



# Tripura University

(A Central University)

Surymaninagar : 799022

# Newsletter

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## Our Pride



**Dipa Karmakar** (born 9 August 1993) hailing from Agartala, a student of Tripura University, an artistic gymnast who represented India at the 2016 Summer Olympics. She is the first Indian female gymnast ever to compete in the Olympics, and the first Indian gymnast to do so in 52 years. She attained 4th position in Women's Vault Gymnastics event of Rio Olympics 2016 with an overall score of 15.066. She first gained attention when she won a bronze medal at the 2014 Commonwealth Games in Glasgow, becoming the first Indian female gymnast to do so in the history of the Games. The Government of India conferred upon her the Khel Ratna , Arjuna and Padmashree award.

## Vice-Chancellor's Desk ...

*A noble venture should not stop. I am happy that the Tripura University Newsletter once again started appearing. The newsletter was started in November, 2014 with the intent of bringing the latest and important happening in the campus. However, due to some reasons we couldn't continue for a certain period of time after the third issue.*



*The newsletter will act as a medium to connect various departments, students, research scholars, faculties and non-teaching staff in the university. I urge all of you to read as well as contribute important news or events for the forthcoming issues. Significant events are taking place in the University every week. You may also share your thoughts and ideas.*

*The newsletter will be issued quarterly and shall be distributed free of cost. I wish a long life to the newsletter in its new form. I thank the team in the Department of Library and Information Science in helping the University with this new version of the Newsletter.*

*Best Wishes to all.*

*Thank you.*

## Prominent Visitors to University

**Professor Amitabha Ghosh**, Platinum Jubilee Senior Scientist of the National Academy of Sciences, India Honorary Distinguished Professor, Indian Institute of Engineering Science and Technology, Shibpur, visited Tripura University on 2<sup>nd</sup> Jan., 2107.



**Dr. Parthasarathi Mukhopadhyay**, Asso. Professor, DLIS, Burdwan University, visited to the DLIS, TU, on 9<sup>th</sup> Nov. 2016 and interacted with students.

Eminent Professors of Library & Information Science **Prof. C. R. Karisiddappa**, formerly Professor, Karnataka University, Prof. Pravakar Rath, Mizoram University, Prof. Pitambar Padhi, Retd. Professor, Utkal University and Prof. Sanjay Kumar Singh visited to the Dept. of LIS., TU and interacted with students on 18<sup>th</sup> Nov. 2017.



**Prof. K. C. Panda**, formerly Professor, Dean, Sambalpur University and presently Principal, College of Library and Information Science, Berhampur University, visited to the Dept. on 20<sup>th</sup> Dec. 2016 and advised the students in pursuing career in library science.



Hon'ble Vice Chancellor receiving award from RSDC, 2016, New Delhi



MoU between Prof. A. K. Ghosh, Vice Chancellor, TU and Shri K. K. Chowdhury, President, AIRIA in front of Hon'ble President of India Shri Pranab Mukherjee on 17 Nov. 2016 in Rashtrapati Bhawan

## Achievements

Hon'ble Vice Chancellor, Prof. Anjan Kumar Ghosh, has been invited to receive Amity Academic Excellence Award" during our 17<sup>th</sup> Biggest International World Summit INBUSH ERA 2017 on "Comprehension, Commitment, Courage & Collaboration (4 C's): Converting ideas into logical outcomes for creating world class organizations" from 8<sup>th</sup>–10<sup>th</sup> Feb. 2017.

Hon'ble Vice Chancellor, Prof. Anjan Kumar Ghosh graced the seminar on "The relevance of radio in view of new media blitzkrieg" as a member of the panel conducted by AIR, Agartala on 30.01.2017.

Dr. Abhishek Das, Asst. Professor, Dept. of IT was awarded been awarded the Fifth Prize along with cash award of Rs 10,000/- in GBP's National Talent Search Contest on Innovative Research Ideas leading to Entrepreneurial Venture in Biotechnology and allied area, organized by Guwahati Biotech Park (under Govt. of Assam and Dept. of BioTechnology, GoI).



Dr. Abhishek Das has been appointed in Dec 2016 as the Visiting Post-Doctoral Research Fellow at ISI, Kolkata for two months.

Ms. Mithu Anjali Gayan, Asst. Professor, Dept. of LIS., received her Gold Medal on 04.10.2016 at 24<sup>th</sup> Pondicherry University Convocation program for securing 1<sup>st</sup> class 1<sup>st</sup> position in Master of Library and Information Science examination held during May 2014.

Two Research Scholars under the guidance and supervision of Dr. R. K. Mahapatra, Associate Professor, DLIS, TU, being awarded Ph. D. degree.

## Research Project/Funds

**Dept. of Chemical and Polymer Engineering Tripura University :** Bioreactor based enhanced bio recovery of manganese from mining waste residue [SP/YO/031/2016], funded by DST, GoI, with 32.51 Lakhs funding amount for 3 years.

**Dept. of Microbiology:** A seven months project sanctioned from Indian Institute of Social Welfare and Business Management (IISWBM), Kolkata with a total funding of Rs 6 lacks under Dr. Shaon Ray Chaudhuri on 21.10.2016.

A three year project sanctioned from DBT with a total funding of Rs 51.44 lakhs with Dr. Ajay Krishna Saha as PI and Dr. Shaon Ray Chaudhuri as Co-PI on 27.10.2016.

A three year project sanctioned from DBT with a total funding of Rs 63.60 lakhs with Dr. Shaon Ray Chaudhuri as PI and Prof A K Saha as Co-PI on 18.10.2016.

**Dept. of Mathematics:** Ongoing Project: 01 Title "I –statistically convergent sequences of fuzzy numbers" Name of the PI: Dr. Shyamal Debnath. Funded by CSIR.

**Dept. of Sociology:** A short term project titled "Socio- Economic Impact Assessment of Bamboo Farming in West Tripura: A Case Study of Hezamara and Mohanpur Blocks" as part of Industry- Academic Interface Program in collaboration with Tripura Bamboo Mission.

## Lectures & Talks/Departmental Events

**The President of India addressed the** students and faculty members of the central institutions of higher learning and officer trainees at Civil Service Academies through Video Conference using National Knowledge Network (NKN) on Wednesday, the 10<sup>th</sup> Jan., 2017 (Tuesday) at 12.30 hours.

**Dr. Sharmila Chhotaray** delivered lectures on "Cultural stereotypes and social stigma: Issues of gender inequality and justice, Media, society and role of parents" from the course on Contemporary India and Childhood Seminar, National School of Drama in(TIE Wing, Agartala), 31st Oct- 5th Nov 2016.

Dr. Sharmila Chhotaray delivered paper titled 'Gendered Education: Interrogating the Stereotypes' in a national seminar on "Towards Inclusive Quality Education: on 18-19 Nov., 2016, organised by Holy Cross College, West Tripura.



**Dr. R. K. Mahapatra**, Associate Professor, Dept. of LIS. participated in the Panel Discussion of PLANNER 2016, on 11<sup>th</sup> Nov. 2016 held at NEHU, Shillong.

An awareness program on environment and health was held jointly by Dept. of Microbiology and Dept. of Botany on 23.11.2016. Lectures were delivered by the eminent speakers on waste water purification, solar energy use for environmental sustenance as well as on diseases such as AIDS, Autism and Cerebral palsy.

A health awareness program was organized on 22.11.2016 jointly by Dept. of Microbiology and Dept. of Botany which was sponsored by ONGC and Indo-German Development Cooperation Project. The program was attended by the students, research scholars and faculties of Microbiology and Botany Dept. along with the villagers from Dhalai District of Tripura.

**Paediatrics Health Camp** was organized on 22.11.2016 by Mohona-Tripura University Women's Association & Dept. of Microbiology, Tripura University at Ballavpur J. B. School: Dr. Dipankar Chakraborty and the hostel boarders from Microbiology Dept. along with the members of Mohona went for the health camp to Ballavpur village where the children were given a health checkup. Three other local doctors were also present and part of this health camp.

**Special Lecture on "Ethnography"** & Interactive Session by Dr. Svetlana Ryzhakova, Prof. of Anthropology, Russian Academy of Science, on 25.11.2016 at 9.30 am, with students and research scholars of Dept. of Sociology, Tripura University.

Public Lecture on "**Cultural Pluralism & Nation Building**" by Padmabhusan Dr. T. K. Oommen, Professor Emeritus, JNU, New Delhi, Visiting Fellow in Department of Sociology, Tripura University on 29<sup>th</sup> Nov. 2016.

A Five Days' Workshop on "Preventive Conservation of Manuscripts" organized under the auspices of Manuscript Resource Centre and Manuscript Conservation Centre, Tripura University in collaboration with National Mission for Manuscripts.

A workshop on Mathematical Genomics was organized by Bioinformatics Centre, Tripura University, from Jan. 23-28, 2017.

A 2 day workshop on research methodology for language and literature studies was organized by the Dept. of English, Tripura University on Jan. 05-06, 2017.

## Presentation & Participation in Seminars / Conferences / Symposia/ Workshops

**Dept. of Information Technology:** Jayanta Pal participated Five days Workshop on Statistical Data Analysis at Dept. of Statistics, MBB College, Agartala organized by Applied Statistical Unit, ISI, Kolkata during 21st to 25th Nov., 2016.

Jayanta Pal participated TEQIP-II sponsored Faculty Development Programme on "Discrete Mathematics and its application on Engineering" organized by Dept. of Mathematics and Dept. of Computer Science & Engineering, TIT, Agartala during 26th Oct. to 28th Oct., 2016 at TIT Agartala.

Swarup Nandi participated in the “Five days Workshop on Statistical Data Analysis”, held on Nov. 21 - 25, 2016, organized by Applied Statistical Unit, ISI, Kolkata and Dept. of Statistics, MBB College, Agartala.

Swarup Nandi participated in the TEQIP-II project sponsored “Three days FDP on 'Discrete Mathematics and Its Application in Engineering'”, held on Oct. 26 – 28, 2016, organized by Dept. of Computer Science Engineering and Dept. of Mathematics (Science & Humanities), Tripura Institute of Technology, Agartala, Tripura.

**Dept. of Library and Information Science:** Ms. Mithu Anjali Gayan, Asst. Professor, DLIS, TU, presented a paper titled “Use of Mobile technologies in the academic environment: A comparative study of three India Universities at 10th convention PLANNER held at NEHU organized by INFLIBNET from Nov. 9-11, 2016.

Ms. Mithu Anjali Gayan, Asst. Professor, DLIS, TU, presented a paper titled “Attitude, Awareness and perception towards plagiarism: A survey at 19th National Convention on Knowledge, Library and Information Networking, 2016 held at Tezpur University, Assam organized by Developing Library Network, New Delhi from Oct. 26-28, 2016

Augustine Zimik, Asst. Professor, DLIS, TU, attended a three days workshop on “Data and Statistical Analysis Using R Programming” on Dec. 19th to 21st, 2016 sponsored by INFLIBNET Centre, Gandhinagar, Gujarat.

**Dept. of Material Science and Engineering:** Participation and presentation in the “International Union of Materials Research Society-International Conference of Young Researchers on Advanced Materials (IUMRS-ICYRAM, 2016), held in IISc, Bangalore during December 11-15, 2016 by Dr. Gobinda Gopal Khan, Asst. Professor, Dept. of Material Science and Engineering.

**Dept. of Sociology:** Dr. Rajeev Dubey, Asst. Professor, delivered an invited paper titled “Opening up the Blackbox : the Caste Dynamics and Exclusionary Processes in Schools” on 18-19 Nov., 2016, organised by Holy Cross College, West Tripura.

## Paper Publications

**Dept. of Chemical and Polymer Engineering:** A. C. Sophia, Harjeet Nath and N.V.S. Praneeth; Synthesis of nano-porous carbon from cellulosic waste and its application in water disinfection; Current Science October, 2016.

S. Mohanty, S. Ghosh, S. Nayak, A.P. Das. Bioleaching of manganese by *Aspergillus* sp. isolated from mining deposits. Chemosphere. 2016.

**Dept. of Information Technology:** Jayanta Pal, Paramartha Dutta, Apu Kumar Saha, “Realization of Basic Gates using Universal Gates Using Quantum-dot Cellular Automata”, Second International Conference on Computing and Communication Systems, Springer, Nov. 2016.

**Dept. of Library and Information Science:** Mithu Anjali Gayan, “Knowledge Networking in India: A Case study of National Knowledge Network” in GITAM University, Visakhapatnam, Library conference proceeding, Dec. 2016.

Shivendra Singh and R. K. Mahapatra, Electronic Information Seeking Behaviour among Nursing Students and Teachers: A Review International Journal of Health Sciences and Research, 2016.

Ashok Kumar Sahu and Rabindra Kumar Mahapatra, Trends and Impact of Information Technology: a Quality Paradigm Excellence, published by Ess Ess Publication, New Delhi, 2016.

Kshirod Das and R. K. Mahapatra, Mendeley, Ref. works and CSV file format: a comprehensive analysis of citation management tools. Published in Electronic Resource Management in Libraries: Trends, Issues and Challenges, Edited by Gunjal Bhojaraj... et al, New Delhi: Ess Ess Publications, 2016.

B. K. Das and R. K. Mahapatra, Electronic (Web) Resources and its awareness for Distance learners in Virtual age: A study of IGNOU, published in Marching beyond libraries: Role of social media and networking, Bhubaneswar: KIITU & Overseas Press India, 2016.

S. P. Panda and R. K. Mahapatra, Web 3.0 and Library 3.0: A new perspective in LIS published in Marching beyond libraries: Role of social media and networking, Bhubaneswar: KIITU & Overseas Press India, 2016.

B. B. K. Patra and R. K. Mahapatra, Teacher attitude towards electronic information resources in pharmaceutical Colleges/ institutions in Odisha, Published in Marching beyond libraries: Role of social media and networking, Bhubaneswar: KIITU & Overseas Press India, 2016.

**Dept. of Mathematics:** Anjan Mukherjee, Sadhan Sarkar, Supervised pattern recognition using similarity measure between two interval valued neutrosophic soft sets, Annals of Fuzzy Mathematics and Informatics, Oct. 2016.

Anjan Mukherjee, Somen debnath, Mithun Datta, An application of interval valued intuitionistic fuzzy soft matrix in medical diagnosis, Annals of Fuzzy Mathematics and Informatics, Oct. 2016.

Anjan Mukherjee, Generalized fuzzy soft sets in decision making based on game theory and their applications, Bulletin of the Calcutta Mathematical Society, 2016.

B.C. Tripathy and R. Goswami, Statistically convergent multiple sequences in probabilistic normed spaces, U.P.B. Sci. Bull., Ser. A, 2016.

Ayhan Esi, Shyamal Debnath and Subrata Saha, Asymptotically Double Lacunary Statistically Equivalent Sequences of Interval Numbers. Proyecciones Journal of Mathematics, Dec. 2016.

**Dept. of Microbiology:** A. Datta, K. Chakraborty, C. Paul and B. K. Sharma; Seasonal Diversity of Rhizospheric Microfungi in two Different Age Group of Tea Plantation in Tripura, Northeast India, International Journal of Current Microbiology and Applied Sciences, 2016.

Bipin Kumar Sharma, Ramashanker, Sushanta Ghosh, Lovely Rahaman, Nandita Nath and David Lalvohbika Kaipeng; Plant based folk treatments from North East India for jaundice. (An overview), Journal of Medicinal Plants Studies, 2016.

Sushanta Ghosh, Lovely Rahaman, David Lalvohbika Kaipeng, Dipankar Deb, Nandita Nath, Prosun Tribedi, Bipin Sharma; Community-wise evaluation of rice beer prepared by some ethnic tribes of Tripura, Journal of Ethnic Foods, 2016.

**Dept. of Sociology:** Rajeev Dubey, 2016 “Reclaiming the Culture of Reading”, The New Learn, Vol. 2 (17-18).

**Dept. of Chemical and Polymer Engineering:** GIAN Course/workshop on “Integration of Molecular Design To Process Simulation For The Development of Industrial Chemical Products & Processes” at IIT Guwahati from 12-17th Dec. 2016 by Shri. Harjeet Nath, Asst. Prof., Dept. of Chemical and Polymer Engineering Seminar on “Processing Technique and Application Of Commercial Polymer” on 3rd December at IEI Tripura State Centre Agartala by Shri. Harjeet Nath, Asst. Prof., Dept. of Chemical and Polymer

## Student's achievement/Placement

Tripura University has won the group level Competition of the 13th National Youth Parliament Competition organized by the Ministry of Parliamentary Affairs, New Delhi. Out of 55 participating universities/colleges Tripura University

became one of the 7 institute to win the group level and will compete with the other 6 group level winners for the national championship.



Two Research Scholars, Dept. of Hindi namely Mr. Raj Bahadur Puskar & Mr. Raysahab Pal got cleared NET in CBSE-UGC NET/JRF Exam, July, 2016.

On 3/1/2017 a team of MBA final semester students embarked on an outbound journey organized by the department for the first time to visit industries in Delhi NCR.

### Admin News

The Dept. of LIS, TU, has facilitated a Current Awareness Service (Contents List to link) on Latest New on Science, Technology, Research & Innovation and other news in the University home page dedicated to faculty, research scholar and students

### New Recruitments

Dr. B. Sanjay was appointed as Librarian and Mr. Champeswar Mishra as Deputy Librarian, Central Library, Tripura University in December, 2016.

Dr. Harish D. joined the Dept. of Mathematics as Assistant Professor on 30-12-2016.

### Campus Events

First training of the volunteers for VISAKA Campaign was undertaken on the 22nd of Dec., 2016. Around 64 students volunteers start their efforts immediately.

### Other Activities

NET Coaching Centre of Tripura University for SC/ST/OBC (non-creamy layer) and Minority started offering coaching classes for the eligible candidates from the 6th of Feb. 2017 for its Jan.-Jul. session in the Dept. of Political Science, TU.

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 commenced under the guidance of the Equal Opportunity Cell University, from 28th Jan., 2017 on every Saturday and Sunday at Dept. of History, TU.

Tripura University, in collaboration with SPIC MACAY organized an evening of Odissi performance by eminent danseuse Ms. Sujata Mohapatra at 3 P.M. on Monday, 16th Jan., 2017 at Maharaja Bir Bikram Shatabarshiki Bhawan Auditorium.



“Faculty Development Centre” of Tripura University under “Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching” organized Faculty Induction Programme’ from 13th-19th Nov., 2016 for the newly joint faculty members of the university and the faculties from affiliated colleges.

Tripura University Vigilance awareness week was observed from 31st Oct. to 5th Nov. 2016.

Tripura University organized a program on “Self empowerment of youths on 21st Nov., 2016.

Rs.233756.00 had been generated to support our friend Francis Hrangkhawl, Assistant Professor, Dept. of History for his treatment.



Orientation to fresher’s delivered to students by the Librarian, Central Library, Tripura University



Hon'ble Vice Chancellor garlanding on the portrait of Sardar Vallabhbhai Patel on the eve of Rashtriya Ekta Divas observed by the Central Library, TU

### Acknowledgement

We thank all the faculty members, administrative staff of Tripura University for their help and cooperation in bringing out University Newsletter.



8th Annual Art Exhibition conducted by the Dept. of Fine Arts, TU



Arial view of Tripura University Campus

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