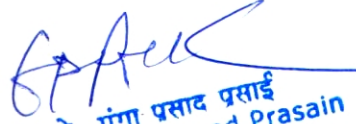




Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	TRIPURA UNIVERSITY
Name of the head of the Institution	Prof. V. L. Dharurkar
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03812379001
Mobile no.	9436122176
Registered Email	registrar@tripurauniv.in
Alternate Email	director_iqac@tripurauniv.in
Address	Suryamaninagar-799022, Tripura (West)
City/Town	Agartala
State/UT	Tripura
Pincode	799022
2. Institutional Status	


प्रो० गंगा प्रसाद प्रसाई
Prof. Ganga Prasad Prasain
कुलपति / Vice-Chancellor
त्रिपुरा विश्वविद्यालय
T pura University

University	Central
Type of Institution	Co-education
Location	Semi-urban
Financial Status	central
Name of the IQAC co-ordinator/Director	Prof. B. C. Tripathy
Phone no/Alternate Phone no.	03812379001
Mobile no.	9436122176
Registered Email	director_iqac@tripurauniv.in
Alternate Email	registrar@tripurauniv.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.tripurauniv.in/index.php/university-offices/internal-quality-assurance-cell
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4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :

<https://www.tripurauniv.ac.in>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	B	2.63	2015	15-Nov-2015	14-Nov-2020

6. Date of Establishment of IQAC

24-Nov-2010

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Awarness Programme on Quality Assurance process in Higher Education	10-Oct-2018 01	70

No Files Uploaded !!!

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Physics	FIST program2014	DST, Govt. of India	2014 1920	17500000
Chemistry	DST-FIST (Phase I)	DST, Govt. of India	2016 1920	18300000
Economics	UGC SAP DRS-II	UGC	2016 1920	830000
Physics	SAP (DRSI)	UGC, Govt. of India	2018 1825	10850000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. RET Scholarship provided to a number of Research Scholars. 2. Pre Ph.D. course work activity is running. 3. Organized a total of 77 seminars/workshops/lectures etc. 4. Number of Teachers promoted under the Carrier Advancement Scheme. 5. Facilitated the Teacher to visit Abroad for Academic Upliftment.

No Files Uploaded !!!

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes				
Introduction of SWAYAM/ NPTEL MOOCs as an elective course at PG and PrePh.D. Course Work level	Tripura University ranks among top 100 University with respect to numbers of students Qualified in SWAYAM/ NPTEL MOOCs				
Encouraging teachers to undertake research programme and major research project	There is significant increase in the number of research programme and major research project undertaken by the faculties.				
Extension of outreach activities	"(i) Solar Power System has been installed using most of the available rooftops of the buildings in the university. (ii) University has adopted 7 villages."				
Introduction of Formal Students' feedback system	Process is going on regarding introduction of Formal Students' feedback system at the end of each semester				
View File					
14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">IQAC</td> <td style="text-align: center;">02-Sep-2020</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	IQAC	02-Sep-2020
Name of Statutory Body	Meeting Date				
IQAC	02-Sep-2020				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	25-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Tripura University uses an online management information system to manage the student admission process, fee management system and hostel management system. These three functions are integrated and provide a complete range of information starting from the enrolment of an applicant into the system, issue of admit card, admission to a programme, fee submission to				

hostel management. The application is so designed to provide the University administration with a window to access individual student details in one click which is managed by a team of professionals. In addition to that, the central library uses an online book search application using KOHA which helps the readers to access any book available in the library. The department of Business Management uses on MOODLE based LMS for the teaching learning process.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
PhD or DPhil	Commerce	Commerce	09/07/2018
Mtech	IT	IT	04/01/2019
MCA	IT	IT	04/01/2019
PhD or DPhil	IT	IT	04/01/2019
Mtech	CP1001C	Chemical & Polymer Engineering	20/05/2019
Mtech	CP1005E	Chemical & Polymer Engineering	20/05/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MlibISc	Library Information Science	01/07/2018	MLIS-901C: ICT Application in Libraries, MLIS-902C : Information Systems And Networks, MLIS-903C : Research Methods, MLIS-904C ICT Application In Libraries - Practical, MLIS-905E: Information Literacy, MLIS_906E :	01/07/2018

			Community Information Services,	
PhD or DPhil	Library Information Science	01/07/2018	PHD-9001 Research Methodology I : Quantitative Methods, Computer Application and Research Ethics. PHD-9002 Research Methodology II Review and Critique of Published Research in the relevant field, training, field work, Communication skill etc PHD-9	01/07/2018
BEd	Education & Teacher Training	01/07/2018	Mathamatics, Physics, Chemistry, English, Pol. Science, History, Economics	01/07/2018
BVoc	B.Voc. in Rubber Technology	01/07/2015	BVG-101 Communication Skill, BVG-102 Basics of Computer: Words - Excel - Power Points - Social sites (Theory and Practical) , BVG-103 Concept of Business: Banking, Bank Loan, Income Tax, Maintaining of Business Journal, Ledger, Balance Sheet, RT-101	01/07/2015
BVoc	B.Voc. in Film Production	01/07/2015	Film & Video Production	01/07/2015
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	Computer Science and Engineering (Fluid Mechanics)	01/07/2018
Mtech	Computer Science and Engineering (Microprocessor)	01/07/2018
Mtech	Computer Science and Engineering (Fuzzy Topology)	01/07/2018
Mtech	Electrical Engineering (Power System Transient)	01/07/2018
Mtech	Electrical Engineering (Digital Signal Processing)	01/07/2018
Mtech	Electronics and Communication Engineering (RF and Microwave Circuit Design)	01/07/2018
Mtech	Electronics and Communication Engineering (DSP & Architecture)	01/07/2018
Mtech	Electronics and Communication Engineering (Antennas & Radiating Systems)	01/07/2018
Mtech	Electronics and Communication Engineering (Internet of Things)	01/07/2018
Mtech	Electronics and Communication Engineering (Real Time Embedded System)	01/07/2018
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BEd	Education	01/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
RT101: Basics of Rubber	01/07/2018	12
RT201: Latex Compounding: Materials	01/07/2018	12
RT301: Basics of Polymer Chemistry	01/07/2018	12

RT302: Basics of CHM-RUBber Science and Additives	01/07/2018	12
RT303: Statistical Methods	01/07/2018	12
RT401: Synthetic CHM-RUBber : General Special Purposes	01/07/2018	12
RT402: Polymer Blending : Its Importance Application	01/07/2018	12
RT501: CHM-RUBber Processing Instruments	01/07/2018	12
RT502: CHM-RUBber to Metal Bonded	01/07/2018	12
RT503: Sales Purchase	01/07/2018	12
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA (Journalism)	Project on video production	12
MBA	Summer internship	58
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	No
Teachers	No
Employers	No
Alumni	No
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>As the university has initiated to introduce the formal students' feedback system and the formal system has is yet to be finalized. However, feedback from students' on course curriculum, sports activities, library facilities, campus activity, maintenance of law and order, cleanliness of campus, computer facilities and Wi-Fi services in the campus are being collected through direct personal interaction of faculties with students. Moreover, the University authority, time to time, visits the departments and interacts directly with the students. Accordingly, the Heads are advised to follow some remedial measures, if necessary. Students have freedom to submit their grievance and suggestions to the authority directly or through the Dean of Students Welfare of the University. Based on feedback from students, the academic matters are regularly reviewed in the Departmental Committee meeting, DRC, BPGS and BFS in the presence of both external and internal members. The university has grievance</p>

redressal cell for students and employees of the university. Through this cell, University takes proper remedy for grievances of all sections of University. The Tripura University also takes overall views from Alumni Association regularly, in general and from the Departmental Alumni Association, in particular to address the department specific problems and suggestions. The University utilizes their views and suggestions in overall development of the university Normally, there is a little scope for any parent-teachers meeting in the University. However, if specific grievance/ suggestion raised by any guardian/ parents, university authority takes utmost care to redress the issue immediately which helps in the development of the university.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Music (Classical Vocal, Kathak Dance)	40	52	40
MCom	Accounting, Finance	76	176	76
LLM	Law	15	23	14
Integrated(PG)	Integrated PG Programmes	135	554	120
BLibISc	Library & Information Science	20	45	20
B.Sc.B.Ed	Geography, Mathematics, English, History, Philosophy, Political Science	50	582	50
BVoc	Film & Video Production, Rubber Technology	100	52	25
Integrated(PG)	Integrated PG Programmes	135	554	120
LLM	Law	15	23	14
MCom	Accounting, Finance	76	176	76

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	120	3023	42	169	169

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
160	160	5	42	3	3
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Faculty members in every department of Tripura University continuously monitor the students in their respective departments for the all-around development of the students. The following steps are taken to support the specific group of students: (1) Tutorial classes are held regularly and the same is reflected in the routine of every department (2) Remedial classes are conducted to assist the students who are relatively slow learners as compared to the other students in the class (3) For enhancing the employability of the students, different skill development courses are organized by the various departments (4) the NSS units in the University motivates and organizes different programs like blood donation, Health Awareness, Tree plantation Programmes, anti-drug Rally, Swachha Bharat Abhijan for exposing the student to different social benefit programs (5) University has maintained a separate cell to provide free coaching for competitive examination, in general, and the SC/ST student in particular (6) Industrial tour is conducted by many departments to acquaint their students with better industrial experience which in turn increased the employability of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2909	160	1:18

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
302	160	142	0	132

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Prof. R. K. Sinha	Professor	Recipient of Dr. Sarvepalli Radhakrishnan Life time Achievement National Award, IRDP Group. Chennai, India
2018	Shri. Harjeet Nath	Assistant Professor	Young Scientist International

			Travel Award, SERB (Dept. of Science Technology, Govt. of India)
2018	Dr. Gobinda Gopal Khan	Assistant Professor	Bhaskara Advanced Solar Energy (BASE) Fellowship, Indo-US Science and Technology Forum (IUSSTF)
2018	Prof. B.C. Tripathy	Professor	Bharat Vikas Award, Institute of Self Reliance, Bhubaneswar
2018	Dr. Shaon Ray Chaudhuri	Associate Professor	Excellence in Microscopy (Life Science), Electron Microscope society of India
2019	Dr. Shaon Ray Chaudhuri	Associate Professor	Member of National Academy of Science Allahabad
2019	Dr. Anagha Ingole	Assistant Professor	Fulbright- Nehru Post-Doctoral Fellowship Award, United States India Educational Foundation
2019	Dr. Anirban Guha	Assistant Professor	Worked as a Visiting Scientist at Massachusetts Institute of Technology (MIT), USA
2019	Dr Mrinal Kanti Bhowmik	Assistant Professor	ICMR DHR International Fellowships for Senior Indian Biomedical Scientist, Indian Council Medical Research ICMR
2019	Dr. C. Lalfakzuali	Assistant Professor	Best paper award, SOIOP
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

MSc	MSc	4th	25/05/2019	25/06/2019
MA	MA	4th	25/05/2019	25/06/2019
No file uploaded.				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
292	17720	1.64

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.tripurauniv.in/index.php/result>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
HSS	MA	HISTORY	61	61	100
HPH	MSc	HUMAN PHYSIOLOGY	22	22	100
GEO	MSc	GEOGRAPHY & DISASTER MANAGEMENT	19	19	100
HIN	MA	HINDI	13	13	100
ENG	MA	ENGLISH	61	61	100
FBS	MSc	FORESTRY & BIODIVERSITY	9	9	100
EDU	MA	EDUCATION	18	18	100
ECN	MA	ECONOMICS	18	17	94.44
STA	MSc	STATISTICS	15	15	100
BTN	MSc	BOTANY	18	18	100

[View File](#)

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[The University has yet not introduced the Student Satisfaction Survey \(SSS\) on overall institutional performance. However, the process is going on pilot basis.](#)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the	Name of the award	Date of award	Awarding agency
------	---------------------------------	-------------------	---------------	-----------------

	fellowship			
International	Dr. Anagha Ingole	Fulbright Nehru Post Doctoral Fellowship Award	22/05/2019	United States India Educational Foundation
International	Dr Mrinal Kanti Bhowmik	ICMR DHR International Fellowships for Senior Indian Biomedical Scientist	07/08/2019	Indian Council Medical Research ICMR
National	Dr. Gobinda Gopal Khan	Bhaskara Advanced Solar Energy (BASE) Fellowship	02/11/2018	IndoUS Science and Technology Forum (IUSSTF)
National	Shri. Harjeet Nath	Young Scientist International Travel Award	29/10/2018	SERB (Dept. of Science Technology, Govt. of India)
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
RET	1095	TU
ICSSR Post Doctorate	1095	ICSSR
SRF	1825	ICMR
JRF	1095	NMHS, DST SERB, NECBH, MOES, DBT, ISF UGC, ARFI, MOM, IERP, DBT Twinning, ICSSR, IUAC, TWD (Govt. of Tripura)
Project Assistant	1095	DBT
Project Assistant	1825	DBT
Research Assistnat	1095	ICMR, DBT
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	GOI: CSIR, DST, DBT, ICSSR, ISRO, ICHR, DEIT, IISWBM, MTW, MOEF, GOT: NHM, MGNREGA	2078	517
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Workshop on IPR for Students and Faculty Members	Institution Innovation Council, Tripura University	10/01/2019
No file uploaded.		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Excellence in Microscopy (Life Science)	Dr. Shaon Ray Chaudhuri	Electron Microscope society of India	01/07/2018	Teacher
Bharat Vikas Award	Prof. B.C. Tripathy	Institute of Self Reliance, Bhubaneswar	01/07/2018	Teacher
Bhaskara Advanced Solar Energy (BASE) Fellowship	Dr. Gobinda Gopal Khan	Indo-US Science and Technology Forum (IUSSTF)	02/11/2018	Teacher
Young Scientist International Travel Award	Shri. Harjeet Nath	SERB (Dept. of Science Technology, Govt. of India)	29/10/2018	Teacher
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
TUIIC	Tripura University Institution Innovation Council	Tripura University	INDIA FIRST LEADERSHIP TALK SERIES: Speaker: Shri Anand Mahindra, Chairman, Mahindra Group	Service	08/01/2019
TUIIC	Tripura University Institution Innovation Council	Tripura University	Workshop on IPR for Students and Faculty Members	Service	10/01/2019
TUIIC	Tripura University Institution Innovation Council	Tripura University	INDIA FIRST LEADERSHIP TALK SERIES. Episode 2: Livecasting: Speaker: Dr.	Service	24/01/2019

			Anand Deshpande, Founder, Chairman and Managing Director, Persistent, Systems Ltd.		
TUIIC	Tripura University Institution Innovation Council	Tripura University	INDIA FIRST LEADERSHIP TALK SERIES. Episode 3: Livecasting Speaker: Shri Ajit Doval, National Security Advisor, Govt. of India.	Service	14/02/2019
TUIIC	Tripura University Institution Innovation Council	Tripura University	IDEA Competition	Service	29/03/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Commerce	2
Economics	1
English	1
Education	2
Law	1
Philosophy	1
Political Science	5
Physical Education	1
Psychology	3
Sanskrit	2
Botany	6
Chemistry	2
Geography Disaster Management	3
Human Physiology	2
Mathematics	1
Molecular Biology Bioinformatics	1

Physics	4
zoology	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Material Science Engineering	3	4.3
International	Department of Computer Science Engineering	13	2.8
International	Department of Chemistry	1	2
International	Department of Statistics	1	1.6
National	Department of Statistics	2	1.6
International	Department of Electronics Communication Engineering	4	1.5
International	Department of Electrical Engineering	1	1.3
International	Department of Information Technology	4	1
National	Department of Commerce	7	0.75
International	Department of Mathematics	15	0.7

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Bengali	14
Department of Business Management	10
Department of Commerce	9
Department of Economics	7
Department of Education	7
Department of English	4
Department of Fine Arts	2
Department of Hindi	7
Department of History	6
Department of JMC	5

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NonInvasive Diagnostic Kit For Detection Of Urinary Tract Infection (UTI)	Filed	2018310075	27/02/2019
Natural Gum Based Nanocomposite Hydrogel Having Antibacterial And Wound Healing Effects And A Method Of Preparation Thereof	Filed	2019310086	05/03/2019
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Ene cyclization reaction in heterocycle synthesis	Saha P., Saikia A.K.	Organic and Biomolecular Chemistry	2018	5	Department of Chemistry, Tripura University, A Central University, Suryamaninagar, 799022, India Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, 781039, India	5
Conservation tillage and mulching effects on the	Yadav G.S., Das A., Lal R., Babu S., Meena R.S., Patil	Archives of Agronomy and Soil Science	2018	5	Tripura University, Tripura Centre, ICAR Research Complex	5

adaptive capacity of direct-seeded upland rice (<i>Oryza sativa</i> L.) to alleviate weed and moisture stresses in the North Eastern Himalayan Region of India	S.B., Saha P., Datta M.				for NEH Region, Tripura, Ohio State University , Columbus, OH, United States ICAR Research Complex for NEH Region, Meghalaya	
Latitudinal variation of F-region ionospheric response during three strongest geomagnetic storms of 2015	Paul B., De B.K., Guha A.	Acta Geodaetica et Geophysica	2018	5	Department of Physics, Tripura University, Suryamaninagar, India	5
Improving neighborhood search to solve the traveling salesman problem	Hore S., Chatterjee A., Dewanji A.	Applied Soft Computing Journal	2018	7	Tripura University , University of Calcutta, Indian Statistical Institute, India	7
Metagenomic insights into the microbial diversity in manganese-contaminated mine tailings and their role in biogeochemical cycling of	Ghosh S., Das A.P.	Scientific Reports	2018	7	Tripura University , (A Central University, Bioengineering and Bio Mineral Processing Laboratory , Centre for Biotechnology, Siksha o	7

manganese					Anusandhan University , Bhubaneswar, Odisha,	
Enhanced-Ant-AODV for optimal route selection in mobile ad-hoc network	Sarkar D., Choudhury S., Majumder A.	Journal of King Saud University - Computer and Information Sciences	2018	9	Department of Computer Science Engg, Tripura University (A Central University), Agartala, 799022, India	9
The formation and detection techniques of oxygen vacancies in titanium oxide-based nanostructures	Sarkar A., Khan G.G.	Nanoscale	2019	10	Tripura University (A Central University), University of Calcutta,	10
Zinc oxide nano particle inhibits the biofilm formation of Streptococcus pneumoniae	Bhattacharyya P., Agarwal B., Goswami M., Maiti D., Baruah S., Tribedi P.	Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology	2018	11	Tripura University , Don Bosco University, Assam, The Neotia University	11
Designing of Ground-Truth-Annotated DBT-TU-JU Breast Thermogram Database Toward Early Abnormality Prediction	Bhowmik M.K., Gogoi U.R., Majumdar G., Bhattacharjee D., Datta D., Ghosh A.K.	IEEE Journal of Biomedical and Health Informatics	2018	11	Tripura University , Agartala Government Medical College , Jadavpur University	11
Role of plant	Debnath B., Singh	Materials	2018	13	Department	13

alkaloids on human health: A review of biological activities	W.S., Das M., Goswami S., Singh M.K., Maiti D., Manna K.	Today Chemistry			of Pharmacy, Chemistry Human Physiology, Tripura University (A Central University), Suryanagar, Tripura 799022, India
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Chromosomal and PCR-based molecular characterization of Hedychium spp. of Tripura, North-East India	Saha K., Sinha R.K., Sinha S.	Vegetos	2019	7	8	Tripura University
Metabolic and morphological disorientations in the liver and skeletal muscle of mice exposed to hexavalent chromium	Shil K., Pal S.	Comparative Clinical Pathology	2019	7	8	Tripura University
Controlled Synthesis of Saponin-Capped Silver Nanotriangles and Their Optical Properties	Debnath B., Das R.	Plasmonics	2019	7	9	Tripura University
Author C			2019	7	7	Tripura

<p>Correction: Preparation of Lauroyl Grafted Alginate-Psyllium Husk Gel Composite Film with Enhanced Physicochemical, Mechanical and Antimicrobial Properties</p>	<p>Fernandes C., Acharya P.C., Bhatt S.</p>	<p>Scientific Reports</p>				<p>University , Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management , Mumbai</p>
<p>Low-latitude ionospheric response from GPS, IRI and TIE-GCM TEC to Solar Cycle 24</p>	<p>Rao S.S., Chakraborty M., Kumar S., Singh A.K.</p>	<p>Astrophysics and Space Science</p>	<p>2019</p>	<p>7</p>	<p>8</p>	<p>Institute of Science, Banaras Hindu University, Tripura University,</p>
<p>Solar photovoltaic panels as next generation waste: A review</p>	<p>Mishra S., Rout P.K., Das A.P.</p>	<p>Biointerface Research in Applied Chemistry</p>	<p>2019</p>	<p>7</p>	<p>7</p>	<p>Rama Devi Women's University, Tripura University</p>
<p>Structural and optoelectronic properties of cubic Mg_xZn_{1-x}Si₂Te_{1-y} semiconductor quaternary alloys-a first principles investigation</p>	<p>Ghosh D., Chanda S., Debnath B., Debbarma M., Bhatta R., Chattopadhyaya S.</p>	<p>Physica B: Condensed Matter</p>	<p>2019</p>	<p>7</p>	<p>7</p>	<p>Tripura University , Womens College, Agartala, Tripura</p>
<p>Secure image encryption scheme using high efficiency word-</p>	<p>Deb S., Biswas B., Bhuyan B.</p>	<p>Multimedia Tools and Applications</p>	<p>2019</p>	<p>7</p>	<p>7</p>	<p>North-Eastern Hill University, Tripura University,</p>

oriented feedback shift register over finite field						
Alignment-free method for DNA sequence clustering using Fuzzy integral similarity	Saw A.K., Raj G., Das M., Talukdar N.C., Tripathy B.C., Nandi S.	Scientific Reports	2019	7	7	Institute of Advanced Study in Science and Technology, Tripura University
Alignment-free similarity analysis for protein sequences based on fuzzy integral	Saw A.K., Tripathy B.C., Nandi S.	Scientific Reports	2019	7	0	Institute of Advanced Study in Science and Technology, Tripura University
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Resource persons	5	41	56	68
Presented papers	14	21	4	2
Attended/Seminars/Workshops	55	182	0	64
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Prof. Ashish Nath, Department of Economics	Asia Regional Trade and Connectivity Programme (ARTCP) Facilitating India's Act East Policy, Gap Analysis in Infrastructure at Land Custom Stations in the	ICRIER, India and DFID, UK	150000

North Eastern
Region of India.

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Not Applicable	Not Applicable	0	0
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Entrepreneurship Development Programme	Tripura Universty	3	78
Entrepreneurship Training Program	Tripura University Government of India	2	20
Digital India Programme	Tripura University Government of India	5	1281
Facebook Whatsapp Awareness	Tripura University Ank Aha Ltd. (Swaniti Initiative)	8	280
Health Check up and nutrition	Tripura University, Calcutta University, Moscow State University	7	112
Health Awarness Programme	Tripura University	4	175
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Rural reconstruction entrepreneurship Development	A project was awarded	ONGC_CSR	161
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swacch Bharat	Tripura University	Cleaniless, Awarness	35	1527
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Post Doctoral Research	1	United States India Education Office	630
Joint Collaborative Project	2	DBT, NECBH IIT Guwahati	210
Collaborative Research	2	MHRD Scholarship for Scholar	630
Collaborative Research	2	MHRD Scholarship for Scholar	720
Collaborative Research	2	MeiTy, Govt. of India	790
Collaborative Research	2	Visvesvarya PhD Scheme, MeiTy	790
GIAN Course	25	MHRD	12
Collaborative Research	2	UGC	365
Funded research project and student exchange	2	Indian Council of Medical Research (ICMR), Government of India	730
Funded research project	1	New York Institute of Technology (NYIT)	600
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic and Research	ANALYSIS OF MEDICAL INFRARED IMAGES ON OCCURRENCE OF	i. Jadavpur University, West Bengal, India. ii. ISI	25/11/2019	23/12/2019	29

	INFLAMMATORY DISEASE PATTERNS TOWARDS ABNORMALITY DETECTION/ PREDICTION AND SEVERITY ASSESSMENT IN HUMAN BODY, Sponsored By: Indian Council of Medical Research (ICMR), Government of India. ii.	Kolkata, India. iii.V isvaBharati University, Santiniketan, West Bengal, India. iv.New York Institute of Technology (NYIT), New York.			
RD	Joint Project	IIT Guwahati	29/04/2019	31/12/2019	2
collaborative project	Assessment of carbon stock and carbon sequestration potential of different land use sectors of Northeast India	AUS:Dr. Arun Jyoti Nath MU:Prof. Asha Gupta MzU:Prof. Uttam Kumar Sahoo NEHU: Dr. S. S. Chaturvedi NERIST:Dr. O. P. Tripathi RFRI:Dr. DhrubaJyotiDas SU:Dr. N Bijayalaxmi Devi	01/01/2018	31/03/2019	1
Collaborative research Collaborative research	Collaborative research	Dept of BSBE IIT Guwahati	30/04/2019	31/12/2019	2
Project work, Sharing of research facilities	Project work, Sharing of research facilities	SNBNCBS, Kolkata, UGCDAE CRS, Kolkata	10/05/2019	31/12/2019	3
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
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DBT	19/11/2018	To carryout Research Project	1
DBT	28/11/2018	To carryout Research Project	1
Department of BioTechnology, GoI	18/03/2019	To carryout Research Project	2
JNU, Molecular Medicine Department	18/09/2018	Research Collaborative Project	6
DBT	01/08/2018	To carryout Research Project	1
DBT	08/08/2018	To carryout Research Project	1
DBT	06/09/2018	To carryout Research Project	1
DBT	16/10/2018	To carryout Research Project	1
DBT	09/11/2018	To carryout Research Project	1
DBT	09/11/2018	To carryout Research Project	1
DBT	13/11/2018	To carryout Research Project	1
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
350	375.43

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KohaOpen ILMS	Partially	17.05	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	137378	97791462	2659	2208538	140037
e-Books	30907	99464839	0	0	30907	99464839
Journals	47	232295	23	71556	70	303851
Digital Database	14	0	4	976880	18	976880
CD & Video	1197	0	0	0	1197	0
Library Automation	1	75000	1	30000	2	105000

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. Shyamal Das	Advanced Phonology: Essentials of OT Module id Lings_P5_M23	INFLIBNET	01/01/2019
Prof. Shyamal Das	Advanced Phonology: Syllables and Syllabification in OT Module id Lings_P5_M25	INFLIBNET	01/01/2019
Prof. Shyamal Das	Advanced Phonology. Module id Lings_P5_M26. Module title: Phonological Processes and OT	INFLIBNET	01/01/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	350	20	3000	5	5	1	2	1	0

Added	50	0	0	0	0	0	0	0	0
Total	400	20	3000	5	5	1	2	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Not Available	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
911.28	1880.3	350	375.43

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

(a). Every science department has its own students' laboratory for giving practical knowledge of the subject concern. (b). The university has Central Instrumentation Centre (CIC) with valuable instruments/ equipment for conducting quality research. The University has NMR, AFM, SEM and many other scientific equipment for advance research. The CIC also provides services to researchers of other educational institutions. (c). We have sports Board and sports complex such as football ground, cricket ground, Badminton ground and volleyball ground. (d). Every faculty member has been equipped with computer and internet facilities. On the other hand computer Centre of the University serves the need of research scholars and students. (e). Library is equipped and provide facilities to students for borrowing books/ reading desks/ journal periodical sections along with newspaper and magazine facilities. University library in addition to hard copies of reference books and journals is also having e-books and e- journals accessible to faculties and students 24X7 through Wi-Fi. (f). Every department has been provided a smart class room with computer, internet and LCD projector.

<https://www.tripurauniv.ac.in/Page/departmentsDetailsHome/19-ResearchGroup>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Non-Net Fellowship to Ph.D. scholars	60	5760000
Financial Support from Other Sources			
a) National	Different National scholarships	1725	3447400

b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remidial Class	02/02/2019	180	TIME Coaching Centre, School of Science, Bank of India (Math Chowmuhani Branch), Holy Cross College, Agartala and Tripura University
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	NET Coaching Centre	100	0	3	0
2019	NET Coaching Centre	100	0	2	0
2019	E.O.C.	180	180	8	8
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
17	17	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
N.E. Equipment Solutions, Assam, Karvy Stock Broking Ltd.,	75	26	INDIGO , Agartala Airport, HDFC Bank , Agartala Fidelity National	28	8

Hyderabad, ICICI Bank, Nestle India, Kolkata, Basix Sub-k iTtransactio n Ltd. Gawhati			Financial India Pvt. Ltd., Bangalore Bandhan Bank , Kolkata	
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	31	Tripura University	Computer Science and Engineering, Commerce, Economics, Kokborok Business Management	Tripura University ICFAI Tripura University	Ph.D. in Computer Science, Commerce, Economics, Kokborok Business Management and MBA, PGDM

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	53
SET	34
Civil Services	4
Any Other	18
GATE	13

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket Men Students	Institutional	440
Cricket Women Students	Institutional	440
Cricket Men Staff	Institutional	77
Cricket Women Staff	Institutional	44
Football Men	Institutional	440
Chess Men and Women	Institutional	88
Carrom Men and Women	Institutional	172
Table Tennis	Institutional	62

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	World Challenger cup held at Mersin (Turkey), w.e.f. 6th to 8th July 2018.	International	1	Nil	15842	Ms. Dipa Karmakar
2018	World Cup Olympia Qualification held at Lausitz-Arena Cottbus (Germany) (V.T.) w.e.f. 22nd to 25th November, 2018	National	1	Nil	15842	Ms. Dipa Karmakar

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

There is no formal Student Council present at the University as there is no provision in the Act. However, the draft guidelines for the formation of the student council has been prepared and submitted to the competent authority for necessary perusal. Student representatives have been nominated to various internal committees of the university like- ICC, Innovation cell, Anti ragging committee, grievance cell, placement cell etc.100

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

For most of us, the years that we spent studying at Tripura University are among the happiest times of our lives. New friendships that stand the test of time, lifechanging experiences, lectures, tutorials, halls of residence, shared flats, nights on the town or in the unions and exams! Obtaining degree is particularly a special occasion, as it is the goal every student works towards. However it is not the end of the University experience. Thousands of people throughout the country and world are proud to call themselves alumni of the Tripura University. Their knowledge, achievements and expertise have been recognized in diverse fields. We aim to keep in regular touch with all of our alumni and friends through dedicated programme of reunions, events, publications and correspondence, meetings and online networking sites. We want

to hear your success stories and are here to help you keep in touch with fellow alumni and to keep you informed about whats happening here at the University. As an alumni you are part of an elite global community of successful individuals. Your Tripura University degree opened the doors of success and helped you to progress in your career. At present the support of Alumni like you towards the development of Tripura University will be vital. Whether as an ambassador, volunteer or donor, you can play an important role in helping the University to achieve its potential and helping the students of tomorrow to reach their goals. The main objectives of the TUAA are to maintain the association and to uplift the identity of Tripura University where we studied. After obtaining higher degrees many students are now working into various fields in India and abroad. The Alumni association would be the best and most suited arena to bring them together to exchange nostalgic feelings, ideas, thoughts, improve scientific knowledge time to time. To support current students with scholarships, mentoring opportunities, career panels, freshman orientation, grants for student related programs, and other activities. To provides intellectual, cultural, social networking events and honour Alumni for career accomplishments, philanthropy, and service. Arrange meetings to discuss on how to improve the Association and help the development of the University needs if possible. As a whole to work for the interests of the Tripura University, in general. Holding scientific meetings and conferences of national and international standard and to publish literature, books and journals for the fulfilment of the objects of the Association. Any Alumni member visiting and wishing to give lectures can be arranged by the Association. Public education program in various disciplines can be arranged. To open branches of the Association. To do all other activities for the fulfillment of the objects of the Association.

5.4.2 – No. of registered Alumni:

501

5.4.3 – Alumni contribution during the year (in Rupees) :

10000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Tripura University strives to Decentralize decision making and believes that, all Faculties, Nonteaching Staffs and Students are important stakeholders in the all round development of the Institutions. Delegation of Authority and dissemination of power and participative management are practiced amongst various Offices of the University. Thus the decisions related to Finance Branch is being addressed by the Finance Officer. The Examination Branch is headed and controlled by the Controller of Examination. The IQAC has been continuously monitoring and taken several initiatives for the quality assurance of the Teaching and Learning in the University and its Affiliated Colleges.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>The University follows a systematic process in the design and development of the curriculum. The curriculum of the programmes offered by the institution is designed in line with the guidelines of the regulatory authorities like UGC, ICAR, DCI, AICTE, etc., which develop national level policies in the respective field of education, research and extension etc. after a detailed need assessment survey and multi disciplinary dialogue at the national level. The developments in the disciplines concerned across the country and the changes in the policies of the government are taken into account for curriculum development process. However, the regulatory authorities offer slot for accommodating localized needs for problem solving at regional level. The university, in general, follows the following two approaches for post graduate and undergraduate curriculum respectively: Designing of Postgraduate Curriculum takes place in the following ways: Keeping in view the instructions from regulatory bodies, feedback from the external subject experts, faculty members and need of present time faculty members curriculum prepared. While preparing the curriculum of a paper, faculty considers the availability of expert and other resources. Prepared curriculum is proposed in Board of Postgraduate Studies (BPGS) of respective Departments for the consideration of the departments. The BPGS is framed with the faculty members of respective department and two subject experts of the respective subjects and also includes one industry experienced person if the subject is required so. It is formed in every department. Deliberation is made over the proposed curriculum for understanding the possible kinks. The approved curriculum by BPGS then moves to the Academic Council for approval. The Academic Council of the University chaired by the Vice Chancellor and represented by all Dean, Head of the Dept. Professors, Associate Professors, representatives of the University and nominated members</p>

thoroughly discuss the changes and development brought in the curriculum and ensures updated version in line with the global standards regional relevance. Designing of Undergraduate Curriculum For the preparation of undergraduate curriculum, there is a Board of Undergraduate Studies (BUGS), which has been formed in most of the departments. The research curriculum has been designed on consideration of following issues:

Relative Industry Experience: In the initial stage of the designing and updating the curriculum BPGS are formed in every department that includes the faculty members of respective department and two subject experts of the respective subjects and experienced person from the relative industry. So the syllabus thus framed includes all the components that are needful for the students to acquaint them with the things they need to know in order to join the relative industry.

Varied Stakeholders: The curriculum is primarily designed to orient students towards employability by varied stakeholders viz., Industries, Govt. agencies, banking sector, major agro based industries, insurance sector, etc.

Practical Training: The curriculum design ensures equal proportion of hands on practical training for skill Acquirement sound theoretical knowledge base. The students are given enough opportunities to interact with the practical field through placements in govt. and private sector as a part of course curriculum. And also sufficient theory classes are given for enhancing their theoretical knowledge.

Field Exposure: To impart exposure to field oriented problem/solving ability to students, certain practice oriented courses are encompassed in the curriculum of Science, Engineering, and few social science subjects such as Rural Management, etc.

InPlant Training: Students of technical and management courses undertake inplant or service related inhouse training and students of Arts and Science Faculties are exposed to various exposures camps. This approach give students hands on training, updated knowledge, managerial skill, practical exposure and multitasking ability in the fields of expertise concerned.

Teaching and Learning

University with its motto pursuit of excellence encourages teachers to be innovative and creative following strategies have been formulated:

- Teachers in the department provide counselling and help to the students as and when required. Students can also approach Dean, Students' welfare regarding issues connected with their academic and for psycho social guidance. A counsellor has been engaged by the University on a contractual basis.
- Faculty members continuously update themselves with the recent developments in research in their respective fields and adopt these in the teaching and research. They also use innovative teaching approaches and methods to make the classroom interactions more dialogical.
- The University encourages creativity and scientific temper among the learners by creating a conducive environment for free thinking and sharing of ideas.
- Project works are mandatory in technical and professional courses. These are undertaken under the guidance of faculty members. In MRMD, Management, Engineering, Information Technology, Geography etc. student projects are mandatory. 10 programs in the University are compulsorily undertaking the student project. University is envisaging to associate with external institutions for students project work. MRMD students visit NGO's and block level institutions of State for the project work. Faculty members are in role of facilitating such projects. The faculty member acts as a supervisor to monitor the project work. The necessary facilities required will be arranged by the department.
- The University have a well qualified pool of human resource to meet the requirements of the curriculum. However many of the teaching post are lying vacant despite several advertisement and interview processes. Visiting Professors / Visiting Fellows/ Guest Teachers / Contractual Teachers are appointed from time to time to meet the short fall in all the departments.
- Each faculty member has been provided with computer and internet facility to enable them to prepare -aided teaching / learning materials.

Examination and Evaluation

The salient features of the new and redesigned curricula are: • Semester system • Grade system • Definite and structured contents with modularization of the syllabi. • Modern exposures in the relevant topics of Science and Technology • Cocurricular and extracurricular activities included in the curriculum and made compulsory. The examination system has been designed on the basis of new curriculum The Controller of Examinations in consultation with the PG Department reformed examination system and conducts Semester System with the principal components: • Each paper of 100 marks consists of common part of short questions and two groups (GroupA and GroupB) • 20 marks of each paper is evaluated as internal assessment. • Panel of examiners, paper setters and moderators are proposed by the PG Board of Studies • Controller of Examination with the departmental supports conducts the whole examination process • Results are published within 10 days of completion of examination.

Research and Development

Research activities were always given high priority in the University but got its real momentum after its up gradation as Central University. University is always motivating and providing different facilities to the faculties and scholars to enhance their research activities. In recent time, authority has extended various essential support systems for smooth conducting of research activities for the faculties as well as students in different departments. Few are as follows ? • Extension of Facility of Communication Network to all individual teachers. • A grant of Rs 50000/? per year to all individual teachers for professional membership, participation presentation of research papers, purchasing necessary materials etc. • Providing internet facility to the out?campus faculty members and 24 hours internet facilities to in?campus faculties. • 40 kVA/6hrs ON?Line UPS connected to all the science laboratories as backup power system. • Monitoring the scholars' activity time to time by the Dean's committee. • Submission of publication information time to time. • The digitalization of the well stocked Central Library, easy

access to e?books and journals in every discipline. Research committee and interdisciplinary research: Respective department pursue the research proposal through board of Post Graduate Studies (BPGS), Board of Faculty and academic council. The names of external experts for the research activity are approved in the BPGS meeting. The Head of the department acts as the Chairman of the BPGS Committee. Dean acts as a member and 3 experts also represent from different institutions outside the University. The University promotes interdisciplinary research by allowing the faculties to formulate interdisciplinary research proposal from among its different departments/ faculties/institutions. Further it allows students to take up Ph.D. research in interdisciplinary research topics. The seminar, symposium and workshops organized by every department attract active scientists from other departments' and encourage research collaborations. The university initiated a number of interdisciplinary research programs like Physics-and chemistry, CSEEE Physics, MRMD and Commerce.

Library, ICT and Physical Infrastructure / Instrumentation

University has initiated process of promoting use eresources among the students. Computer facilities have been upgraded in the Library, Computer Centre and Girls and Boys hostels so that the students can access websites containing elearning resources. University has promoted elearning by upgrading computer facilities in the Library, Computer Centre and Girls and Boys hostels so that the students can access websites containing elearning resources. Following are the facilities available for virtual learning: • The Central Library of Tripura University has access to various scientific journals and articles published by reputed national and international publishers through UGC INFONET EJournal program provided by INFLIBNET Centre, Ahmedabad, India. Teachers and Research scholars of University make best use of this. • They also make use of INFLIBNET ISI Web of Knowledge, an academic citation indexing and search service, which is combined with web linking and provided by Thomson Reuters. Web of Knowledge coverage encompasses the

sciences, social sciences, arts and humanities. It provides bibliographic content and the tools to access, analyze, and manage research information. It has the attribute that multiple databases can be searched simultaneously. • University teachers also make use of INFLIBNET Open Journal Systems (OJS), an open source solution developed by the Public Knowledge Project through its federally funded efforts to expand and improve access to research. OJS, INFLIBNET offers a platform to host their journals. The OJS is designed for managing and publishing Scholarly Journals online. University with its motto pursuit of excellence encourages teachers to be innovative and creative following strategies have been formulated: • Providing internet facility to the out?campus faculty members and 24 hours internet facilities to in?campus faculties. • 40 kVA/6hrs ON?Line UPS connected to all the science laboratories as backup power system. • Monitoring the scholars' activity time to time by the Dean's committee. • Submission of publication information time to time. • The digitalization of the well stocked Central Library, easy access to e?books and journals in every discipline • The institution also recognises such innovative teaching by selecting Inspired Teachers who are awarded at the time of convocation by the Chief Guest. In the last convocation the inspired teachers were awarded by the Honourable President of India. • Teachers in the department provide counselling and help to the students as and when required. Students can also approach Dean, Students' welfare regarding issues connected with their academic and for psycho social guidance. A counsellor has been engaged by the University on a contractual basis. • Faculty members continuously update themselves with the recent developments in research in their respective fields and adopt these in the teaching and research. They also use innovative teaching approaches and methods to make the classroom interactions more dialogical. • The University encourages creativity and scientific temper among the learners by creating a conducive environment for

free thinking and sharing of ideas. • Project works are mandatory in technical and professional courses. These are undertaken under the guidance of faculty members. In MRMD, Management, Engineering, Information Technology, Geography etc. student projects are mandatory. 10 programs in the University are compulsorily undertaking the student project. University is envisaging to associate with external institutions for students project work. MRMD students visit NGO's and block level institutions of State for the project work. Faculty members are in role of facilitating such projects. The faculty member acts as a supervisor to monitor the project work. The necessary facilities required will be arranged by the department. • The University have a well qualified pool of human resource to meet the requirements of the curriculum. However many of the teaching post are lying vacant despite several advertisement and interview processes. Visiting Professors / Visiting Fellows/ Guest Teachers / Contractual Teachers are appointed from time to time to meet the short fall in all the departments. • Each faculty member has been provided with computer and internet facility to enable them to prepare aided teaching / learning materials. • Required number of intercom has been provided to all important tables of academic, administrative library sections. ICT implementation: Tripura university has installed a IT campus wide area network of Optical Fibre connecting all the mutually and also with the library and administrative building. Internet connectivity through NME/NKN 1Gbps BSNL link can be accessed in the campus. Wireless connectivity is available in the central library, guest house. The computer centre is equipped with latest kind of servers and networking devices. Recently, Tripura University has procured two more computer servers for backup and load balance. There is conference facility for the Head of Departments with the Honble Vice Chancellor and the Registrar. The main auditorium and two other room are having permanent facilities of using LCD to conduct seminar in large and small scale. • Some important softwares

- ORACLE, LINUX, QuarkXpress and Mathematica, Matlab, Labview were installed already for various departments of the University. Tripura University has made different efforts in order to improve its infrastructure requirements to facilitate research studies. • Infrastructure facilities like laboratory, uninterrupted power supply, internet facility, common instrumentation facility and field units to do field research, staff to maintain the lab, water facility, etc., are created by the University. • The major equipments available in University is HPLC, Satellite data, GCMS, Fluorescent Microscope, UVVIS Spectrophotometer, PCR, Gel documentation system, Atomic Force Microscope (AFM), FTIR Spectrometer and GPS Receiver, LM - 320 Magnetometer, Boltek EFM etc. • The University has received grant from the UGC (XI Plan period) and other similar bodies for development of research facilities through the schemes like UGC SAP, NonSAP, DST FIST etc. • In addition to this the University allocates budget for research in the budget heads Viz., equipments, laboratory maintenance, chemicals, glassware, maintenance of field units, etc to up keep the laboratories. • Extension of Facility of Communication Network to all individual teachers. • Financial grant per year to all individual teachers for professional membership, participation presentation of research papers, purchasing necessary materials etc.

Human Resource Management

The University is suffering from lack of adequate numbers of Faculties and also non? teaching technical staffs are short in number. With this scarcity of human resource, the University is running smoothly .For this purpose authority request teacher of one department to conduct classes in an allied department. The students of one department sometimes go to other department where teacher of that department supports the student of sister department. Technical staffs are engaged in various departments as per requirement of their service. The teachers of English department, statistics departments and mathematics departments contributes academic support to IT department and life

Science department. Teachers of Physics department support IT and computer Department. When a teacher is in leave, the periods are compensated by another fellow teacher so that students do not suffer. Whenever there is lack of some specialized teachers in a department, the HOD submits a proposal to the authority for visiting fellow from other institutes / Universities. The authority gives approval as per real time necessity. Non - teaching staffs of academic departments also give service to Registrar branch and Controller branch during the vacation.

Industry Interaction / Collaboration

• Department are doing collaborative work with other agencies/institutes/universities/Govt. Organization of national and international repute. The university is now highly benefiting through these collaboration in terms of academic and research activity getting academic, research programmes, technology Knowhow, updating knowledge. The University, has also brought in collaborative research projects from other funding sources like DST, DBT, ICMR etc. These collaborative researches have made visible changes among the faculties in terms of their ability to work in interdisciplinary concepts, increased and consistent participation in. The research activity is now diversified with respect to field of research and topics of study. The university has already been identified as distinct in biological and physical science for the database generation. • The University continuously has been engaged in various activities in collaboration with ONGC. The department of Chemistry collaborates activities with DS group and TRPC, Govt. of Tripura. Botany Department is doing collaborative work with department of Forestry, Govt. of Tripura. The university is continuously making invitations to faculties across various parts of the country and abroad. Faculties are benefited by training programmes and exchange programmes conducted through these linkages. The various departments make the lists of researchers of eminence. After discussion in departmental committee meeting, the list is finalized by the respective departments. The proposal is then

submitted to the authority. The authority explores the justification of the list and gives approval to appointment as visiting fellow/visiting teacher. The facility that the authority gives to the department to invite researchers of eminence has a good impact on academic activity of all the departments . The students get the scope to ask the fundamental questions of various topics to them and then the adjunct professor clarifies elaborately all the questions to the students. The students also come to know about new theories of technologies from adjunct professors.

Admission of Students

Admission process is initiated through advertisement in local newspaper and in University website. The registrar office collects the application and send them to respective departments for scrutiny. The department prepares a merit list on the basis of result of eligibility examination and entrance examination is conducted. The selected candidates are given a specific period to get their admission. Vacant seats are filled up according to merit list. The Government reservation policy is followed up.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Student Admission and Support	<p>Admission process is initiated through advertisement in local newspaper and in University website. The registrar office collects the application and send them to respective departments for scrutiny. The department prepares a merit list on the basis of result of eligibility examination and entrance examination is conducted. The selected candidates are given a specific period to get their admission. Vacant seats are filled up according to merit list. The Government reservation policy is followed up.</p>
Examination	<p>The salient features of the new and redesigned curricula are: • Semester system • Grade system • Definite and structured contents with modularization of the syllabi. • Modern exposures in the relevant topics of Science and Technology • Cocurricular and extracurricular activities included in the curriculum and made compulsory. The examination system has been designed on</p>

the basis of new curriculum The Controller of Examinations in consultation with the PG Department reformed examination system and conducts Semester System with the principal components: • Each paper of 100 marks consists of common part of short questions and two groups (GroupA and GroupB) • 20 marks of each paper is evaluated as internal assessment. • Panel of examiners, paper setters and moderators are proposed by the PG Board of Studies • Controller of Examination with the departmental supports conducts the whole examination process • Results are published within 10 days of completion of examination.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Mrinal Knati Bhowmik	International Conference on Pattern Recognition and Architectural Intelligence in USA	Tripura University	69119
2019	Prof. Shyamal Das	SALA 33 at A M University Poznan Polant	Tripura University	88500
2019	Samrat Hore	10th International Triennial Calcutta Symposium Probability and Statistics	Tripura University	10000
2018	Mrinal Kanti Bhowmik	IISC and IIT Delhi	Tripura University	10000
2019	Dr. Shyamal Debnath	International Conference of Mathematiciann at Rio, Brazil	Tripura University	34117
2019	Dr. Samrat Hore	International Conference on experimental Design and Analysis in Taiwan	Tripura University	48475

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	30 Days Induction Training of Faculty in Universities / Colleges / Institutes	NIL	04/09/2018	03/10/2018	24	0
2019	21 Days Refresher Course titled "Naitalim: Gandhi's Vision of Education and Present Scenario - Advanced Teaching and Research Methods" for Faculty in Universities / Colleges / Institutes	NIL	08/01/2019	28/01/2019	63	0
2019	15 Day Refresher Course titled "ICT: Improving Quality and Innovation in Higher Education" of Faculty in Universities / Colleges / Institutes	NIL	01/03/2019	15/03/2019	51	0
2018	Experien	NIL			20	0

	tical Learning, Nai Talim		04/12/2018	10/12/2018		
2018	Data Analytics using R Programming	NIL	31/07/2018	04/08/2018	17	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
30 Days Induction Training of Faculty in Universities / Colleges / Institutes	5	04/09/2018	03/10/2018	30
21 Days Refresher Course titled "Naitalim: Gandhi's Vision of Education and Present Scenario - Advanced Teaching and Research Methods" for Faculty in Universities / Colleges / Institutes	30	08/01/2019	28/01/2019	21
15 Day Refresher Course titled "ICT: Improving Quality and Innovation in Higher Education" of Faculty in Universities / Colleges / Institutes	20	01/03/2019	15/03/2019	15
Data Analytics using R Programming	17	31/07/2018	04/08/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance	Group Insurance	Accidental Insurance

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Tripura University is a Central University fully funded by MHRD. The internal financial audit is done by the Accounts and Finance Branch of the University designated officer OSD (Audit) or Assistant Registrar (Audit) and the External audit is done by Comptroller and Audit General (CAG), Government of India, Tripura Branch and audit is done every financial year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

1124000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	Yes	CAG	Yes	TU Internal Audit

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Presently, the affiliated colleges and Institutions are under the direct administrative control of the Directorate of Higher Education, Government of Tripura as all affiliated colleges are government degree colleges. University promotes the autonomy in the affiliated colleges by giving opportunity to conduct classes and examination as per their convenience by following the academic guidelines of the University. The affiliated colleges have autonomy to choose courses from online portals such as SWAYAM, E-PATHSALA, NPTEL etc. and credit will be awarded to the students as per our norms.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

When the University faces some difficulties with students, the University readily informs the matter to the parent/guardian requesting him/her to meet the authority. After a discussion with parents, the authority takes necessary action. University also makes contact with parents requesting him/her to give

some feedback/suggestion to improve the academic activities

6.5.4 – Development programmes for support staff (at least three)

Teachers are given duty leave to attend refresher courses and orientation programs in various universities. Financial support is provided to attend seminars, workshops, symposiums organized in other universities and research institutions. The teachers are encouraged with study leave to go through Post Doctoral activity in Foreign countries. The teachers are given sabbatical leave from time to time to perform research activities in a research institute over the country. An annual research grant is allotted for all individual faculty members.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

(i) Introduction of Library Information Management Systems with number of reference books increased significantly. Several online databases added including software in 2018-19 (iThenticate, Indiastat, CMIE prowess, Westlaw, capitaline plus). Moreover, 1694 documents analyzed through Anti-Plagiarism Software Urkund and iThenticate. (ii) Mentoring system taken up by all Departments for the students to increase the teacher-student contact hours, career counseling etc. (iii) Faculties are encouraged to apply for collaborative Research Programme / Research Projects.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Awarness Programme on Quality Assurance process in Higher Education	10/10/2018	10/10/2018	10/10/2018	70
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Lecture on Human Rights by Prof. V.L Dharurkar, Hon'ble Vice Chancellor,	10/12/2018	10/12/2018	25	15

Tripura University				
Women and Indian Culture by Dr. Karan Vijay Kumar Karan	14/12/2018	14/12/2018	20	5
Gender and Media by ShraddhaBelsary Kharkar	05/03/2019	05/03/2019	21	9
Gender Sensitization and Globalizationby Dr. Pradnya Devidas Deshmukh	21/05/2019	21/05/2019	16	9
Gender Budgeting and Women Empowerment in Rural Areas	31/01/2019	02/02/2019	3	0
Gender Budgeting and Women Empowerment in Rural Areas	04/02/2019	06/02/2019	3	0
Gender Budgeting and Women Empowerment in Rural Areas	07/02/2019	09/02/2019	3	0
Gender Budgeting and Women Empowerment in Rural Areas	12/02/2019	14/02/2019	3	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
About 45 percent of the power requirement of the University is met by renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	11
Ramp/Rails	Yes	11
Braille Software/facilities	No	0
Rest Rooms	Yes	11
Scribes for examination	Yes	5

Special skill development for differently abled students	No	0
Physical facilities	Yes	11

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	6	6	31/12/2018	3	Swachh Bharat Avhiyan, Independence Day, Gandhi Jayanti	Social awareness for cleanliness in 7-adopted villages	812
2019	8	8	30/06/2019	3	Swachh Bharat Avhiyan, Republic day	Social awareness for Waste Management System	878

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
The Statutes, Ordinances Regulations	01/07/2018	Based on the Statutes, Ordinances Regulation of Tripura University published in the Gazette of India first published on 11.01.2017, the University authority has introduced the Code of Conduct for Students as well as for employees including the faculties. During joining in Tripura University, every employee has to abide by the Oath of allegiance. Every student along with their parent needs to submit the Anti-ragging affidavit during admission in the University.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Pre Ph.D Course work Programme	29/11/2018	30/04/2019	55
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Since Tripura University has been converted to a Central University, efforts are being made to develop its campus on green concepts particularly focus on local eco-system conservation, use of alternative sources of energy, solid waste management, vermicomposting, green belt development, sustainable architectural designs of building. The University committed to an ecological sustainability, to include the establishment of the watershed management, to establish green buildings, sewage treatment plant, rain water harvesting, functional state-of-the-art composting system (vermicomposting), green belt development, installation of solar panels etc. In particular, students have played a vital role in encouraging environmental consideration in every functional facet of the University. Green Building: The buildings in the University are designed in such a manner where energy conservation techniques are implemented. Solid Waste Management: The University has established a solid waste management facility at its campus to manage the solid waste generated on the campus. Solar Energy: Tripura University has achieved about 45 percent of its energy needs through renewable sources of energy. The university campus has two buildings (Administrative and Central Library) using 380 kW solar electricity by solar panels. Rain Water Harvesting: Low / deep land area has been modified and constructed for rainwater harvesting scheme of the University

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice : 1) Title of the practice : Smooth Academic activity and transparent examination. Objective of the practice: To motivate the faculty and students to perform better teaching learning activity. To create a good academic atmosphere. To create awareness about the quality of higher education. To motivate the students to develop work and culture in the academic institution. Context : To create a quality human resources. To create teachers who will be a socially responsible person. The University teachers followed up academic routines in a disciplined manner made maximum utilization of laboratories. Teachers performed remedial classes to weak students. Evidence of Success : i) students attendance has increased remarkably ii) Number of students securing first class increased iii) Larger number of students were absorbed in job. Problem encountered: Adequate study materials are not available. Practice : 2) Title of the practice : Organising Seminars/Workshop in academic departments The objective of the practice: To make the students more communicative. To make the student more knowledgeable. To achieve linkage with eminent persons of other universities. To acquire skill to organise academic program. Context - Only regular academic curriculum is not sufficient to make a person proper academic. To develop challenging attitude to overcome any tragic situation. Evidence of Success : i) more students are motivated to go through Phd. programmes ii) Students are using a good portion of time in research activity. iii) Some students are continuously making regular contact with scientists of national level Problems Encountered: i) Shortage of space. ii) Inadequate technical staff.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and

thrust in not more than 500 words

In functioning Academic activity smoothly and also for smooth running of examination programme transparently following steps are being adopted to inspire and encourage the faculties and their students in order to achieve success. The features covered in this aspect are as follows: Creation of healthy academic conditions, development of functional awareness to enhance the level of higher education qualitatively, encouragement to the students for uplifting their academic work culture in the institution. In the context of creation of quality human resources and teachers to be socially responsible person the University teachers adopted academic routines in a logistic way by which classes and laboratories can be utilised at optimum level. The faculties adopted running of remedial classes to weaker students as well. To see indication of success of the students their attendance is noticed with greater percentage. Further, the students are being found better both qualitatively as well as quantitatively. Moreover, a greater quantity of the students managed to secure their job. As a best exercise different Seminars, Workshop, Distinguished Lecture, Short course, Training programme etc are being conducted in the University under the leadership of Internal Quality Assurance Cell. Apart from these events Faculty Development Centre carried out a number of Refresher courses on various academic aspects where all India level participants took part. To make the students outgoing and knowledgeable, linkage with eminent scholars of various Universities are being made. Further, skill development related program are also being conducted. For development of challenging approach to overcome tragic situation, students are being encouraged to enrol in Predoc program. While selecting research topics the thrust areas are being chosen such as Natural and Physical sciences, Conservation of endangered, threatened, and rare Fish fauna of freshwater ecosystem of North East India in general and Tripura in particular, Social Sciences and humanities, Tribal life and culture etc.

Provide the weblink of the institution

<https://www.tripurauniv.in/>

8.Future Plans of Actions for Next Academic Year

1. To search for more land in the neighborhood of University. 2. To Land Mark for Further Horizontal and Vertical Development. 3. To Create more Scope in Research and Local Resources. 4. To Provide more instrumental support to the Researchers. 5. To Increase the Organization of Seminar and Conferences etc. 6. To create more linkage with the esteemed Research Institutes.