

NEWSLETTER



TEZPUR UNIVERSITY

VOLUME NO 8 :: ISSUE 1 :: JULY 2014

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SCHOOL EVENTS DURING TECHXETRA 2013

Tezpur University ranks 7th amongst 43 Central Universities of India

(Research Gate Inc. USA : <https://www.researchgate.net>, data as on January 29, 2014)

Rank	Estd.	University	RG Score
1	1922	DU	5393.26
2	1916	BHU	5006.39
3	1920	AMU	3304.92
4	1974	Uni. Hyderabad	2920.76
5	1969	JNU	2600.23
6	1920	J.Millia Islamia	1677.77
7	1994	Tezpur University	1283.64
8	1985	Pondichery University	1227.07
9	1887	Allahabad University	1057.42
10	1921	Vis. Bharati University	1007.49
11	1973	NEHU	810.19
12	2009	CU Punjab	599.86
13	1946	HS. Gour University	548.21
14	1996	BBA University	489.51
15	1994	Assam University	471.98

TEZPUR UNIVERSITY CELEBRATES 17TH ANNUAL MEET

The 17th Annual Meet of Tezpur University started in the month of August, 2013 with football, cricket, volleyball and basketball competitions. The concluding session of the Annual Meet was held from 20 to 23 February, 2014. Distinguished Sports personality and Everest Conquerer Mr Tarun Saikia graced the occasion as the Chief Guest and Lady IPS Officer Dr. Sanjukta Parasar, Superintendent of Police, Sonitpur was the Guest of Honour.

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IPS Officer Dr. Sanjukta Parasar addressing students

V C ' s Corner

It has been more than six months since the last issue of the TU Newsletter was published. Frequency is low!

In a dynamically vibrant institution of higher learning many academically good things are expected to happen every passing month, and to this end Tezpur University is no exception. Another batch of students have graduated with degrees, diplomas and doctorates in humanities and social sciences, business administration, science and engineering, a few new faculty members have joined across the schools, and many students have won prizes and medals in zonal and national level competitions. Some of our recent graduates have got very good placements including research fellowships in reputed institutions like NCBS, CCMB, IITs, TIFR, TISS, Univ. of Hyd., DU (Delhi), JNU ..., for instance. A development worth reckoning! On the faculty front my colleagues have been striving to reach newer heights by way of publishing in quantity with quality. Three UKIERI projects are underway with active participation of partner institutions. External cash flow through sponsored projects and some sale proceeds of our productions has been on a steady growth trajectory. Our research contributions have been receiving attention as well as external recognitions. While Professor Mihir K. Chaudhuri has received American Chemical Society – Green Chemistry Institutes Distinguish Honoured Lecture Award on 04 December 2013, Professor Ashis K. Mukherjee has been selected for the prestigious DBT National Biosciences Award. The University Grants Commission has granted us a Centre for Research



and Studies on Endangered Languages for a period of five years with the status of a Hub here – thanks to Professor Madhumita Barbora and her colleagues for their domain expertise and contributions. Kudos to our colleagues of the Schools of Engineering for securing as many as eight MSME projects, and two of our engineering students for winning the coveted GE Foundation Scholar Leaders fellowship. All these success inspire all of us at TU. Finally, it is gratifying to learn that Tezpur University ranks 7th among the Central Universities of India (Research Gate Inc. USA ... data as on 29 January 2014). We are now set to raise our position higher up in the list through sincerity, dedication and hard work.

I thank Dr. Hemjyoti Medhi and her team for getting this issue of TU Newsletter published now.

Mihir K. Chaudhuri

EDITORIAL

This issue of the Tezpur University Newsletter attempts to offer a snapshot of the myriad hues of the university's academic and extracurricular life. It covers the period from August, 2013 to April, 2014. A feature on New Faculty Members has been added. Only a select list of publications, projects, and events has been included here due to the constraint of space. The editorial team remains grateful to the members of the university community for submission of material and photographs for the newsletter. While we have made a sincere effort, any error is deeply regretted. We look forward to your comments and suggestions.

ADMINISTRATIVE NEWS

Tezpur University Adopts Amolapam Village

Tezpur University has adopted its neighbouring village Amolapam under a long-term developmental programme named "Tezpur University – Amolapam Village Development Initiative". The Initiative was inaugurated by the Vice Chancellor of the University Prof. Mihir K. Chaudhuri on February 24, 2014 in the presence of the Tezpur MLA Shri Rajen Borthakur and a host of prominent persons including the Pro Vice Chancellor of Tezpur University Prof. Amarjyoti Choudhury, the Sonitpur Deputy Commissioner Shri LC Gogoi and a large number of villagers.



Important Meetings

o Three meetings of the Board of Management were held: the 70th meeting on 08 Nov. 2013, the 71st meeting on 23 Dec. 2013 and the 72nd meeting on 22 March 2014.

o The Annual report and annual accounts for the year 2012-13 of the University have been submitted to the Ministry of Human Resource Development, New Delhi on time.

• *Three faculty positions were filled across the Departments. 17 non-teaching positions were filled, out of which 13 are in Group-C positions including MTS, and four in Group-A positions during the period 2013-14.*

Recent News Updates

- >> Video Gallery on TU Website Launched
- >> Online TU Portal Launched
- >> Online Admission Form Submission started



Prof. Rajpal S. Sirohi, Padma Shri, FNAE, FNASc, FOSA, FSPiE, FOSI, was appointed as Lokapriya Gopinath Bordoloi Chair Professor on October 21, 2013.

Centre For Open and Distance Learning, TU



Dr. Sanjib Kataky joined the Centre for Open and Distance Learning as the Director on deputation for 3 years w.e.f. December 20, 2013. He was formerly the Regional Director of IGNOU, Jorhat Regional Centre. The Centre is presently undertaking several initiatives to revamp the existing set-up, streamline administrative procedures and also strengthen academic activities. Work is under way to introduce three new programmes at Masters' level, namely in English Literature, Sociology and Assamese, from Spring Semester 2015. Efforts have been made to establish more study centres of CODL in addition to the existing ones. It has also been decided to activate a study centre of CODL at Tezpur University Transit Office & Extension Centre at Maligaon, Guwahati.



Mr. Uddhab Bharali was appointed as Visiting Director for a period of 01 year w.e.f. September 21, 2013 in the Centre for Innovation, Incubation & Entrepreneurship.

Forthcoming Event : 12th Convocation on November 20, 2014

TU COLLABORATES WITH QUEEN'S UNIVERSITY BELFAST



Image courtesy www.qub.ac.uk

Tezpur University has started a multilevel collaboration with Queen's University Belfast, one of the oldest universities in the UK, with a heritage going back a hundred and fifty years, and rated as one of the top 25 best international universities in the world. The collaborative project, which has been approved by the Ministry of Human Resource Development (MHRD), Government of India and University Grants Commission (UGC), New Delhi, is for a period of six years. The collaboration is aimed at providing a major qualitative boost to the faculty, research scholars and students of Tezpur University. Tezpur University also intends to extend the benefits of the project to include bright and promising research scholars of other universities in the North East in

order to improve the quality of faculty in higher education in the region.

Collaboration with NRL and OIL

Prof. Mihir K. Chaudhuri, Vice Chancellor, Tezpur University and Mr. Dipak Chakrabarty, Managing Director, Numaligarh Refinery Limited led teams of experts from their respective organizations and held a meeting on July 10, 2013 to discuss potential collaboration. On a subsequent meeting on October 26 and 27, 2013, the following areas were identified: Catalyst development for deep desulphurization, Information Technology, Environment and outreach programme, Training of NRL Staff at TU, Internship facility for TU students at NRL, Need-based human resource for the oil industry, Bio-energy and Bio-refinery, Sensor-based fault detection, Enhanced Oil Recovery (chemical-based and bio-based), Management Development Programme, Developing a sale forecasting technique, and Fellowship for TU students.

Mr. R. K. Datta, Member, TU Planning Board and former CMD of OIL, facilitated a meeting between a seven-member team from Oil India Limited led by Mr. M. C. Nihalani, Head-R&D Projects and a team comprising the Registrar, Deans, Dy. Director (T&P) and three faculty members of Tezpur University on January 28, 2014. The collaboration would include areas such as Drag Modifier, Corrosion control, student internship, technical lecture etc.

COLLABORATION BETWEEN T U AND MAKAIAS

Based on a spirit of cooperation and reciprocity, a Memorandum of Understanding (MoU) has been signed between Tezpur University and Maulana Abul Kalam Azad Institute of Asian studies (MAKAIAS), Kolkata to achieve common goals related to research activities in social sciences and develop collaborations and exchanges in the areas of shared interest and activities.



Image courtesy www.makais.gov.in

The annual Srimanta Sankardeva Lecture (A Tezpur University Endowment programme) was delivered by Padmashri and Tagore Kala Ratna awardee Professor Birendranath Datta on November 29, 2013.

SEMINARS/CONFERENCES/WORKSHOPS/LECTURES



An ICSSR Sponsored National Seminar on Financial Inclusion and Inclusive Growth was organized by the Department of Business Administration on October 25-26, 2013.

ISLA 2014

5th Indian School on Logic and its Application, ISLA 2014 was held at Tezpur University during January 6-17, 2014. It was organized under the aegis of the Association for Logic in India; and was funded by the National Board for Higher Mathematics, Science and Engineering Research Board, Indian National Science Academy, UGC-SAP and Tezpur University. Support was received from HP, Extreme Networks, AMD and BMG Informatics.



Participants and Delegates at ISLA 2014

NMRS-2014

20th Symposium and Annual meeting of National Magnetic Resonance Society-2014 (NMRS-2014), India was held during February 2-5, 2014.



Prof. Clare Grey (FRS, University of Cambridge, UK) delivering the plenary talk during NMRS-2014

A talk on "Sociology of Religion in the West" was delivered by Prof. Ake Sander, University of Gothenburg, Sweden on November 21, 2013 as part of the Human Vistas Lecture Series in the Department of Sociology.

Professor Scot Delancey, University of Oregon delivered a talk on "Tibeto-Burman Languages of North East India" on February 4 and conducted a workshop for students and faculty on February 3-4, 2014 in the Department of English & Foreign Languages.

>> Workshop on Solar Astronomy was organised by the Department of Physics during December 17-19, 2013.

>> Workshop on Probability Funded by Indian Statistical Institute, Kolkata was organized by the Department of Mathematical Sciences during January 02-10, 2014.

>> The School of Management Sciences, Tezpur University in association with Indian Statistical Institute (ISI), Bangalore organized a Certification Programme for Six Sigma Green Belt during December 5-8, 2013 at Guwahati and during January 30- February 02, 2014 at Tezpur University.

Regional Workshop on Traditional Knowledge, Socio Economic Development and IPR



A two day Regional Workshop on Traditional Knowledge, Socio Economic Development and Intellectual Property Rights was organized by Tezpur University Intellectual Property Rights (TUIPR) Cell and Department of Cultural Studies, Tezpur University on 10-11 February, 2014.

>> An in-house workshop on “Contemporary Physics & the Role of Intellectual Property Rights 2013” was organized by TUIPR Cell on February 7, 2014 in collaboration with the Department of Physics.

>> Workshop on Non-linear Dynamics and Application (NDA-2014) was held in the Department of Physics during March 14-15, 2014.

>> Workshop-cum-Demonstration programme with Mr. Altaf Mazid, a well-known film maker and critic, as Guest Speaker was jointly hosted by the Department of Cultural Studies and Department of Mass Communication & Journalism on 21 March, 2014.



Workshop on RF & Microwave Technology was organised by the Department of Physics during March 24-26, 2014.



An ICSSR-sponsored national seminar, “The Practice of Everyday Life in North-East India: An Interdisciplinary Approach” was organized by the Department of EFL, March 14-15, 2014.

>> Professor Stig Toft Madsen of the Nordic Institute of Asian Studies, Copenhagen, Denmark spoke on “Family History through Archives” and “Archive Safety and Theft” on March 19 and 20, 2014 respectively as the English and Foreign Language Department’s SAP-DRS programme.

>> “Executive Programme on Evaluative Methods”, was organized by the Department of Sociology in collaboration with Government of Assam, O.K.D. Institute of Social Change and Development and UNICEF, February 13-17, 2014, Sponsored by GoA and UNICEF, Guwahati.

>> A regional workshop on “Role of IPR on Innovation in Electronics, Communication, and Computing Devices” was organized in collaboration with Institution of Engineers (I), Silchar Local Centre, and DietY, GOI at Silchar on 27 and 28 November, 2013.

SEMINARS/CONFERENCES/WORKSHOPS/LECTURES

>> ICSSR sponsored National Seminar on Social and Economic Status of the Marginalized Communities in the Brahmaputra Valley with Special Reference to SC Group was organized by the Department of Sociology, September 27-28, 2013.

>> National Seminar on Mobility and World View of the Singpho and Khampthi Tribes of Arunachal Pradesh and Assam sponsored by ICPR & organized by Dept. of Cultural Studies, Tezpur University was held during March 27-28, 2014.

>> Equal Opportunity Cell in collaboration with Chandraprabha Saikiani Centre for Women's Studies organized two Seminars on Aging in India with Special Reference to North East India at the regional level (on October 2 & 3, 2013) as well as at the national level (March 22 & 23, 2014) with support from ICSSR

International Seminar on Philosophy of Culture



International Seminar on Philosophy of Culture jointly organized by ICPR & Dept. of Cultural Studies, Tezpur University during March 31-April 01, 2014.

National Seminar On Modern Assamese Society, Literature and Bezbaroa



The Centre for Assamese Studies of Tezpur University organized a two-day national seminar titled 'Modern Assamese Society, Literature and Bezbaroa' on 3-4 April, 2014 on the occasion of the 150th birth anniversary of Sahityarathi Lakshminath Bezbaroa. A volume with 15 research papers by members of the Tezpur University academic fraternity titled *Lakshminath Bezbaroa: The Architect of Modern Assamese Literature- Issues of Nationalism and Beyond* (edited by Madan M. Sarma and Debarshi P. Nath) was released by the Vice Chancellor of Tezpur University Prof Mihir Kanti Chaudhuri on the occasion.

Professor George van Driem, eminent linguist, University of Berne, Switzerland delivered a talk, "The Mongoloid myth and the eastern Himalayan homeland: Evidence from historical linguistics and human population genetics" on October 25, 2013.

A talk on "Impact of Agrarian crisis on women: Research findings from Punjab" was delivered by Ranjana Padhi, an Independent writer and activist, in the Department of Sociology on September 25, 2013.



A one day Workshop was organized on Gender Sensitization in St. Josheph Convent Higher Secondary School in Tezpur on the eve of birth and death anniversary of Chandraprabha Saikiani on March 15, 2014.

The 1st International Forum on Asian Water Environment Technology from 18th to 20th December 2013 was organized by the Department of Environmental Science, Tezpur University along with the University of Tokyo, Japan, AIT, Thailand, IIT, Roorkee, and JNU at Jawaharlal Nehru University Convention Centre, New Delhi.



DST-INSPIRE Science Camp (December 23 -29, 2013) was organized at Tezpur University with 164 students from 29 schools from all over Assam.



A delegation from Tezpur University consisting of departmental faculty, officials, and students from the Chinese language programme visited Yunnan University of Finance and Economics, Kunming, China during September 2-6, 2013.

Centre for Endangered Languages

The linguistics faculty's proposal for establishing a Centre for Endangered Languages was approved by the UGC in January 2014. The Tezpur University CFEL has been identified as a cluster head. Rajiv Gandhi University, Arunachal Pradesh and Sikkim University, Sikkim are part of the consortium. The CFEL will document and research endangered languages in different parts of North East India.



Seminar on Aging in India with Special Reference to North East India

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SELECT LIST OF AWARDS AND ACHIEVEMENT

- Prof. Mihir K Chaudhuri was presented the Distinguished Honoured Lecture Award by American Chemical Society - Green Chemistry Initiative on 04 December 2013.
 - Prof. S. K. Sinha was Awarded United States patent US8495744 B2 on "Evaluation of risk of conflict for security solutions integration" co-authored with Paul El Khoury and Azzedine Benameur on 23 December 2013.
 - Prof M A Kalam was invited as Scholar-in-Residence for Interaction with Research Scholars and Faculty, Dibrugarh University, Assam, 20 December 2013.
 - Prof C K Sharma was invited as Visiting Fellow, Centre for Advanced Study in Sociology, Delhi School of Economics, February-March, 2014.
 - Prof. D. K. Bhattacharyya and Prof. N. Sarma are elected as Fellow member of IETE.
 - Dr. M. Mandal, Dept of MBBT, has received the DBT, Govt of India Overseas Associateship for NE states. He is presently working at Harvard Medical School, Boston, USA.
 - Prof. N. Karak was awarded the technology innovation award 2013 by the Ministry of Chemical and Fertilizers, New Delhi.
 - Prof. N. S. Islam is re-elected as Governing Council Member of CRSI for three years .we.f 2014.
 - Dr Utpal Borah was awarded JSPS Bridge Fellowship by Japan Society for the Promotion of Science, 2013.
 - Dr. Debasish Borah was honoured with the "Award for Excellence in Thesis Work" for the year 2011-2013 for outstanding research contribution by IIT Bombay.
 - Dr. Rupjyoti Gogoi is selected as Member, International Science Development Team, Thirty Meter Telescope proposed to be built in Hawaii, USA.
 - Dr Arup Kumar Nath, Assistant Professor in Linguistics, has been awarded a Deutscher Akademischer Austausch (DAAD) scholarship to do research in Germany in the summer of 2014.
 - Dr. Sanjib Banerjee's research paper received 'Second Best Paper Award' in the '1st International Conference on Advances in Mechanical Sciences (ICAMS 2014)', January 9-11 (2014) Hyderabad, India.
 - Best Poster Award for Niltopal Das, K.P. Sarma, Manish Kumar (2013): Tracing the significance of the river Brahmaputra for Arsenic enrichment and mobilization" Water Quality: Status, Strategies And Technologies, IIT Guwahti, WSSO, PHED, Govt. Of Assam; 12/2013.
 - Sabyasachi De, B.Tech in Mechanical Engineering (2008-12 batch), has cleared the prestigious Indian Engineering Services (IES) examination conducted by the UPSC in June 2013.
 - Dr. Sanjoy Ketan Paul (Ph.D. 2002) Joins as Professor & Head Clinical Trials & Biostatistics Unit QIMR Berghofer Medical Research Institute Queensland, Australia
 - Dr. Gautam Kalita (M.Sc. 2010, Ph.D. 2014) was appointed as Assistant Professor at Indian Institute of Information Technology (IIIT), Guwahati.
 - Students of Mechanical Engineering have achieved All India Ninth rank in Efficycle: 2013 held at Punjab University, a National level automotive design, fabrication and performance testing competition by SAE, India.
 - Anup Sharma, MA English second semester and Kalyani Kausik, B Tech in Mechanical Engineering were best debaters in UNIFEST 2013 held at Lalit Narayan Mithila University, Darbhanga, Bihar during November 23 to 27, 2013.
 - Sujata Pramanik received the Industrial Green Chemistry Innovation award 2013 (student's category).
 - Ananya Barua and Rupamjyoti Bez B.Tech. Final Year Students were awarded Best Paper on Innovation and Commercial Viability and 3rd Best Paper in Geo-Congress 2013 .
 - Himali Horo and Aditi Saikia (2nd Semester M. Tech. Students) received third prize in Essay competition 2013 organised by Asian Paints (Topic: Anti corrosive paints)
 - Mr Dhrubajyoti Gogoi, M.Sc.(Phy.) IV semester, selected as Mr Sonitpur in weight lifting championship 2013-2014.
- o Twenty Nine students from Mechanical Engineering Department have cleared GATE-2014.**

Other Achievements

o The following students from the Department of Physics have cleared NET/GATE/SLET in 2013; Debashis Sharma (ii) Anshuman Borthakur (iii) Animesh Barman (iv) Lakhi Chetia (RS) (v) Debabrat Kalit (RS) (vi) Mr Sibasish Dutta (RS) (vii) Ms. Ananya Mukherjee (RS) (viii) Mr Rupam talukdar (M.Sc. (Phy.) IV semester.

o The following students have cleared UGC-NET in English and Linguistics in June and December 2013: Nupur Sinha (batch 2008-10), Rajashree Dutta (2010-12), Bidarbha Sikha Dolakshoria (2010-12), Mompi Chodhury (2010-12), Parag Kumar Deka (2010-12; JRF), Himadri Gogoi (current final semester), Trisha Borgohain (current final semester), and Lucky Dey (current Project Fellow).

Select List of Projects

- Three faculty members of the Department of Molecular Biology and Biotechnology (MBBT) such as Prof. A.K. Mukherjee, Dr. S. K. Ray and Dr. R. Mukhopadhyay have been selected individually for projects by DBT, Govt of India under the Scheme "Units of Excellence-NER" (U-Excel-NER). The amount allotted per project under the scheme is more than 100.00 lakh in each case.

- Five research projects funded by different funding agencies (viz. DST & UGC) of total amount around 1 Crore is currently running under different faculties of Mechanical Engineering Department.

- Dr K Kikhi, Dept. of Sociology, Principal Investigator UNICEF sponsored project "Status report on children and women in the tea gardens of ATCL".

- Dr K Kikhi, Principal Investigator, ICMR sponsored project "Gender and Mental Health in Assam: A study on Magnitude, Causes and Impact of Mental Illness on women".

- Ms. Sarmistha Das, Principal Investigator, ICSSR sponsored project "Class, Caste and Commons- A study of Nagaon District of Assam".

- Dr. Pallabi Medhi, Performance evaluation of some Markovian and non-Markovian queuing system with Impatience customer. P.I., Amount of Grant: Rs. 6 lakh.

- Prof. M. Barbora. Digital Language Preservation. Funded by DeitY. 2013-16. 39.16 lakhs

- Prof. M. Barbora. Indian Languages Corpora Initiative (ILCI) Phase II Assamese Group. Funded by DeitY. 2012-15. 61.53 lakhs

- Prof. N. Sarma & Mr. S. K. Deka, *MAC Protocols Design for Cognitive Radio Networks*. Funded by – DeitY. Rs.72, 84,000. 2013-2015

- Prof. A. Choudhury, *Enhancement of luminescent quantum efficiency and magnetic properties of functional nanomaterials and related computational studies*. 2011-2014 DST (Nano Mission) 218.23 lakhs.

- Prof. A. Kumar, *Development of novel Polymer-silicate nanocomposite electrolytes for lithium ion rechargeable batteries*. 2011-2014, UGC 10.2 lakhs.

- Prof. A. Kumar, *Development of biologically functionalized conducting polymer nanostructures for biosensing applications*. 2013-2016, DAE-BRNS 24.7 lakhs.

- Prof. J. K. Sarma, *Studies on Gluon Distribution Function and Recombination of Partons*, 2010-2013 UGC 5.99 lakhs.

- Prof. N. S. Bhattacharyya, *Synthesis and development of broadband EMI shielding materials using magneto-dielectric-nanoparticles*. 2010-2013, DIT, 80 lakhs (approx)

- Prof. N.S. Bhattacharyya, *Microwave Technology based Tea Processing Systems for NE States*, 2013-2016 SAMEER 55.3 lakhs

- Prof. N. Das, *Study of the role of collisions and their effect on instabilities in high density laser-plasma interactions as well as low-density plasma transport*. 2012-2015 DAE-BRNS 24.532 lakhs

- Prof. N. Das, *A Study of the dynamics of dust particles in strongly coupled plasma*. 2013-2016 UGC, 9.658 lakhs

- Dr. G. A. Ahmed, *Investigation of photocatalytic response of TiO₂ nanostructures under doping and irradiation for practical applications*. 2013-2016 UGC 13.978 lakhs

PROJECTS ONGOING

- Dr. D. Mohanta, *Investigation of magneto viscous and magneto optics properties of novel ferrofluids*. 2010-2013 UGC-- 8.338 lakhs
- Dr. D. Mohanta, *Photonics properties of rare earth doped nanoscale semiconductors subjected to energetic ion irradiation*. 2011-2014 IUAC-- 3.63 lakhs
- Dr. P. Deb, *Study on the controlled self-assembly of magnetic nanostructures using neutron scattering* 2013-2016 UGC-DAE--7.67 lakhs
- Dr. P. Deb Development of nanomaterial based dual mode contrast agent and their surface mediated conjugation study from first principles, 2013-2016 DBT --122.25 lakhs
- Dr. P.K. Karmakar , *A plasma-based study of solar equilibrium structure and fluctuation dynamics*. 2012-2015 DST-SERB -- 12.48 lakhs
- Dr. M.K. Das, *Studies on FL and xF3 structure functions of hadrons in lepton-nucleus scattering and related nuclear effects*. 2012-2015 DAE- BRNS-- 16.31 lakhs
- Dr. M.K. Das , *Study on neutrino masses and mixing in context of recent neutrino oscillation data*. 2013-2016 UGC-- 10.508 lakhs
- Dr. A. Pathak , *Theoretical spectroscopic studies of polycyclic aromatic hydrocarbon molecules and astro-physical implications*, 2013-2016 DST --13.20 lakhs
- Dr. P. Nath , *Design consideration of SERS substrate for getting extremely enhanced Raman signal*. 2013-2016 DST-SERB 27.24 lakhs
- *Soil plant atmospheric study in relation to the CO2 flux from terrestrial ecosystem of Assam* --Ministry of Earth Science, GOI 2013 -- Rs. 54.89 Lakh
- *Spatial and Temporal variation of aerosol optical depth (AOD) on Mid Brahmaputra valley*, UGC 2013 --Rs. 10.10 Lakh
- *Studies on distribution, behavioural ecology, habita structure and conservation of newly discovered Arunachal macaque (Macaca munzala) in western Arunachal Pradesh India* DST, 2013 Rs. 23.98Lakh, region SERB 2013, Rs. 24.60 Lakh
- *Hydro-geomorphic characterization of Manas- Aie and Gaurang river basins- A baselione study of geomorphic response to observed precipitation change over Indian region* , SERB 2013, Rs. 24.60 Lakh
- *Modelling Atmospheric Pollution and Networking (MAPAN)* Director IIT M 2013, Rs. 20.32 Lakh
- *Documentation, collection and preservation of biodiversity of Tezpur University* , Tezpur University 2014 Rs. 2.15 Lakh.

Commercialization of IP

Tezpur University has successfully developed a novel Chilli Spray using indigenous Bhoot Jolokia found abundantly in the State. This particular variety found in Assam and Nagaland is one of the hottest varieties of chilli in the World. The spray has passed several stages of testing and technology development and has now attained its marketable form. The inventors Prof. M. K. Chaudhuri, Vice-Chancellor, Tezpur University, Prof. C. L. Mahanta, Dean, R&D Cell and Mr. D. Kalita, Technical Officer, Department of Food Engineering and Technology, along with Tezpur University's Technology Partner Mr. M. K. Shetty, Director, Kaiser Fluids Inc. Bangalore demonstrated the effectiveness of the product.



From left Mr. B. Das. Registrar, Mr. D. Kalita, Prof. M. K. Chaudhuri, Vice-Chancellor, Tezpur University, Mr. M. K. Shetty, Director, Kaiser Fluids Inc. Bangalore and Prof. C. L. Mahanta, Dean, R&D Cell. K. Chaudhuri, Vice-Chancellor, Tezpur University, Mr. M. K. Shetty, Director, Kaiser Fluids Inc. Bangalore and Prof. C. L. Mahanta, Dean, R&D Cell.

NEWS AND EVENTS

21st Foundation Day Celebrated

Tezpur University celebrated its 21st Foundation Day with a day-long programme which included three Foundation Day Orations by three leading educationists of the country, distribution of winter gifts to school children and cultural and literary events. Coinciding with the occasion, 27 students of the University who brought national level accolades from inter-university meets were awarded. Eight non-teaching employees were also presented with Best Performance Awards in the function. Apart from these, 126 pairs of shoes along with socks were gifted to the children of the nearby Gandhi Suworoni Prathomik Vidyalaya, Amolapam.

Hindi Cell

In compliance with the instructions of Government of India and in order to create an environment of Hindi in the University, Hindi Fortnight was organized during September 1-14, 2013 by the Hindi Cell of the University. Various competitions like Essay Writing, Extempore Speech, Technical Terminology Test, Quiz etc. were organized for staff and students of the University.

Techxetra : The Technical Festival of Tezpur University



Prof Andre Betellie, FBA, India's renowned Sociologist inaugurated Techxetra 2013. Various technical competitions, events, workshops and management programs were held during the three days. Invited talks were delivered by Dr. K.Vishwanathan (Retired Deputy Director, ISRO), Team INDUS (The only Indian team leading the charge of India to win Google Lunar X Prize mission), Jurgen Reinhard (Life Cycle, Assessment Specialist, EMPA Switzerland) among others. During the 'Webinar', an online video interaction was conducted with Dr. Rolf Landua, CERN Physicist and Spokesperson for the ATHENA experiment who talked to the students directly from his CERN laboratory. There were exhibitions by DRDO, Indian Air Force, several book stores, North East Tourism Department and Phillanumis club of TU.



Techxetra 2013 concluded with a musical extravaganza by the popular singer Benny Dayal.

February 20- 23 , 2014: Annual Meet

The Annual Meet of Tezpur University is organized every year in the last week of February. It is one of the most awaited events for all students. There were almost 50 competitions under different sports and cultural categories. The participation of the students in the Annual Meet was outstanding.



Performance by renowned violinist Manoj Baruah during Annual Meet



Mr. Tarun Saikia addressing the students during the inaugural session of the Annual Meet



Cultural Procession Competition of Annual Meet 2014



Prize Distribution by DSW Prof. Deben Baruah

March 22 – 29, 2014 – Workshop on Bihu Dance and Dholbadon

A workshop on Bihu Dance and Dholbadon was organized by Tezpur University from 22nd to 29th March 2014 under the able guidance of Sri Somnath Bora (Ojha). Around hundred boys and girls enrolled for the workshop in the age group of 3 to 25. On the closing day the Honourable Vice Chancellor graced the occasion and distributed certificates. It was a very successful workshop.



UNIVERSITY EVENTS

Tribute to Dr Bhupen Hazarika

On 5th November 2013, a tribute was paid to Xudhakontho Dr Bhupen Hazarika. Prof. Mihir Kanti Chaudhuri the Honourable Vice Chancellor graced the occasion as chief guest. Prof. Pradip Jyoti Mahanta was invited as the speaker for the evening. It was followed by some performances by the students of the University.



Seema Biswas staged a play

Renowned actress Seema Biswas staged a play in the University on 13 November 2013. The play, "Streer Patra" written by Kaviguru Rabindranath Tagore, was enacted and directed by Seema Biswas. The play was followed by an interaction with the audience.



All India Inter University Youth Festival 2014

A team of 14 students from Tezpur University participated in the cultural and literary competitions of 29th All India Inter University Youth Festival organized by Association of Indian Universities in association with Kurukshetra University, Kurukshetra, Haryana from 18th to 22nd February 2014.

Shilpi Diwas Celebrated

Shilpi Diwas was celebrated in the University on 17 January 2014. Renowned singer and national award recipient Srimati Tarali Sarma was invited as the guest speaker for the occasion.



September 21, 2013: JUNJ - Stage play by Students



A play named "JUNJ" based on Shakespeare's famous play *Othello* was staged by the students of the University at Kalaguru Bishnuprasad Rabha Auditorium on 21st September 2013. The play was widely appreciated by the whole University fraternity.



The Eighteenth Tezpur University Students' Council (2014-2015)



From Left bottom: Sorat Doley (Hobby Club Secretary); Niborna Hazarika (Magazine Secretary); Soheni Bhattacharjee (Cultural Secretary); Ranjan Das (General Secretary); Proff. D.C. Barua (DSW); Prabal Mazumdar (Vice President); Saurav Chakraborty (Assistant General Secretary); Nirmali Barman (Literary Convenor); Homen Lahan (Indoor Games Secretary); Akuib Ali Hazarika (Sports Secretary).
Left Middle: (Executive member from each School and Department) Ayushmaan Debraj, Kaustav Jyoti Goswami, Ananya Hazarika, Kasturi Sarmah, Manjushna Sudhakaran, Sushmita Kumari, Niku Das, Sumant Push P
Left Top: Bibek Mohan Sarmah, Hemen Das, Dinesh Mishong, Nijw M Mushahari, Mridul Suklabaidya.

New Faculty Members



Mr. Subhadeepta Ray, M.Phil
Sociology, Asstt. Professor



Mrs. Reshma Kumari Tiwari,
M. Com, Busi. Adm. Asstt. Professor



Mr. Bidyum Medhi,
MA, EFL, Asstt. Professor



Dr. Sanjeev Pran Mahanta,
PhD, Chem Sc, Asstt. Professor



Dr. Somnath Paul, PhD
Maths Sc, Asstt. Professor



Ms. Ningshen Zingjarwan,
M.Phil, EFL, Asstt. Professor

Editorial & Design Team: Dr. Hemjyoti Medhi, Ms. Kapou Malakar, Ms. Bashabi Gogoi, Dr. R. R. Hoque, Dr. Parasmoni Dutta, Dr. Bhabesh Nath and Dr. Anjan Bhuyan

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