successfully completed.
12.	Providing provision of 8 nos. C/Bs & P/Bs and online UPS connectivity provision including dismantling and re-fixing/ installation of 2 nos. AC machines at Dept. of Rural Studies shifted from Academic Building No. III to Academic Building No. I (1 st floor), T. U., S. M. Nagar.	49,995.00	Work has been successfully completed.
13.	Providing installation of 4 nos. LED flood light to facilitate lighting illumination for CCTV at the front side of entrance at newly constructed Girls' Hostel and R. S. Women's Hostel at T. U., S. M. Nagar.	49,993.00	Work has been successfully completed.

14.	Urgent maintenance/ replacement of ACSR and other damaged materials at the back side of Physics and Chemistry building in T. U., S. M. Nagar. (Group-A)	48,535.00	Work has been successfully completed.
15.	Urgent maintenance/ replacement of ACSR and other damaged materials at the back side of Physics and Chemistry building in T. U., S. M. Nagar. (Group-B)	48,373.00	Work has been successfully completed.
16.	Providing/ replacement of lightening arrester of 22 nos. 11/0.433 kv distribution transformers placed different including replacement of connecting wires and earthing in the T. U., S. M. Nagar.	48,238.00	Work has been successfully completed.
17.	Special repair and maintenance work in type-III/C-1 of Dr. Sindhu Poudyal T. U., S. M. Nagar.	29,966.00	Work has been successfully completed.
18.	Providing provision for installation of 2 nos. AC machine including power provision at Migration and Academic Section, T. U., S. M. Nagar.	34,283.00	Work has been successfully completed.
19.	Repairs and renovation works in State Bank of India office buildings, leisure rooms and some facility developments in the area at SBI, T. U. Campus branch, S. M. Nagar. (Group-A)	47,835.00	Work has been successfully completed.
20.	Repairs and renovation works in State Bank of India office buildings, leisure rooms and some facility developments in the area at SBI, T. U. Campus branch, S. M. Nagar. (Group-B)	47,406.00	Work has been successfully completed.
21.	Repairs and renovation works in State Bank of India office buildings, leisure rooms and some facility developments in the area at SBI, T. U. Campus branch, S. M. Nagar. (Group-C)	47,859.00	Work has been successfully completed.
22.	Repairs and renovation works in State Bank of India office buildings, leisure rooms and some facility developments in the area at SBI, T. U. Campus branch, S. M. Nagar. (Group-D)	18,771.00	Work has been successfully completed.
23.	Augmentation of sewerage utilities in the toilet block to link with the HoD room at Journalism & Mass Communication Dept., 2 nd floor, Academic building – X, T. U. Campus, S. M. Nagar.	43,797.00	Work has been successfully completed.
24.	Urgent maintenance/ replacement of HT (11 KV) power jointing kit of underground portion of 11 KV Amtali Feeder & replacement of LT underground service connection at Nitrogen plant at , T. U. Campus, S. M. Nagar.	37,346.00	Work has been successfully completed.
25.	Periodically servicing of AC machines i. e. complete servicing (indoor & outdoor) unit of major capacities AC machines installed at MBB Auditorium (17.5 TR capacity=6 nos.), Seminar hall no. I & II (17 TR capacity=2 nos. and 11TR capacity=3 nos.), VC's Chamber (3 TR capacity=2 nos.), Council hall, Academic building (13 TR capacity=2 nos.) and Library building (4.5 TR capacity=36 nos.) under , T. U., S. M. Nagar, West Tripura// Periodically servicing of AC machines installed at VC's chamber (3TR capacity=2 nos.), council hall, Academic building (3TR capacity=2 nos.) and Library building (4.5 TR capacity=36 nos.). (Group-A)	48,800.00	Work has been successfully completed.
26.	Periodically servicing of AC machines i. e. complete servicing (indoor & outdoor) unit of major capacities AC machines installed at MBB Auditorium (17.5 TR capacity=6 nos.), Seminar hall no. I & II (17 TR capacity=2 nos. and 11TR capacity=3 nos.), VC's Chamber (3 TR capacity=2 nos.), Council hall, Academic building (13 TR capacity=2 nos.) and Library building (4.5 TR capacity=36 nos.) under , T. U., S. M. Nagar, West Tripura// Periodically servicing of AC machines installed at MBB Auditorium (17.5 TR capacity=2 nos.), Seminar hall no. I & II (17 TR capacity=1 nos. and 11 TR capacity=3 nos.), Academic building No. XI, T. U., S. M. Nagar. (Group-B)	49,400.00	Work has been successfully completed.
27.	Periodically servicing of AC machines i. e. complete servicing (indoor & outdoor) unit of major capacities AC machines installed at MBB Auditorium (17.5 TR capacity=6 nos.), Seminar hall no. I & II (17 TR capacity=2 nos. and 11TR capacity=3 nos.), VC's Chamber (3 TR capacity=2 nos.), Council hall, Academic building (13 TR capacity=2 nos.) and Library building (4.5 TR capacity=36 nos.) under , T. U., S. M. Nagar, West Tripura// Periodically servicing of AC machines installed at MBB Auditorium (17.5 TR capacity=4 nos.), Seminar hall no. I & II (17 TR capacity=1 nos.), Academic building No. XI, T. U., S. M. Nagar. (Group-C)	49,000.00	Work has been successfully completed.

28.	Repair and replacement of doors and distempering work with putty in the proposed board room of Dept. of Business Management, T. U., S. M. Nagar.	41,814.00	Work has been successfully completed.
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List of works undertaken as per Clause No. 5.1 of Tripura University's purchase and works manual vide no.TU/FIN/PC(Non-Aca)/19/Vol-IV/15 dated: 08.11.2017 as on 14.09.2020

Sl. No.	Name of work	Estimated cost (in Rs.)	Remarks
1.	Repairing and maintenance of 2 nos. AC machines installed at Animal House, TU, S. M. Nagar.	9,672.00	Work has been successfully completed.
2.	Repairing of steel frame windows, doors installation of a new wash basin, minor painting work and petty sanitary maintenances in Health Care Centre, TU Campus, S. M. Nagar.	13,193.00	Approval is awaiting.
3.	Repairing and maintenance of 3 nos. defective AC machines at office chamber of EE (1 no.) and o/o the Director CDC, TU Campus, S. M. Nagar.	22,454.00	Work has been successfully completed.
4.	Repairing and maintenance of 3 nos. defective AC machine at PA to F.O. (1 no.) and at Library building of Dr. S. K. Paul (1 no.) and Library office (1 no.) TU Campus, S. M. Nagar.	24,617.00	Work under progress.
5.	Dismantling of 1no. old AC machine from Examination building ground floor and reinstallation, testing and commissioning the same including power provision at power station TU Campus, S. M. Nagar.	5,500.00	Work has been successfully completed.
6.	Installation of 3 phase energy meter for the IGNOU study centre housed at Academic building no.2 at TU Campus, S. M. Nagar.	20,655.00	Approval is awaiting.
7.	Dismantling 1 no. 4.5 TR AC machine from Library building 1 st / 2 nd floor and re-installation of the same at VC chamber including necessary testing commissioning and providing power for installation of 1no. 4.5 TR AC machine at VC secretariat TU, S. M. Nagar.	21,913.00	Approval is awaiting.
8.	Providing servicing of 10/1.5/2TR capacity split type (9 nos.) AC machines and petty maintenance of I.E. works at VC residence, TU Campus, S. M. Nagar.	14,106.00	Work has been successfully completed.
9.	Repair and maintenance of 2 nos. AC machines at the office chamber of the F. O. TU, S. M. Nagar.	2,369.00	Approval is awaiting.
10.	Repair and maintenance of 2 nos. AC machines at the office chamber of the HoD Dept. of English and office chamber of Dean, Students welfare, TU, S. M. Nagar.	5,047.00	Approval is awaiting.
11.	Providing complete servicing/ repairing 4 nos. AC machines at Computer Centre TU, S. M. Nagar.	7,519.00	Approval is awaiting.
12.	Replacement of OHT tank with a new 1 of 1000 litres of sintex pure ISI or P4 .. of 3 to 4 layer fitting connection as ancillary civil works required at Administrative building, TU, S. M. Nagar.	21,289.00	Work has been successfully completed.
13.	Providing installation testing and commissioning of 1 AC installation copper pipe (1/4 & 3/4) and electrical wire etc. at HoD, Dept. of Electrical engineering TU, S. M. Nagar.	17,984.00	Approval is awaiting.

Faculty Development Centre

Introduction:

The Ministry of Human Resource Development, Government of India has approved a Faculty Development Centre in Tripura University under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) and accordingly a Faculty Development Centre has been established in the Tripura University in the year 2016.

Programs Organized:

PROGRAMME NO: 008

14 Day Refresher Course titled “Rural Development, New Media and Social Change” for Faculties in Universities / Colleges / Institutes during 01 July to 14 July, 2019

The Faculty Development Centre (FDC), Tripura University decided to organize a Refresher Course for Faculties serving in Universities / Colleges / Institutes, during 01 July to 14 July, 2019.

The notification along with the format for application was uploaded to the Tripura University website as well as the same was circulated to different colleges and Universities, within the state and at the national level. The announcement was sent to different dailies for publishing as a news item. Also mails were sent to the participants of programmes organised earlier in the Faculty Development Centre (FDC), Tripura University.

The programme was inaugurated by Professor Vijaykumar Laxmikantrao Dharurkar, Honourable Vice-Chancellor, Tripura University. The occasion was graced by Professor Prof. M. K. Singh, Registrar (i/c) and Coordinator, Faculty Development Centre, Tripura University. The vote of thanks was given by Professor Binod Chandra Tripathy, Programme Coordinator of Faculty Development Centre (FDC) of Tripura University. The Valedictory function was held on 14 July, 2019. Professor M. D. Jahagirdar, Retired Professor, BAM University was the Chief Guest and Professor Sadhana P. Pande, Registrar, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra) was Guest of Honour. The Programme was presided over by the Prof. Anjan Mukherjee, former Co-ordinator, Faculty Development Centre, Tripura University. The vote of thanks was given by Dr. Rajeev Dubey, Member, Faculty Development Centre, Tripura University. A total of 56 applicants were selected for participation. Out of which 41 participants completed the training programme successfully. Out of which 29 participants were from different affiliated colleges under Tripura University, 01 from State of Jharkhand, and the rest of the 11 participants were from Tripura University.

A total of 33 resource persons delivered lectures in the programme. This includes 23 persons from different organisations outside the Tripura University. Prominent among them are Professor M. D. Jahagirdar, Retired Professor, BAM University; Professor Sadhana Pande, Registrar, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra); Prof. **Promod Kumar, Registrar, JNU, Delhi**; Prof. Nandkumar Naik, Emeritus Professor (Public Administration), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra); Prof. Mandar Bhanushe, Mumbai University, Maharashtra; Shri. B. R. Shankaranandji, Bhartiya Shikshan Mandal, Nagpur, Maharashtra and other reputed personnel. There were a total of 78 hours in the programme.

The breakup is as follows-

Lecture	-	3 Hours
Presentation by Participants	-	12 Hours
Inaugural and Valedictory	-	03 Hours

In order to develop the skills of the participants, presentation by the participants were organized and the presentation sessions were chaired by the experts. A blind feedback form about the lectures delivered by

the resource personnel was collected from the participants. The participants expressed their satisfaction about the quality of lectures delivered by the experts and the arrangements. The options were poor, satisfactory, good, very good and excellent and the reason for such grading. After analysing the feedbacks, it was observed that 5% lectures were poor, 10% were satisfactory, 28% were good, 40% were very good and 17% were excellent. Hence 85% of the lectures were good and about. Thus it shows that the participants are benefited by attending this Refresher Course.

PROGRAMME NO:009

15 Day Refresher Course titled “Science and Technology for Social Development” of Faculty in Universities / Colleges / Institutes held during 11th September, 2019 to 25th September, 2019

The Faculty Development Centre (FDC), Tripura University decided to organize a Refresher Course for Faculties serving in Universities / Colleges / Institutes, during 11th September, 2019 to 25th September, 2019

The notification along with the format for application was uploaded to the Tripura University website as well as the same was circulated to different colleges and Universities, within the state and at the national level.

The programme was inaugurated by Professor Basheer Ahmed Khan, Ex-VC, SKM University, Doomka. The occasion was graced by Professor Sangram Sinha, Hon’ble Vice Chancellor (Acting) and Professor Badal Kumar Datta, Coordinator of Faculty Development Centre. The vote of thanks was given by Professor Binod Chandra Tripathy, Programme Coordinator of Faculty Development Centre (FDC) of Tripura University. The Valedictory function was held on 25 September, 2019. Professor Ajai Krishna Saha, Dept. of Botany, Tripura University was the Guest of Honour of the programme. The Programme was presided over by the Prof. Anjan Mukherjee, former Co-ordinator, Faculty Development Centre, Tripura University. A total of 59 applicants were selected for participation. Out of which 51 participants completed the training programme successfully. Out of which 33 participants were from different affiliated colleges under Tripura University, 2 from State of West Bengal, 1 from New Delhi, 1 from Maharastra and the rest of the 14 participants were from Tripura University.

A total of 28 resource persons had delivered lectures in the programme covering the 12 selected modules. This includes 14 persons from different organisations outside the Tripura University. Prominent among them are Prof. Chhanda Chatterjee, Dept. of History, New Delhi; Prof. Basheer Ahmed Khan, Ex-VC, SKM University, Doomka; Prof. Anilava Kaviraj, Dept. of Zoology, University of Kalyani; Prof. Amar Kumar Chandra, **Dept. of Physiology, Calcutta University;** Prof. Somnath Gangopadhyay, **Dept. of Physiology, Calcutta University;** Prof. Arjun G Chavan, Pune, Maharashtra; Prof. Debabrata Debnath, **Dept. of Education,** University of Gourbanga and other reputed personnel. There were a total of 69 hours programme was conducted.

The breakup is as follows-

Lecture	-	48 Hours
Presentation by Participants	-	18 Hours
Inaugural and Valedictory	-	3 Hours

In order to develop the skills of the participants, presentation by the participants were organized and the presentation sessions were chaired by the experts. The normal feedback from the participants was collected. The participants expressed their satisfaction about the quality of lectures delivered by the experts and the arrangements. A blind feedback form about the lectures delivered by the resource personnel was collected from the participants. The options were poor, satisfactory, good, very good and excellent and the reason for such grading. After analysing the feedbacks, it was observed that 3% lectures were poor, 7% were satisfactory, 31% were good, 44% were very good and 15% were excellent. Hence 90%

of the lectures were good and about. Thus it shows that the participants are benefited by attending this Refresher Course.

PROGRAMME NO:010

Two Week Refresher Course titled “Advanced Methods in Teaching and Research” for Faculty in Universities / Colleges / Institutes held from 11th February to 24th February, 2020

The Faculty Development Centre (FDC), Tripura University decided to organize a Refresher Course for Faculties serving in Universities / Colleges / Institutes, **from 11th February to 24th February, 2020**

The notification along with the format for application was uploaded to the Tripura University website as well as the same was circulated to different colleges and Universities, within the state and at the national level. The information was also sent by email attachment to the earlier participants for information and circulation among their friends.

The programme was inaugurated by Professor Mahesh Kumar Singh, Honourable Vice- Chancellor, (Acting). Prof. Subhra Chakraborty, National Institute of Plant Genome Research (NIPGR), JNU Campus, New Delhi graced the occasion as chief-guest. Professor Badal Kumar Datta, Coordinator of Faculty Development Centre of Tripura University welcomed the gathering. The vote of thanks was offered by Professor Binod Chandra Tripathy, Programme Coordinator, FDC, Tripura University. The Valedictory function was held on 24th February, 2020. The Programme was presided over by the Professor Ajai Krishna Saha, Dept. of Botany, Tripura University. A total of 113 applicants were selected for participation. Out of which 83 participants completed the training programme successfully. Out of which 52 participants were from different affiliated colleges under Tripura University. Among the participants from other states, 20 from West Bengal, 3 from Manipur, 3 from Assam, 1 from Arunachal Pradesh, 1 from Uttar Pradesh and the rest of the 3 participants were from Tripura University.

A total of 23 resource persons delivered lectures in the programme. This includes 8 persons from different organisations outside the Tripura University. Prominent among them are Prof. Subhra Chakraborty, National Institute of Plant Genome Research (NIPGR), JNU Campus, New Delhi; Prof. Krishnamurthy Prabhakar, Dept. of Management and Head-Research Initiatives, Centre for Social Initiatives and Management, Chennai; Prof. Manabendra Datta Choudhury, Dept. of Life Science & Bioinformatics, Assam University, Silchar; Prof. Amar Kumar Chandra, **Dept. of Human Physiology, Calcutta University**; **Prof. Sudhir Pratap Singh, Dept. of Hindi, CIL, JNU, Delhi**; Prof. Bishnupada Nanda, Dept. of Education, Jadavpur University; Prof. A. K. Saha, **Dept. of Botany**, Tripura University; Prof. Anjan Mukherjee, Dept. of Mathematics, Tripura University and other reputed personnel. There were a total of 68 hours programme was conducted.

The breakup is as follows-

Lecture	-	48 Hours
Presentation by Participants	-	16.5 Hours
Inaugural and Valedictory	-	3.5 Hours

In order to develop the skills of the participants, presentation by the participants were organized and the presentation sessions were chaired by the experts. The normal feedback from the participants was collected. A blind feedback form about the lectures delivered by the resource personnel was collected from the participants. The options were poor, satisfactory, good, very good and excellent and the reason for such grading. The participants expressed their satisfaction about the quality of lectures delivered by the experts and the arrangements. After analysing the feedbacks, it was observed that 2% lectures were poor, 7% were satisfactory, 30% were good, 41% were very good and 20% were excellent. Hence 91% of the lectures were good and about. Thus it shows that the participants are benefited by attending this Refresher Course

PHOTO GALLERY



Prof. Subhra Chakraborty, Chief Guest, Prof. M. K. Singh, Hon'ble Vice Chancellor, T. U., Prof. B. K. Datta, Coordinator, FDC, TU & Prof. B. C. Tripathy, Program Coordinator, FDC, TU lighting the lamp in the inaugural function of the Two Week Refresher Course held from 11th -24th Feb, 2020.



Prof. M. K. Singh, Hon'ble Vice Chancellor (Acting), T. U. addressing in the inaugural function of the Two Week Refresher Course held from 11th -24th Feb, 2020.



Distribute a certificate to a participant by the Prof. A. K. SAha, Dept. of Botany, TU



Group Photo of the participants with FDC members







**University
Finances
And
Annual
Accounts**

Income & Expenditure Account for the year ended 31st March, 2020

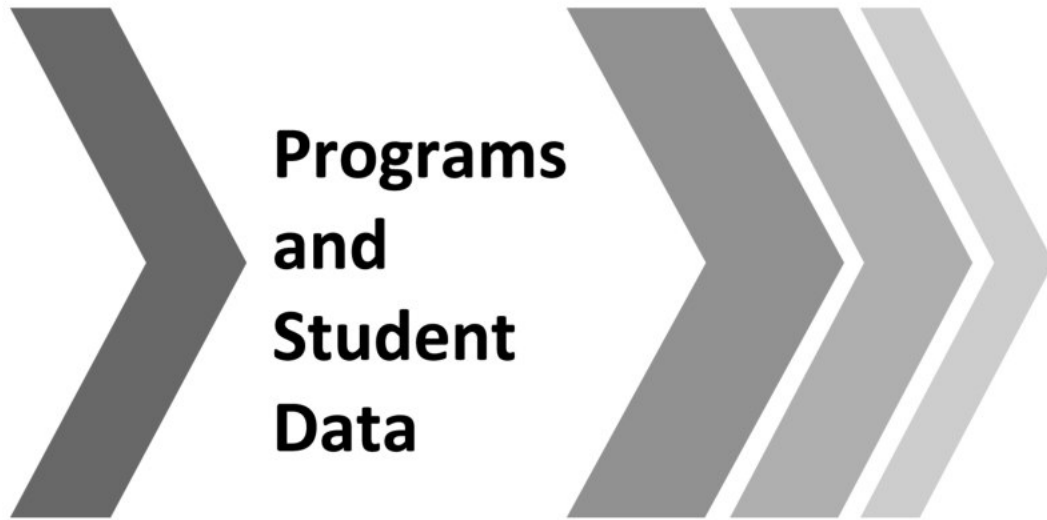
<i>(Amount in Rupees)</i>			
Particulars	Schedule No.	Current Year	Previous Year
INCOME			
ACADEMIC RECEIPTS	9	122,467,324.50	106,606,573.82
GRANTS/SUBSIDIES	10	664,179,980.25	497,979,282.58
INCOME FROM INVESTMENTS	11	23,281,782.37	30,914,671.00
INTEREST EARNED	12	5,384,741.00	12,951,658.00
OTHER INCOME	13	2,545,585.01	6,616,766.00
PRIOR PERIOD INCOME	14	-	1,089,056.00
TOTAL (A)		817,859,413.13	656,158,007.40
EXPENDITURE			
STAFF PAYMENT & BENIFITS (ESTABLISHMENT EXPENSES)	15	538,162,317.00	794,367,787.00
ACADEMIC EXPENSES	16	20,693,773.00	29,256,645.00
ADMINISTRATIVE & GENERAL EXPENSES	17	100,709,330.36	113,703,222.65
TRANSPORTATION EXPENSES	18	2,393,614.00	3,936,807.00
REPAIR & MAINTENANCE	19	2,133,940.00	13,022,768.00
FINANCE COST	20	87,005.89	56,270.86
OTHER EXPENSES	21	-	-
PRIOR PERIOD EXPENDITURE	22	-	-
DEPRECIATION	4	103,146,366.91	106,363,539.91
TOTAL (B)		767,326,347.16	1,060,707,040.42
Balances being excess of Income over Expenditure (A-B)		50,533,065.97	-404,549,033.02
Transfer To/-From Designated Fund		-	-
Building Fund		-	-
Balance Being Surplus/(Deficit) Carried to Capital Fund		50,533,065.97	-404,549,033.02
Significant Accounting Policies	23	-	-
Contingent Liabilities & Notes to Accounts	24	-	-

Receipts & Payments Account for the year ended 31st March, 2020

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
I. Opening Balances			I. Expenses		
a) Cash in Hand			a) Establishment Expenses	515,904,777.00	483,374,013.00
b) Bank Balances			b) Academic Expenses	20,087,336.00	27,047,136.00
I) In Savings Accounts	344,446,055.04	355,746,088.04	c) Administrative Expenses	80,627,475.36	106,118,041.49
II) In Current Accounts	3,104,021.00	3,104,021.00	d) Transportation Expenses	2,234,802.00	3,687,155.00
III) In Deposit Accounts	414,313,278.85	440,834,204.85	e) Repair & Maintenance	1,935,191.00	13,014,368.00
II. Grants Received			f) Finance Cost	87,005.89	56,495.61
a) From Government of India (Including UGC)	787,350,768.00	426,705,000.00	g) Prior Period Expenses		
b) From State Government		-	II. Payments against Earmarked / Endowment Funds	-	265.50
c) From Other Sources		-	III. Payments against Sponsored Projects / Schemes	24,175,827.66	28,476,962.13
III. Academic Receipts	130,213,258.50	118,921,394.82	IV. Payments against Sponsored Fellowships/ Scholarships	5,226,951.00	7,095,919.00
IV. Receipts against Earmarked / Endowment Funds		-	V. Investments and Deposits Made		
V. Receipts against Sponsored Projects / Schemes	40,874,235.00	72,365,594.00	a) Out of Earmarked / Endowment Funds		-
VI. Receipts against Sponsored Fellowships / Scholarships	1,651,562.00	5,122,944.00	b) Out of Funds (Investments-Others)		-
VII. Income from Investments			VI. Term Deposits with Scheduled Banks		-
a) From Earmarked / Endowment Funds	114,810.00	126,625.00	VII. Expenditure on Fixed Assets and Capital Work in Progress & Advances		
b) Other Investments		-	a) Fixed Assets	25,672,287.31	43,851,943.34
VIII. Interest Received			b) Capital Work in Progress		55,750,060.00
a) Bank Deposits	15,353,001.69	5,988,668.00	c) Advance on Capital Account	82,500,000.00	-
b) Loans & Advances		-	VIII. Other Payments including Statutory Payments	115,017,927.00	109,415,904.00
c) Savings Bank Accounts	5,384,741.00	12,951,658.00	IX. Refund of Grants		-
IX. Investments Encashed		-	X. Deposits & Advances	59,539,895.00	41,345,455.00
X. Term Deposits with Scheduled Banks Encashed		-	XI. Other Payments	449,965,950.00	21,412,922.00
XI. Other Income including Prior Period Income	2,545,585.01	4,384,362.00	XII. Closing Balances		
XII. Deposits & Advances	11,487,646.10	28,664,293.75	a) Cash in Hand		-
XIII. Miscellaneous Receipts including Statutory Receipts	10,899,929.00	4,393,060.00	b) Bank Balances		
XIV. Any Other Receipts	438,803,123.31	223,202,081.50	I) In Savings Accounts	317,693,601.43	344,446,055.04
			II) In Current Accounts	3,104,021.00	3,104,021.00
			III) In Deposit Accounts	502,768,966.85	414,313,278.85
Total	2,206,542,014.50	1,702,509,994.96	Total	2,206,542,014.50	1,702,509,994.96

Balance Sheet as at 31st March, 2020

<i>(Amount in Rupees)</i>			
Particulars	Sh No.	Current Year	Previous Year
<u>SOURCES OF FUND</u>			
CORPUS FUND/CAPITAL FUND	1	1,831,126,779.30	1,742,343,813.02
DESIGNATED/EARMARKED/ENDOWMENT FUNDS	2	3,062,590.98	2,593,313.98
CURRENT LIABILITIES AND PROVISIONS	3	2,154,277,306.29	1,939,793,886.41
TOTAL		3,988,466,676.57	3,684,731,013.41
<u>APPLICATION OF FUND</u>			
<u>FIXED ASSET</u>			
Tangible Assets	4	2,140,719,112.40	2,209,472,942.00
Intangible Assets		2,544,139.00	3,737,598.00
Capital Work in Progress		359,979,966.00	359,979,966.00
<u>INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</u>			
Long Term		1,196,394.85	927,107.85
Short Term		-	-
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	822,370,194.43	760,936,247.04
LOANS/ADVANCES & DEPOSITS	8	661,656,869.89	349,677,152.52
TOTAL		3,988,466,676.57	3,684,731,013.41
Significant Accounting Policies	23	-	
Contingent Liabilities & Notes to Accounts	24	-	



**Programs
and
Student
Data**

Academic Programs of the University

Programs provided by the university are listed below:

Departments/Centres/Programs running in campus are the followings:

01. Archaeology and Ancient Indian Culture (MA)
02. Bengali (MA, PhD),
03. Business Management (BBA, MBA, PhD),
04. Commerce (MCom, PhD, PG Diploma),
05. Economics (MA/MSc, PhD),
06. Education (MA, PhD),
07. English (MA, PhD),
08. Fine Arts (MFA, PhD),
09. Hindi (MA, PhD, PG Diploma)
10. History (MA, PhD),
11. Journalism and Mass Communication (MA, PhD),
12. Kokborok (PG Diploma, MA, PhD),
13. Law (LLM, PhD),
14. Liberal Arts (MA)
15. Linguistics and Tribal Languages (MA, PhD)
16. Music (MMus, PhD),
17. Performing Arts (MA)
18. Philosophy (MA, PhD)
19. Physical Education (M.P.Ed, PhD),
20. Political Science (MA, PhD),
21. Psychology (MA, PhD)
22. Rural Studies (MA, PhD),
23. Sanskrit (MA, PhD),
24. School of Education (4YRS BED, 2YRS BED)
25. Sociology (MA, PhD),
26. Tourism Administration (MTA)
27. Botany (MSc, PhD),
28. Chemical and Polymer Engineering (MTech, PhD)
29. Chemistry (MSc, PhD),
30. Computer Science and Engineering (MTech, PhD),
31. Electrical Engineering (MTech, PhD),
32. Electronics and Communication Engineering (MTech, PhD)
33. Forestry and Biodiversity (MSc, PhD),
34. Geography and Disaster Management (MSc, PhD),
35. Human Physiology (MSc, PhD),
36. Information Technology (MCA, PhD),
37. Library and Information Science (BLIS, MLIS, PhD)
38. Materials Science and Engineering (MTech, PhD)
39. Mathematics (MSc, PhD),
40. Microbiology (MSc, PhD),

41. Molecular Biology and Bioinformatics (MSc, PhD),
42. Pharmacy (M.Pharm., PhD),
43. Physics (MSc, PhD),
44. Statistics (MSc, PhD),
45. Zoology (MSc, PhD),
46. Film and Video Production (BVoc)
47. Rubber Technology (BVoc)
48. Integrated Masters' Degree Programme
49. Centre for Bamboo Cultivation and Resource Utilization (PG Diploma)
50. Centre for Study of Social Exclusion and Inclusive Policy (PG Diploma and PhD),
51. Centre for Tribal Language (PG Diploma)
52. Women's Studies Centre (PhD)

Programs available under Distance Education:

01. MA in Bengali
02. MA in Political Science
03. MA in Education
04. BA General

Student Data

DEPARTMENT OF ARCHAEOLOGY AND ANCIENT INDIAN CULTURE

Name of the Programme(s) : MA

Intake Capacity : 20

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	9	23	2	1	2	0	5	0	5	8	0	0	0	0	0	0	1	0	0	0

DEPARTMENT OF BENGALI

Name of the Programme(s) : MA, IMD, ,PhD

Intake Capacity : M.A- 90, IMD- 15, Ph.D.- As per vacancy

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
34	78	112	12	41	2	4	9	9	11	24	0	0	0	0	1	1	0	0	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
15	57	72	7	26	1	3	4	8	3	20	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF BUSINESS MANAGEMENT

Name of the Programme(s) : MBA, BBA
 Intake Capacity : 60 for MBA and 60 for BBA

Student Enrolment Semester – I (2019-20): (MBA)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
39	20	59	21	08	5	4	08	02	05	06	00	00	01	00	02	00	03	00	00	03

Student Enrolment Semester – III (2019-20) (MBA)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
42	18	60	18	08	07	07	10	01	07	02	00	00	00	01	01	02	11	01	00	00

Student Enrolment Semester – I (2019-20): (BBA)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	07	23	05	03	00	02	02	00	09	02	00	00	00	00	00	00	00	00	00	00

DEPARTMENT OF COMMERCE

Name of the Programme(s) : M.COM.
 Intake Capacity : 81

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
49	31	80	11	07	00	01	18	06	15	15	05	02	00	00	01	00	00	00	00	00

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
35	07	42	14	02	02	02	05	00	14	03	00	00	00	00	00	00	00	00	00	00

DEPARTMENT OF ECONOMICS

Name of the Programme(s) : MA/ MSc
 Intake Capacity : 26+ 15

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
22	21	43	08	12	05	01	05	01	01	06	03	01	-	-	05	01	02	03	-	-

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Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	19	29	04	04	-	-	01	01	05	14	-	-	-	-	-	-	01	01	-	-

DEPARTMENT OF EDUCATION

Name of the Programme(s) : MA

Intake Capacity : 20

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13	17	30	1	6	3	1	2	5	6	4	1	1	0	1	0	0	0	0	0	1

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
8	13	21	0	3	2	1	1	3	5	6	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF ENGLISH

Name of the Programme (s) : MA English

Intake Capacity : 100+15 (from IMD)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
48	53	101	20	27	01	02	05	09	18	14	04	01	0	0	02	01	0	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
50	45	95	10	12	14	11	07	05	19	17	0	0	0	0	0	01	03	00	0	0

DEPARTMENT OF FINE ARTS

Name of the Programme(s) : MFA

Intake Capacity : 26

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13	02	15	06	01	07	00	01	00	00	00	00	00	00	01	00	00	01	00	00	00

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
09	05	14	04	03	04	02	01	00	00	00	00	00	00	00	00	00	00	06	02	00	00

DEPARTMENT OF HINDI

Name of the Programme(s) : MA
Intake Capacity : 25

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
08	06	14	3	2	1	1	2	0	2	3	0	0	0	0	0	0	2	0	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
01	14	15	0	2	0	1	0	2	1	9	0	0	0	0	0	0	0	0	0	0

Name of the Programme(s) : PGDT(H)
Intake Capacity : 30

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	08	11	0	3	1	2	2	3	0	0	0	0	0	0	0	0	2	0	0	0

DEPARTMENT OF HISTORY

Name of the Programme (s) : MA in History
Intake Capacity : MA (80)& IMD (20)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
35	44	79	08	08	01	02	03	05	22	28	01	01	00	00	00	00	01	00	00	00

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
22	22	44	06	05	02	03	03	00	11	14	00	00	01	00	01	00	01	03	00	00

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Name of the Programme(s) : MA in Journalism and Mass Communication
 Intake Capacity : 20

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
05	05	10	05	04	0	0	0	0	0	01	0	0	0	0	0	0	0	0	0	0	01

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
07	05	12	6	5	0	0	0	00	01	0	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF KOKBOROK

Name of the Programme(s) : MA
 Intake Capacity : 60

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
31	30	61	-	-	-	01	-	-	31	29	-	-	-	-	-	-	-	-	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
23	38	61	-	-	-	-	-	-	23	38	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF LAW

Name of the Programme(s) : LL.M (one year)
 Intake Capacity : 15

Student Enrolment Semester – I(2019-20):17

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
5	12	17	2	4	2	1	1	4	0	3	0	0	-	-	-	-	-	-	-	-

DEPARTMENT OF LIBERAL ARTS

Name of the Programme(s) : M.A in Liberal Arts
 Intake Capacity : 20

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
02	11	13	02	01	00	01	00	00	00	09	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF LINGUISTICS AND TRIBAL LANGUAGES

Name of the Programme(s) : M.A
Intake Capacity : 20

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
09	10	19	-	-	-	-	-	-	09	10	-	-	-	-	-	-	-	-	-	-

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07	04	11	01	-	-	-	01	-	05	04	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF MUSIC

Name of the Programmer(s): MA
Intake Capacity : 40

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	38	41	1	13	0	7	1	3	1	15	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
08	27	35	3	9	2	4	0	1	3	13	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF PERFORMING ARTS

Name of the Programme(s) : MA in of Performing Arts
Intake Capacity : 20

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	9	23	6	3	0	4	4	1	4	1	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF PHILOSOPHY

Name of the Programme(s) : M.A
Intake Capacity : 95

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
32	51	83	6	14	6	9	4	5	15	23	0	0	1	0	0	0	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
18	33	51	2	4	3	7	1	0	12	22	0	0	0	0	0	0	0	0

DEPARTMENT OF PHYSICAL EDUCATION

Name of the Programme(s) : M.P.Ed

Intake Capacity : 40

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
26	16	42	01	05	05	02	04	03	15	05	01	01	-	-	-	-	13	06	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
30	09	39	2	2	11	5	10	0	7	2	0	0	0	0	4	0	23	7	0	0

DEPARTMENT OF POLITICAL SCIENCE

Name of the Programme(s) : M.A.

Intake Capacity : 100

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
51	53	104	11	9	3	2	7	14	30	26	0	2	0	0	2	2	1	0	0	1

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
38	27	65	05	07	04	02	03	03	26	15	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF PSYCHOLOGY

Name of the Programme(s) : MA Psychology; PhD Psychology

Intake Capacity for MA Psychology : 30 [Including EWS]**

Intake capacity for PhD Psychology : As per UGC rule

MA Psychology Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	25	28	00	15	00	02	01	03	02	04	00	01	00	00	01	05	00	05	00	00

** Intake capacity was 20 + 2 EWS but increased to 30 for 2019 MA admission as special case with permission from the then VC

MA Psychology Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	07	10	00	00	02	02	00	00	01	05	-	-	00	00	00	03	00	00	00	00

DEPARTMENT OF RURAL STUDIES

Name of the Programme(s) : Masters of Rural Studies (MRS)

Intake Capacity : 40 and 10 percent of seat capacity which is 04, hence total 44

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
24	17	41	06	07	02	00	04	03	09	05	03	02	00	00	00	00	00	00	00	00

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	20	36	02	06	02	01	00	01	12	12	00	00	00	00	00	00	00	00	00	00

DEPARTMENT OF SANSKRIT

Name of the Programme(s) : M.A.

Intake Capacity : 80+08 (EWS)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
8	55	63	2	7	4	17	1	12	0	18	1	1	0	0	0	0	1	-	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	34	44	04	04	03	05	02	05	01	20	00	00	00	00	00	00	00	00	00	00

DEPARTMENT OF SOCIOLOGY

Name of the Programme(s) : M.A

Intake Capacity : 22

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
8	19	27		2		1			7	16	1	-	-	-	-	-	-	-	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07	09	16																		
			2		-	-	-	-	7	7	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF TOURISM ADMINISTRATION

Name of the Programme(s) : MTA

Intake Capacity : 24

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
18	06	24																		
			05	04	02	01	01	01	10	0	0	0	0	0	0	0	0	0	0	0

SCHOOL OF EDUCATION

Name of the Programme(s) : 4 Years Integrated BA/ B Sc B Ed Course

Intake Capacity : 50

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
22	16	38																		
			7	4	-	1	3	5	11	5	1	1	-	-	-	-	-	-	-	-

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
18	30	48																		
			8	11	2	1	5	7	3	11	-	-	-	-	-	-	-	-	-	-

Name of the Programme(s) : 2 Years B Ed Course

Intake Capacity : 50

Student Enrolment Semester – 1

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
28	21	49																		
			7	4	6	4	4	4	7	7	4	2	-	1	-	-	-	-	-	-

DEPARTMENT OF BOTANY

Name of the Programme(s) : M.Sc.

Intake Capacity : 28

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	16	26																		
			07	06	00	01	01	03	01	05	01	01	00	00	00	02	03	02	00	00

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13	14	27	06	04	03	03	01	03	04	03	00	00	00	00	00	00	06	07	00	00

DEPARTMENT OF CHEMICAL & POLYMER ENGINEERING

Name of the Programme(s) : M.Tech.

Intake Capacity : 15

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	1	2		1			1	-	-	-	-	-	-	-	-	-	-	-	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
5	2	7	1		3	2			1	-	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF CHEMISTRY

Name of the Programme(s) : M. Sc. in Chemistry

Intake Capacity : 35

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
24	15	39	8	9	4	3	7	1	3	1	2	1	1	0	0	0	6	5	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
19	10	29	11	6	3	2	5	1	0	1	-	-	1	0	0	0	0	1	0	0

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Programme(s) : M.Tech

Intake Capacity: 15(Session : 2019-20)

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
4	8	12	3	6	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
3	11	14	1	6	2	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF ELECTRICAL ENGINEERING

Name of the Programme(s) : M.Tech. in Electrical Engineering

Intake Capacity : 18+2 (EWS)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
11	7	18	3	6	2	0	2	1	4	0	0	0	0	0	0	0	02	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
8	5	13	3	3	0	0	3	1	2	1	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENGINEERING

Name of the Programme(s) : M. Tech in Electronics and Communication Engineering

Intake Capacity : 15

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	04	07	01	01	02	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
04	08	12	02	-	01	03	01	03	0	02	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF FORESTRY AND BIODIVERSITY

Name of the Programme(s) : M.Sc. in Forestry and Biodiversity

Intake Capacity : 25 (Twenty Five)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
11	15	26	04	03	00	04	02	01	05	05	-	02	01	-	-	-	01	04	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
08	08	16	01	03	01	01	02	01	04	03	-	-	-	-	-	-	-	01	-	-

DEPARTMENT OF GEOGRAPHY AND DISASTER MANAGEMENT

Name of the Programme(s) : M.A. / M.Sc.

Intake Capacity : 26

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	11	27	2	1	3	0	6	1	5	9	-	-	-	-	-	-	11	-	-	-

**** Two Students are enrolled under Supernumerary seats i.e. Rank holder of Tripura University (UG Programme).**

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	7	23		3	2		5		9	4	-	-	-	-	-	-	7	-	-	-

DEPARTMENT OF HUMAN PHYSIOLOGY

Name of the Programme(s) : M.Sc.

Intake Capacity : 29

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	19	33	03	08	03	01	03	03	03	06	02	01	-	-	-	-	-	-	-	-

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07	17	24	02	06	02	04	01	03	02	04	-	-	-	-	-	-	-	-	-	-

DEPARTMENT OF INFORMATION TECHNOLOGY

Name of the Programme(s) : MCA

Intake Capacity : 45

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
06	02	08	3	2	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
06	00	06	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0

Student Enrolment Semester – V(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	03	06	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Programme(s) : Bachelor of Library and information Science (B.Lib.I.Sc) 2 Semesters
 Master of Library and information Science (M.Lib.I.Sc) 2 Semesters

Intake Capacity : B.Lib.I.Sc-22 (2 EWS)
 M.Lib.I.Sc.-22 (2EWS)
 Ph. D.-02

Student Enrolment Semester – I (B.Lib.I.Sc)(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
6	14	20	1	3	1		3	5	7	-	-	-	-	-		1	1	-	-	

Student Enrolment Semester – I(M.Lib.I.Sc) (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
11	11	22	2	1	1	3	6	7	-	2	-	-	-	-	-	-	-	-	-	

DEPARTMENT OF MATERIAL SCIENCE AND ENGINEERING

Name of the Programme(s) : M.Tech. (Material Science and Engineering)
 Intake Capacity : 17

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
5	4	9	4	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
2	1	3	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	

DEPARTMENT OF MATHEMATICS

Name of the Programme(s) : M.Sc. in Mathematics
 Intake Capacity : 50(Fifty) + 5(EWS)

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
42	13	55	19	6	11	2	10	3	1	0	1	2	0	0	2	2	0	1	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
26	07	33	15	02	07	04	04	00	00	01	00	00	00	00	00	00	00	00	00	00

DEPARTMENT OF MICROBIOLOGY

Name of the Programme(s) : M.Sc. Microbiology
 Intake Capacity : 25

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13	19	32	05	10	00	02	04	01	04	04	00	02	00	00	00	01	07	13	00	00

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07	09	16	02	04	01	02	01	00	03	03	00	00	00	00	00	00	02	03	00	00

DEPARTMENT OF MOLECULAR BIOLOGY & BIOINFORMATICS

Name of the Programme(s) : M.Sc. in Molecular Biology and Bioinformatics
 Intake Capacity : 18

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13	13	26	8	10	Nil	1	1	1	2	Nil	2	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	5	14	4	3	2	1	1	Nil	2	1	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	4	3

DEPARTMENT OF PHARMACY

Name of the Programme(s) : M. Pharm in Pharmaceutical Chemistry.
Intake Capacity : 12

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
09	01	10	5	0	3	0	1	1	0	0	0	0	0	0	2	0	5	0	0	0

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
05	02	07	1	0	1	0	1	1	2	1	0	0	0	0	0	0	1	0	0	0

DEPARTMENT OF PHYSICS

Name of the Programme(s) : M.Sc. in Physics
Intake Capacity : 28

Student Enrolment Semester – I(2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
18	11	29	09	05	02	01	04	02	02	01	01	02	00	00	01	00	01	02	00	00

Student Enrolment Semester – III(2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
19	08	27	7	4	5	3	5	0	2	1	0	0	0	0	1	0	2	0	0	0

DEPARTMENT OF STATISTICS

Name of the Programme(s) : M.Sc. in Statistics
Intake Capacity : 19

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	5	19	10	3	1	2	3	0	0	0	0	0	0	0	0	1	3	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	2	12	2	1	7	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF ZOOLOGY

Name of the Programme(s) : M.Sc.
Intake Capacity : 26

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	16	26	4	10	0	1	2	2	4	3	0	0	0	0	0	0	0	4	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14	16	30	4	9	1	0	2	2	5	3	2	2	1	0	0	0	5	8	0	0

DEPARTMENT OF B.VOC FILM AND VIDEO PRODUCTION

Name of the Programme(s) : B. Voc in Rubber Technology
Intake Capacity : 50

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
18	01	19	3	0	7	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	02	12	4	0	1	0	1	2	4	0	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – V (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07	00	07	1	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF B.VOC RUBBER TECHNOLOGY

Name of the Programme(s) : B. Voc in Rubber Technology
Intake Capacity : 50

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	05	22	07	03	04	02	02	00	03	01	0	0	0	0	0	0	0	0	0	0

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Student Enrolment Semester – III (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
06	04	10	01	01	01	01	00	00	04	02	0	0	0	0	0	0	0	0	0	0

Student Enrolment Semester – V (2019-20)

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	02	05	00	02	00	00	01	00	02	00	0	0	0	0	0	0	0	0	0	0

DEPARTMENT OF INTEGRATED MASTER'S DEGREE

Name of the Programme(s) : Integrated Master Degree

Intake Capacity : 182

Student Enrolment Semester – I (2019-2020):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
74	71	145	16	25	01	06	08	07	49	33	0	0	-	-	-	-	-	-	01	-

Student Enrolment Semester – III (2019-2020):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
45	34	79	07	08	05	03	03	02	30	21	0	0	-	-	-	-	-	-	-	-

Student Enrolment Semester – V (2019-2020):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
55	44	99	10	12	07	03	05	03	33	26	0	0	01	-	02	-	-	-	-	02

CENTRE FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY (CSSEIP)

Name of the Programme(s) : Post Graduate Diploma in Tribal & Ethnic Studies (PGDTES)

Intake Capacity : 26

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	13	23	1	0	0	0	2	0	07	13	0	0	0	0	0	0	01	0	0	0

CENTRE FOR TRIBAL LANGUAGES

Name of the Programme(s) : PG Diploma in Kokborok

Intake Capacity : 100

Student Enrolment Session (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
06	27	33	-	-	01	-	-	-	05	27	-	-	-	-	-	-	-	-	-	-

WOMEN'S STUDIES CENTRE

Name of the Programme(s) : PhD

Intake Capacity : 2

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

DIRECTORATE OF DISTANCE EDUCATION

A. Name of the Programme(s) : BA

Intake Capacity : No Limit

Student Enrolment Semester – I(2019-20):

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
818	659	1477	282	263	183	173	178	136	175	87	-	-	01	10	20	24	00	00	00	00

Student Enrolment Semester – III(2019-20)

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
621	486	1108	200	181	170	124	128	110	123	71	-	-	02	05	21	12	00	00	00	00

Student Enrolment Semester – V(2019-20)

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
681	450	1122	242	154	167	101	175	100	97	95	-	-	11	01	27	29	00	00	00	00

B. Name of the Programme(s) : MA in Political Science.

Intake Capacity : 700

Student Enrolment Semester – I (2019-20):

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
351	320	671	72	102	69	51	64	58	146	109			02	00	11	09	00	00	00	00

Student Enrolment Semester – III (2019-20):

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
125	93	218	33	29	25	22	19	19	48	23	-	-	00	00	04	03	00	00	00	00

C. Name of the Programme(s) : MA in Bengali
Intake Capacity : 700

Student Enrolment Semester – I (2019-20):

M	F	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
282	481	763	86	152	71	105	67	104	58	120	-	-	01	00	12	11	00	00	00	00

Student Enrolment Semester – III (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
190	333	523	43	123	40	72	59	62	48	76	-	-	02	01	06	10	00	00	00	00

D. Name of the Programme(s) : MA in Education.
Intake Capacity : 700

Student Enrolment Semester – I (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
281	344	625	101	155	55	84	67	67	58	38	EWS*		07	01	08	11	00	00	00	00

Student Enrolment Semester – III (2019-20):

Male	Female	Total	Gen		OBC		SC		ST		EWS*		PH (Out of Total)		Minority		Outside State		Outside Country	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
118	138	256	43	71	34	28	26	25	15	14	-	-	00	02	05	03	00	00	00	00



**Affiliated
Colleges of
Tripura
University**

Affiliated General Degree Colleges of Tripura University

Sl.No.	Name of College
1	Adwaita Malla Barman Smriti College, Amarpur
2	B.R. Ambedkar College, Fatikroy
3	Bhavans Tripura College of Science & Technology, Anandanagar
4	Dasaratha Dev Memorial College, Khowai
5	Government Degree College, Dharmanagar
6	Government Degree College, Gandacherra
7	Government Degree College, Kamalpur
8	Government Degree College, Khumulwng
9	Government Degree College, Kanchanpur
10	Government Degree College, Longtarai Valley
11	Government Degree College, Santirbazar
12	Government Degree College, Teliamura
13	Holy Cross College, Jubatara
14	Ishwar Chandra Vidyasagar College, Belonia
15	Kabi Nazrul Mahavidyalaya, Sonamura
16	Micheal Madhusudhan Datta College, Sabroom
17	National Institute of Electronics & IT (NIELIT)
18	Netaji Subhas Mahavidyalaya, Udaipur
19	Rabindranath Thakur Mahavidyalaya, Bishalgarh
20	Ramkrishna Mahavidyalaya, Kailasahar
21	Ramthakur College, Agartala
22	Swami Vivekananda Mahavidyalaya, Mohanpur
23	Tripura State Academy of Tribal Culture
24	Tripura Tribal Folk Music College
25	Women's College, Agartala

Affiliated Professional Colleges of Tripura University

Sl.No.	Name of College
1	Agartala Government Medical College, Agartala
2	Bhavan's Tripura College of Teachers Education, Narsingarh
3	Bhavans Tripura Teacher Training College, Ananadanagar
4	Bharat Pharmaceutical Technology, Agartala
5	College of Teacher Education, Kumarghat
6	College of Veterinary Science & Animal Husbandry, R.K. Nagar
7	Dhalai District Polytechnic, Ambassa
8	Gomati District Polytechnic
9	Government College of Arts & Crafts, Gurkhabasti
10	Holy Cross College (Department of Teacher Education)
11	Institute of Advanced Studies in Education, Kunjaban, Agartala
12	North Tripura District Polytechnic, Dharmanagar
13	Regional College of Physical Education, Panisagar
14	Regional Institute of Pharmaceutical Science & Technology,(RIPSAT), Abhoynagar
15	Sachin Deb Barman Memorial Government Music College, Lichubagan
16	School & College of Nursing, TIPS , Hapania
17	Techno India Engineering College, Agartala
18	Tripura College of Agriculture, Lembucherra
19	Tripura College of Nursing, Hapania
20	Tripura Institute of Nursing Science, Durjoynagar
21	Tripura Institute of Paramedical Science, Hapania
22	Tripura Institute of Technology, Narsingarh
23	Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania
24	TTADC Polytechnic, Khumulwng
25	Women's Polytechnic , Hapania

This Annual Report has been prepared under the supervision of the following committee

Members of Annual Report Committee 2019-20

1.	Prof. Chandrika Basu Majumder	Dean of Faculty of Arts and Commerce	Chairman
2.	Prof. Sukanta Banik	Dean of Faculty of Science	Member
3.	Sri M. M. Reang	Joint Registrar	Member
4.	Sri N. Reang	Dy. Finance Officer (i/c)	Member
5.	Dr. B. Sanjay	Librarian	Member
6.	Prof. B. C. Tripathi	Director, IQAC	Member
7.	Dr. Somdev Banik	Dy. Registrar Academic (i/c)	Member
8.	Sri Muneendra Mishra	Assistant Director (Rajbhasha)	Member
9.	Sri Suman Das	Sr. Technical Assistant	Member
10.	Sri Jayanta Datta	Statistical Officer	Member-Secretary







Hon'ble Chief Minister, Shri Biplab Kumar Deb at the Inaugural Ceremony of 1st International Conference on Business Management (ICBM 2020)



Hon'ble Deputy Chief Minister, Shri Jishnu Devvarman addressing on the occasion of Birth Anniversary of Maharaja Bir Bikram Kishore Manikya Bahadur



Shri Sunil V. Deodhar, eminent social worker, addressing on the occasion of Birth Anniversary of Maharaja Bir Bikram Kishore Manikya Bahadur



Observation of 150th Birth Anniversary of Mahatma Gandhi



Observation of Constitution Day



Tree Plantation on World Environment Day



Distribution of food packets during Covid-19 pandemic



Celebration of FIT India Campaign



Celebration of Independence Day



Special Training session on Football by Spanish Coach Julio Manuel Segret Mondelo





Glimpses of 3rd International Conference on Material Science (ICMS 2020)



International Conference on Recent Advances in Mathematics and its Applications (ICRAMA 2019)



Events under Department of Information Technology



International Conference on Computer Communication and Internet of Things (ICCCIoT 2020), 03-04 February, 2020



5 Days National Workshop on Recent Trends in Quantum Computing, 23-27 September, 2019



5 Days National Workshop on Machine Learning and Artificial Intelligence, 13-17 January, 2020



2nd International Conference on Information Systems & Management Science (ISMS 2019), 06-07 December, 2019



2nd One-Week National Workshop on Emerging Tools and Technologies in Research (ETTR 2019), 05-09 November, 2019



5 Days National Workshop on Data Science and Data Mining, 10-14 February, 2020

Events under Tripura University Central Library



Events under Faculty Development Centre



Events under Hindi Cell





NSS Activities



Sports Activities





Dr. Shaon Ray Chaudhuri, Department of Microbiology, Tripura University receiving the Visitor's Award for Technology Development, 2019 from the Hon'ble President of India



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Suryamaninagar-799022,
Tripura, India

Printed by : Shobhan Printing House, Agartala

