



TEZPUR UNIVERSITY

# NEWSLETTER

VOLUME 10 : NUMBER 2 : DECEMBER, 2017

## Tezpur University finds position in Global Rankings



The QS (Quacquarelli Symonds) BRICS University Rankings 2018 which feature 300 top universities from Brazil, Russia, India, China and South Africa (BRICS) placed Tezpur University in the 171-180 band.

### Times Higher Educational World University Rankings



The Times Higher Education (THE), one of the leading providers of higher education data globally, declared its World University Rankings 2018 on the 5<sup>th</sup> of September, 2017, in London. The ranking agency has listed 1000 Universities in its Ranking 2018 and for the second consecutive year, Tezpur University has been placed in the 601-800 range. Further, the University finds itself at the 34<sup>th</sup> position in the Times Higher Education World Young University Rankings 2017 (under 50 years) under Generation “Y”.

Tezpur University was also placed at the 140<sup>th</sup> position in the BRICS & Emerging Economies University Rankings 2017.

### In this issue

- 2 - FROM VC'S DESK AND EDITORIAL
- 3-4 - AWARDS AND ACHIEVEMENTS
- 4-11 - NEWS/EVENTS/CONFERENCES/SEMINAR
- 11-13 - NEW AND ONGOING PROJECTS
- 13 - PLACEMENT ACTIVITIES
- 14 - OUTREACH
- 15 - CULTURAL EVENTS
- 15 - SPORTS ACTIVITIES





### *From VC's Desk*



I am really happy to note that the 10<sup>th</sup> volume of our *Newsletter* is being published on the happy occasion of the XV Convocation of the University. I am sure the readers would get a fair idea about the academic and co-curricular activities and the achievements of our students, faculty and employees from the write ups printed in this issue of the *Newsletter*.

The *Newsletter* also rightly highlights our humble efforts to make meaningful contribution to the society.

The editorial board has tried to make this publication as informative as possible. I thank all the members of the *Media Cell* for bringing out the *Newsletter* in a befitting manner.

- Madan M. Sarma

### *Editorial*

Since the last issue (April 2017), Tezpur University has witnessed a number of significant developments. On the research front, the University's "h-Index" has gone up to 55 while on the global ranking, the University has secured the 34<sup>th</sup> position under Generation "Y" in the *Times Higher Education World Young University Rankings (2017)* that ranks the universities under 50 years of age worldwide. However, in the domestic *NIRF India Rankings 2017*, the University's position slipped significantly from last year's. In order to regain the glory in the domestic ranking and to enhance its position in the world ranking, the students, faculty and non-teaching staff members are working hard in all areas concerning the University's growth.

One of the major shifts in the University's administration that occurred during this period is the change of guard at the Vice Chancellor's office. While Prof. Mihir Kanti Chaudhuri

relinquished office on May 20, 2017, after completing two full tenures as Vice Chancellor, Prof. Madan M. Sarma, the senior-most professor of the University, took over charge of this apex office on the following day.

As the responsibility of publishing the *Newsletter* has been given to the *Media Cell* from the current issue onwards, we would like to appeal to all concerned to extend full support and cooperation so that the coming issues of the University's mouthpiece meet the expectations of the readers. We take this opportunity to thank all those who extended support and help in bringing out the present issue of the *Newsletter*.

- Editorial Team

## A W A R D S   A N D   A C H I E V E M E N T S

### MHRD's "Rajbhasha Shield"



Adding another feather to its cap, Tezpur University bagged the MHRD's prestigious Rajbhasha Shield award for the best implementation of the official language, Hindi, for the year 2015-16. The Union Minister of State for MHRD, Shri Mahendra Nath Pandey, presented the award to Prof. Dhruba Kumar Bhattacharya, Dean of Academic Affairs and Shri Kul Prasad Upadhyay, Hindi Officer of the University, on May 24, 2017 in New Delhi.

- Dr. Pankaj Barah has been awarded 'Ramalingaswami Re-entry Fellowship' by the Ministry of Science and Technology, Department of Biotechnology, Government of India.
- Prof. D.C. Baruah joined as Visiting Professor in the Department of Mechanical and Industrial Engineering, University of South Africa.
- Prof. Kedilezo Kikhi was appointed as *Dr. Ambedkar Chair Professor*, Tezpur University, on 18th April, 2017.
- Prof. Chandan Kumar Sharma, Department of Sociology, was nominated as a member on the Governing Council of Centre for Southeast Asian Studies, Gauhati University in May, 2017.
- Dr. N. D. Namsa, Department of Molecular Biology and Biotechnology, was awarded DBT Biotechnology overseas associateship award for the year 2017-18.
- Prof. Kali Prasad Sarma, Department of Environmental Science, published a book titled *Ardrabhumi aru Asom*.
- Prof. Madan M. Sarma, Dept. of English & Foreign Languages, published two books: *Barnamoi Biswa Sahitya* (Critical Essays on World Literature) published by Gauhati University, June 2017 and *Anubad Adhyayan : Tatva aru Prayog* (Translation Studies: Theory and Practice) published by Bandhan, Guwahati, July 2017.

### INSA Young Scientist Medal

Dr. Sanjay Pratihari, the then IN-SPIRE Faculty of the Department of Chemical Sciences has been awarded the prestigious Indian National Science Academy (INSA) Medal for Young Scientist Award for the year 2017 for his excellent contribution to multi-metal complexes, theoretical understanding, selective sensing of  $Hq2+$  ions and important applications in agriculture.

### Prestigious Publications

A paper titled "Disease biomarker identification from gene network modules for metastasized breast cancer" by Prof. D. K. Bhattacharyya and his team has been published in Scientific Reports of NATURE PUBLISHING GROUP.

### Patent Granted

Prof. Robin Kumar Dutta and Suresh Kumar Nath have been granted a patent for an invention entitled "A highly efficient defluoridation method by in-situ generation of an efficient precipitant and strong adsorbents of fluoride in crushed limestone fixed bed column and plug flow reactors".

### Best Paper Award

The paper titled "Sample Entropy based Selection of Wavelet Decomposition Level for Finger Movement Recognition Using EMG" by Nabasmita Phukan and Nayan M. Kakoty was adjudged the Best Paper in the 2<sup>nd</sup> International Conference on Advanced Computing and Intelligent Engineering held during 23-25 November, 2017, at Central University of Rajasthan, Ajmer, (Springer Publication).



## Best Team at *Parag Das Memorial All-Assam Inter-College Debate Competition*

Carrying forward the tradition of high quality debate and discourse, two students of the institution, Ms. Sneha Roy and Ms. Maitreyee Dutta bagged the Best Team Award in the 21<sup>st</sup> Parag Das Memorial All-Assam Inter-College Debating Competition held at the Assam State Museum, Guwahati on August 27, 2017. Both are from the Department of English and Foreign Languages and have won this coveted prize for the second time in a row. Ms. Sneha Roy also finished second in the individual category. It may be mentioned that Tezpur University has been securing the Best Team since 2013 in this competition organized annually in memory of late journalist Parag Kumar Das who was also an eminent debator during his college days.

## NIRF India Rankings 2017



Tezpur University ranked 30<sup>th</sup> in NIRF India Rankings 2017 among Universities and 48<sup>th</sup> among all institutions. Department of Business Administration Ranked 39<sup>th</sup> in the NIRF Ranking 2017 under Management Category.

## First Prize in Short Film Making Competition

Ms. Babli Mondal and Ms. Sadika S. Laskar of Dept. of Mass Communication & Journalism, TU won the First Prize in a Short Film Making Competition on the theme 'Pollution' organised by Assam Don Bosco University on the occasion of *World Earth Day 2017*.

# NEWS / EVENTS /

## The XIV Convocation



Tezpur University held its XIV Convocation on April 07, 2017, where Professor Goverdhan Mehta, former Vice Chancellor, Hyderabad University, and a leading scientist in the area of Chemical Sciences and Organic Chemistry, graced the occasion as the Chief Guest and delivered the Convocation address. Shri Banwarilal Purohit, Governor of Assam and the Chancellor of the University, presided over the Convocation and conferred the degrees, diplomas and medals on the qualified students. During the Convocation, 56 Doctoral degrees, 618 Master's degrees, 251 Bachelor's degrees and 31 diplomas were conferred on the students who passed in 2016. In addition, 30 students were honoured with gold medals, for being toppers in their concerned subjects. The "T&I Best Post Graduate Award", "Best Graduate Award" and the "Polymer Science Award" were also conferred during the event. A total of 962 students received their degrees and diplomas in the convocation.



# CONFERENCES / SEMINAR

The *Bimal Bhagwati and Bijoy Chandra Bhagwati Memorial Essay Competition, 2017*, were organized at Tezpur University on April 21, 2017. The essay competition was sponsored by Dr. Jaimini Bhagwati, former Indian High Commissioner to UK, who is the son of Late Bimal Bhagwati and Late Bijoy Chandra Bhagwati.

## Bimal Bhagwati and Bijoy Chandra Bhagwati Memorial Essay Competition 2017 organized at Tezpur University

### WORKSHOP ON

## Information Access and Analysis in the Innovation and Research Value Chain

A day-long workshop was organised by the Tezpur University Intellectual Property Rights Cell in collaboration with the Central Library, Tezpur University, on May 10, 2017, for the students and researchers of the University. The main aim behind the workshop, in addition to the Annual Patent Search and Analysis, was to give a hands-on exposure to the diverse information sources/databases that may be accessed for various subjects such as Science, Technology, Humanities and Languages.



## Prof. Mihir K. Chaudhuri Demits VC's Office



The Tezpur University community on May 20, 2017, bade adieu to Prof. Mihir Kanti Chaudhuri on completion of his tenure as the Vice Chancellor of the University. Prof. Chaudhuri was the University's longest serving Vice Chancellor who served the University for two full terms (10 years). The University authority presented his retirement benefits on his last working day – a tradition that began during his tenure – apart from other mementos and traditional gifts.

## Prof. Madan M. Sarma takes charge as VC

Prof. Madan M. Sarma, the senior-most faculty member of the University, currently teaching at the Department of English and Foreign Languages, took charge as the acting Vice Chancellor of the University on May 21, 2017.

## N E W S / E V E N T S / C O N F

## Talk on 'Goods and Services Tax'

The Department of Commerce, Tezpur University, took the initiative in organizing a talk on “Goods and Services Tax (GST)” on August 24, 2017, in the Council Hall of the University. The main motive behind holding such a discussion was to create awareness about the various aspects of the GST. Mr. Surinder Dugar, a noted Chartered Accountant of Tezpur, briefed the students and other participants about the nitty-gritties of the GST.



## First Dr. B.R. Ambedkar Lecture

The *Dr. Ambedkar Chair* of Tezpur University organized the inaugural **Dr. Ambedkar Lecture** on August 18, 2017. Noted Human Rights Activist Professor Anand Teltumbde, Senior Professor, Goa Institute of Management, delivered a lecture on ‘Ideals of Dr. Ambedkar and Indian Democracy’. On the same occasion, the prizes of Dr. B.R. Ambedkar National Essay Competition 2016, organized in collaboration with Dr. Ambedkar Foundation, were distributed.

## Colloquium on World IPR Day

With “Innovation – Improving Lives” as the theme, the Tezpur University Intellectual Property Rights Cell celebrated the 17<sup>th</sup> World Intellectual Property Day on April 26, 2017. The celebrations included a half-day programme comprising events like IPR Day Quiz, Best Innovative Idea Competition and Slogan Writing Competition relevant to Intellectual Property Rights. This year, 23 groups consisting of 46 students participated in the quiz competition.

## Pandit Deendayal Upadhyay Birth Centenary

The Birth Centenary of great Indian Philosopher and political scientist Pandit Deendayal Upadhyay was celebrated from September 6 to 25, 2017, at Tezpur University. The faculty members, research scholars, students and staff members of the University participated in the centenary celebrations with great enthusiasm.

## Yeh India Ka Time Hain

A “Brainstorming Session” was organised among the students of Tezpur University on the topic: “New India 2022: Prospects and Challenges of Higher Education”. The brainstorming session was moderated by Dr. Gaurangi Maitra, Scientist, DBT Nodal Centre, Tezpur University. Apart from the students, the “Brainstorming Session” was attended by faculty members, research scholars and administrative officers of the University. The session was followed by the pledge “Sankalp Se Siddhi”. After the pledge, a rock performance by “Voodoo Child”, a Guwahati-based rock band, was featured.





## E R E N C E S / S E M I N A R



## 3<sup>rd</sup> International Day of Yoga

Along with the rest of the country, Tezpur University celebrated the 3<sup>rd</sup> International Day of Yoga with great enthusiasm on the University campus. Various Yoga related activities, such as, demonstration and exhibition of different yoga *asanas* and postures, online essay competition on the theme “Yoga for Healthy Living”, quiz competition on Yoga, etc. were held during the day. A week-long yoga camp for different age groups was also organised under the guidance of Yoga coach Mr. Pawan Kumar Sarmah and Yoga coordinator of the University, Prof Papori Baruah from June 15<sup>th</sup> to June 20<sup>th</sup>, 2017.



### Induction Programme for Newly Recruited Teachers

- Following the directives of the Ministry of Human Resource Development, Govt. of India, the Teaching Learning Centre (TLC) of Tezpur University is organising a month-long (23-11-17 to 22-12-17) residential INDUCTION PROGRAMME for the newly recruited teachers. The objective of the programme is to help the new recruits enhance the quality of teaching learning and standardise the delivery mechanism. They are also apprised of the latest developments in the field of higher education.

### NAAC Assessors Orientation Programme

- The National Assessment and Accreditation Council (NAAC) conducted a two-day (14-15 Dec, 2017) Assessors' Orientation Programme at TU. A number of Vice Chancellors, senior Academicians from the NE region, senior officials from NAAC and experts in the domain participated. The event was jointly organised by NAAC and TU.





# N E W S / E V E N T S / C O N F

## **National Stock Exchange Certified Capital Market Professional (NCCMP) Programme offered at TU:**

The Department of Business Administration, Tezpur University, in collaboration with the National Stock Exchange (NSE), started a NSE Certified Capital Market Professional (NCCMP) programme on August 29, 2017. The objective of this part-time Professional Certificate Programme in Stock Market was to provide practical exposure to the participants and to create skilled manpower in the financial securities market. The duration of this part-time job oriented skill building programme is one semester.

**The newly elected body of Tezpur University Students' Council, 2017-18,** headed by President Harish Jangid took over charge from the outgoing members on 03.10.2017.

**The Society for Molecular Biology & Evolution (SMBE) Satellite Meeting** on 'Evolution of Microbes in Natural and Experimental Populations : Synthesis and Synergies' was held during 14-16 December 2017 at Kaziranga. A number of molecular biologists from UK, France and India participated in the meeting that was jointly organized by the University of Bath, UK, and Tezpur University.

**The Solar Energy Corporation of India, New Delhi,** has approved Tezpur University's proposal to install the photovoltaic based power plant at the University Campus, under the Grid Connected Rooftop Solar Photovoltaic Power Plant Scheme at Government Buildings. The project will be installed under RESCO mode, where Solar Project Developer will install, operate and maintain the project for the period of twenty-five years and the University will purchase the generated energy from the solar power plant.

**Department of Computer Science and Engineering Tezpur University** in association with Department of Computer Science and Engineering, IIT Guwahati organized a Workshop on '**IoT and Security**' during March 27-28, 2017. The workshop included valuable deliberations of experts from Indian Institute of Technology, Guwahati and Indian Institute of Information Technology, Guwahati on the state-of-the-art *802.11 Wi-Fi Networks* and *Cloud*

*Security* along with discussions and exchange of different ideas on the subject.

**A workshop on Arsiron Nilogon** was conducted by the Department of Chemical Sciences on 10<sup>th</sup> September, 2017 under the convenorship of Prof. R.K. Dutta.

**Department of Chemical Sciences** organised a workshop on Sanchi-Pat on 11 September, 2017 under the convenorship of Prof. R.K. Dutta.

**Department of Chemical Sciences** organised a lecture on the topic, "Chemistry, Biology and Medicine: a continuum" delivered by Dr. Ch. Mohan Rao, FTWAS, FNA, FASc., FNASc, FAPSc, FTASc, Former Director and Sir JC Bose National Fellow, Centre for Cellular & Molecular Biology (CCMB), Hyderabad on 15<sup>th</sup> May, 2017.

**Lecture on the topic "Conducting Polymer-Biosensor"** by Dr. Rupali Gangopadhyay, Faculty Member, Institute of Engineering and Management, Kolkata, was organised in the Department of Chemical Sciences on 25 May, 2017.

**A talk on the topic "Conceptual DFT and its application to Chemistry"** by Prof. R.K. Roy, BITS, Pilani was organised in the Department of Chemical Sciences on 14<sup>th</sup> June, 2017.

**Two weeks STTP** was conducted on "Foundation Program in ICT for Education" of MHRD under T10KT project from 20 July to 24 August 2017 under the Convenorship of Dr. Soumik Roy.

**Two weeks STTP** on "Pedagogy for Online and Blended Teaching-Learning Process" of MHRD under T10KT project from 14 September to 12 October 2017 under the Convenorship of Dr. Soumik Roy.

**Five weeks student programme on "Soft Skills"** Under College to Corporate Program of IIT Bombay from 04 September – 07 October 2017 Dr. Soumik Roy.

**International Symposium** on Sustainable Urban Environment was held during June 23-24



## E R E N C E S / S E M I N A R

in the Dept. of Environmental Science.

**The 25th edition of the national conference Condensed Matter Days - "CMDAYS-2017"** was held at Department of Physics, Tezpur University on 29-31<sup>st</sup> August, 2017

Dept. of Commerce organised a discussion titled *Money Ki Baat* on October 24, 2017. Sri Surendra Kumar, IPS, DGP, CID, Assam Police and Sri Pallav Bagaria, CEO, Brand New Day were present on the occasion.

**Department of Business Administration**, Tezpur University Celebrated World Tourism Day on September 27, 2017. During the occasion, "Sparsh", an Institutional Social Responsibility Club (ISR) was inaugurated along with a Tourism Resource Centre.

**An interactive cum skill building session on Leader Speak** by Mr. Purba Jyoti Sharma, Regional Sales Manager- North East Region, *Nestle* was organised in Department of Business Administration on September 18, 2017.

The Department of Business Administration, Tezpur University and Department of Business Administration, USTM, Meghalaya jointly organised a **National Seminar on "Managerial, Commerce and Economics- 2017"** (Emerging Trends in Business & Economic Development in India with reference to North-Eastern Region) on May 19 and 20, 2017.

Department of Sociology in collaboration with Action Aid Association conducted a workshop "**Our Urban Futures**" on 29 July to 5 August, 2017 at Tezpur University.

**Two Days Workshop cum Training Program on "Ribosome and Translation Techniques"** was organized in the department of Molecular Biology

and Biotechnology on 25 and 26 Nov, 2017 as a part of DBT-sponsored Unit of Excellence project.

**Tezpur University celebrated Hindi Fortnight** during 01-14 September, 2017 with participation from students, research scholars, staff and faculty members of the University.

**Centre for Endangered Languages organised the 23<sup>rd</sup> Himalayan Languages Symposium, an International conference** from 5<sup>th</sup> to 7<sup>th</sup> July 2017. Prof. George Van Driem from the University of Berne, Switzerland, was the Chairperson of the Conference. The Multidisciplinary Himalayan Languages Symposium discussed and shared various linguistic aspects of Himalayan languages.

**Tezpur University organised Town Official Language Implementation Committees (TOLIC) meeting** on June 18, 2017 amongst its member at Tezpur University.

**The 10<sup>th</sup> edition TechXetra, the annual technological festival of Tezpur University** was organised during 03-05 November, 2017. Various workshops and competitions were organised during the Technical Festival. The festival concluded with Performance by The Raghu Dixit Project.

The Department of Mass Communication and Journalism observed **National Public Relations Day on 21<sup>st</sup> April, 2017.**

Department of Mass Communication and Journalism in collaboration with The Nezine – a north-east specific web magazine organized a programme on "**Science Communication**" on 20 October, 2017. The programme included lecture by accomplished science communicators and a short workshop on digital communication.

**A three-day International Conference on the topic "Ram in Asian Life, Literature and Art** (In the special context of Northeast India)" was organized by The Department of Hindi in association with Ayodhya Research Institute, Ayodhya, Department of Culture, Govt. of Uttar Pradesh, India and supported by Vani Foundation, Delhi at Tezpur University on 20 and 22 November, 2017.





## N E W S / E V E N T S / C O N F



The Department of Education, celebrated “National Education Day” on 11 November, 2017. A number of events were organized by the department on the occasion.

A street play titled “**Thalua Kaushalar bikashei amar Bikash**” (development of indigenous skills is our development) was performed on 8<sup>th</sup> September, 2017, at Tezpur University campus on the occasion of the birth centenary celebrations of Pandit Deendayal Upadhyay by the MCJ students.

A **photography exhibition** by MCJ students was held in the MCJ department on 27<sup>th</sup> November, 2017.

**68<sup>th</sup> Constitution Day** was celebrated in Tezpur University in the form of a Public Lecture by Prof. Virginus Xaxa (Professor of Eminence) followed by screening of movie “Dr. B. R. Ambedkar” by Jabbar Patel in the screening hall of MCJ Department.

On **62<sup>nd</sup> Mahaparirvana Diwas** (6th December) of Babasaheb Ambedkar, Dr. Ambedkar Chair, Tezpur University remembered the great social reformer by offering floral tributes to him.

Tezpur University, jointly with Kaliabor Sub-Divisional Administration organised a **three-day summer camp** for the students of govt. aided schools of Kaliabor sub-division from July 14 to July 16, 2017 on the University campus. The camp was attended by 150 students from Kaliabor sub-division.

Directed by Dr. Sitanath Lahkar, “**Aei Maatite**” the first full length Assamese feature film on the burning problem of **witch hunting** was screened in KBR auditorium of Tezpur University on 24<sup>th</sup> October, 2017.

A **convention on Tiwa Language**, organized in collaboration with Sahitya Academi and Tezpur University was held at Tezpur University on 22-23<sup>rd</sup> September, 2017.

“**A Song for Everyone**” a documentary based on the reconstruction of memories related to the peace rally taken out by Hemango Biswas and Dr. Bhupen Hazarika in the 1960s to douse the fire of communal hatred that was then burning in Assam was screened in KBR auditorium of Tezpur University on 28<sup>th</sup> November, 2017.



# E R E N C E S / S E M I N A R

Department of Business Administration, TU, organized the **13<sup>th</sup> Prof. Madhab Chandra Bora (MCB) Memorial Oration** on the 22<sup>nd</sup> of November, 2017. Mr. Taku Chatung, an eminent environmentalist and social worker, and President of the Apatani Youth Association was invited to deliver the Oration.

The Dept. of Cultural Studies organised a *National Seminar on Women and Urbanity through the lens of cultural memory* during 27-28 November 2017 under the aegis of UGC's Centre with Potential for Excellence in Particular Area. The seminar

was attended by scholars from all over the country. Prof. Dismond Kharmawphlang and Prof. N. Dutta delivered the keynote addresses in the seminar.

The International Symposium on Sustainable Urban Environment (ISSUE-2017) organised by the Dept. of Environmental Science, Tezpur University, Kanazawa University, Japan, University Ruhuna, Sri Lanka and The University of Tokyo, Japan, was held at TU on 23<sup>rd</sup> and 24<sup>th</sup> June, 2017.



The students of the *Master of Tourism and Travel Management* of the Department of Business Administration have restored the 17th century stone inscriptions located on the northern hills of the Brahmaputra near the Kalia Bhomora Bridge. These inscriptions that celebrated the victory of the Ahoms over the Mughals in the battle of 1616 form a part of the tourist site maintained by the students.

## New and Ongoing Projects

- Dr. S.S. Satapathy and Dr. S.K. Masakapalli (IIT Mandi) are carrying out a project titled "Integrating Genome scale metabolic analysis of model plant pathogen *Ralstoniasolanacearum* with RNAseq and fluxomics" funded by DBT, Govt. of India.
- Prof. Nityananda Sarma is engaged in a project titled "e-Varaha: Information System for Safe Pork Production in North Eastern India" Media Lab Asia, Information Technology Research Academi (ITRA), MeitY, Govt of India.
- Prof. D. K. Bhattacharyya has undertaken a project titled "Information Security Education and Awareness". The project is funded by DeitY and an MoU has been signed to execute the project.
- Prof. D. K. Bhattacharyya is running MHRD funded project, "Center of Excellence on Machine Learning and Big Data Analysis".
- Prof. Nityananda Sarma and D. K. Jain, Director C-DAC Mohali have undertaken a C-DAC Mohali funded project, "Implementation of Distributed Honeynet System at North East to Collect, Distribute and Analyze live Cyber-attack data".
- Prof. D. K. Bhattacharyya is conducting a UGC SAP (DRS-II) sponsored project on "Big Data Analytics-Bioinformatics, Network Security and Robotics".
- Prof. D. K. Bhattacharyya and Mr. Ashish Ranjan, C-DAC, Pune are carrying out a DeitY funded project on High Performance Computing Center.
- Department of ECE has undertaken a RESPOND/ISRO funded project title: Development of Parallel Processing Embedded Hardware for Super-resolution of Diffusion weighted and Spectroscopic Magnetic Resonance Images.
- Dr. Nil Ratan Roy, Department of Education is working on an ICSSR funded project.
- Department of Sociology is carrying out a project *Social Inclusion through Constitutional Amendments: Efficacy of 73<sup>rd</sup> and 74<sup>th</sup> Amendments in the Context of India's Northeast*, sponsored by ICSSR, New Delhi (Principal Investigator: Dr. Rabin Deka)
- Department of Molecular Biology and Biotechnology (MBBT) is working on a DRDO funded project Title "Diagnosis and Immunopathogenesis of Dengue

### New and Ongoing Projects

VirusInfections; a longitudinal investigation into genotype diversity, diagnosis and immune response to dengue infections in Assam, Northeast India.”

- Prof. D C Baruah and S Mahapatra, Department of Energy are working on a DST-RUK funded project.
- Prof. D C Baruah, Department of Energy is working on a BBSRC funded project.
- Prof. Dhanapati Deka, Department of Energy has undertaken a DBT approved project on Integrated Bio-refinery from Algal Bio-based System.
- Prof. Dhanapati Deka, Department of Energy is undertaking a DST sponsored International collaborative Indo-Hungary Project on Bio-Chemical and Bio-Fuel from lignocellulosic biomass with Green Catalytic processes.
- Dr. B K Kakati (PI) is working on DST approved project (2016-19) on Biomass derived graphene based cathode catalyst for Polymer Electrolyte Fuel Cells.
- Dr. B K Kakati (PI) is working on UGC approved project (2016-18) on Oxygen Reduction Reaction catalyst for potential application in Polymer Electrolyte Fuel Cells.
- Dr. N Sarmah (PI) is working on a UGC approved project on Development and Validation of a Spectrum Dependence integrated Optical-thermal-electrical Model to evaluate the performance of High Concentrating Photovoltaic Module.
- Dr. N Sarmah (PI) is working on DST sponsored project on India-UK centre for education and research in clean energy (IUCERCE).
- Prof. K.P. Sarma (PI) is working on a Department of Atomic Energy, BARC, TROMBAY sponsored project (2014-17) titled - Spatial Distribution of Uranium And Associated Water Quality Parameters in Six Districts of Assam (Sonitpur, Lakhimpur,

Morigaon, Nagaon, Jorhat, Sibsagar).

- Dr. Manish Kumar (PI) is working on DST-SERB sponsored project (2014-17) on Understanding of Arsenic Phase Distribution And Co-Contamination Perspective With Fluoride in The Brahmaputra Flood Plains.
- Dr. Ashalata Devi (PI) is working on GBPIHED sponsored project (2014-17) titled- Sacred Groves of Assam: Biodiversity Status And Strategies for Their Conservation.
- Dr. S. S. Bhattacharya (PI) is working on DST-SERB sponsored project (2014-20) titled- Utilization of Textile Industry Sludge Through Application of Vermitechnology: An In-Sight on Metal Accumulation Potential of Earthworm.
- Dr. S. S. Bhattacharya (PI) is working on a ICAR-NASF sponsored project (2014-20) titled- Elucidating The Mechanism and Assessing Amelioration Potential Of Ocium and Lucas in Stress Induced Impaired Homeostasis on Growth and Reproduction in Zebrafish.
- Dr. S. S. Bhattacharya (PI) is working on a CSIR sponsored project (2014-20) titled- Prospect of a novel protein in earthworm gut to minimize heavy metal risk in vermicompost for sustainable crop production.
- Dr. Partha Pratim Dutta (PI) is working on a project titled- Design and Development of a Green Fuel Power Vehicle.
- Dr. Sanjib Banerjee (PI) is working on a project titled- Processing and Mechanical Property Evaluation of Micro alloyed 2219 Al Alloys.
- Mr. Satadru Kashyap (PI) is working on a project titled- Utilization of the calcium carbonate ( $\text{CaCO}_3$ ) obtained in the fabrication and study of mechanical





### New and Ongoing Projects

properties of calcium carbonate based Polyethylene composites and optimization of their manufacturing parameters using multi-objective evolutionary algorithms.

- The Centre for Assamese Studies has undertaken a massive project of digitizing about four thousand old Assamese manuscripts and printed books.
- The faculty and staff of the Centre for Endangered Languages have taken the initiative to bring out Learner's Book on nine endangered languages.
- Dr. Juri Gogoi Konwar is carrying out a MAKAIAS, Kolkata funded project entitled 'Border Trade at

Pangsau: Transcending Boundaries between India-Myanmar.

- A two-day consultative programme on up-gradation of the PG Diploma in Child Rights and Governance to a Master's programme was organized on August 28 & 29, 2017 with experts from national law schools and child rights activists.
- A Day-long Training Programme on Child Rights was organized by the Centre for Inclusive Development and the Department of Law in partnership with UNICEF-Assam on November 23, 2017.

## PLACEMENT ACTIVITIES

**T**he Training & Placement Cell (T&P) of the University has been trying to facilitate the process of recruitment of students by finding suitable recruiters. The cell could ensure on-campus placement of 113 students from 2016-2017 batch. 90% of TU's MBA graduates of 2017 batch have been placed in different organisations. A total of 48 organizations participated in the final placement process. During the period, the Cell maintained cordial relationship with 34 former recruiters and established contact with 14 new organizations. Some of the prominent recruiters that came for final placements were NEDFI, Amazon, Sap Labs, Tech Mahindra, Wipro Technologies, Cummins India, ITC, Intel, Asian Paints, Berger Paints, Pantaloon, DHL, HDFC Bank, Parle, Asian Paints, Axis Bank, Colgate Palmolive, ICICI Bank, Mahindra Finance, Zaloni Technologies, Dabur, AMUL, Papertrue, PRADAN, Tata Trust, Adani Wilmar, byju's, Apeejay Group etc.

The process of placement for 2017-18 started in September 2017 and till now 13 organizations have participated in the placement process. Placement Cell also organized various grooming programmes to enhance the scope of employability among students. Organisations like Nestle, Marico, Wipro, Cummins, Mahindra Finance, Tatamotor Finance, Asian Paints, Berger Paints, Sun Pharma, Xenium Holidays, Colgate Palmolive, Zaloni Technologies, Papertrue, etc. have participated in their placement process till now. Many more organisations and institutions have intimated their willingness to recruit from the University shortly.





## OUTREACH

- The University has adopted three villages, *Amolapam*, *Jawani* and *Napaam* where developmental activities are being carried out in phased manner in consultation with the National Institute of Rural Development & Panchayati Raj. A project at village *Jawani*, to generate energy from locally available Biomass resources to be utilized for electrification, cooking, irrigation, agro-industry, etc., is being carried out where from a number of households have already been benefitted.
- Sujit Muktan and other students of the Department Mass Communication & Journalism have carried out voluntary awareness activities like teaching in schools, showing videos on sanitation (hand washing) to school students located in interior villages, facilitating community members into participatory audio and video production, etc.
- Faculty and research scholars of the Department Mass Communication & Journalism have voluntarily conducted a day-long media workshop with the students of Army Public School, Missamari in the month of November, 2017.

### Arsiron Nilogon and Fluoride Nilogon Technologies



Arsiron Nilogon and Fluoride Nilogon are two highly efficient, safe, low-cost and simple methods for removal of arsenic and excess fluoride from contaminated drinking water. The methods are based on oxidation-coagulation at optimized pH and phosphoric acid-crushed limestone treatment, respectively.

Both methods have been developed recently by the Research Group of Dr. Robin Kumar Dutta of the Department of Chemical Sciences, Tezpur University, that have been gaining popularity at the small community level like households and schools as well as large community level in Assam and some other states. Both methods have been published in journals of high repute and also patented.





June 19, 2017: Tezpur University paid rich tributes to Kalaguru Bishnu Prasad Rabha on the occasion of Rabha Divas on June 19, 2017. Nrityacharya Jatin Goswami, Padmashree and Srimati Durgamoyee Bora graced the occasion as Guests of Honour.

August 7, 2017: Rabindra Jayanti was observed by the TU family.

August 15, 2017: Tezpur University celebrated 71<sup>st</sup> Independence Day with great fervor and joy with a day long programme.

August 16, 2017: General Freshers' Social marked the entry of a new batch of students to Tezpur University.

August 23, 2017: Tithi of Srimanta Sankaradeva was observed at Tezpur University. Shri Mayur Bora, well-known intellectual delivered a talk on the contributions of Srimanta Sankaradeva.

September 4, 2017: A 'Sattvik Veena' recital by Pt. Salil Bhatt was arranged. Kaushik Konwar accompanied him on tabla.

October 30, 2017: A group of students staged a play "Era Xutir Dhou" based on the story "Bibhotsyo Bedona" by Syed Abdul Malik. On the following day another play 'Tajmahal' was staged.

November 5, 2017: Death Anniversary of Dr Bhupen Hazarika observed at Tezpur University. Mr. Kamal Kataki, noted instrumentalist, graced the occasion as the Guest of Honour.

## CULTURAL EVENTS



## Sports Activities

As the new session began in July 2017, a number of sports activities including inter hostel football, volleyball, basketball, badminton, cricket, etc. matches were played.

### THE 21<sup>ST</sup> ANNUAL SPORTS MEET

#### Inter Hostel Football Tournament

(18/08/17 to 1/09/17)

Winner - Nilachal Men's Hostel (NMH)

Runners up - Kanchanjunga Men's Hostel (KMH)

Best player - Boluram Mogor (KMH)

Man of the Match (Final)- Khongtsa Perry (NMH)



#### Inter Hostel Basketball Tournament

(10/09/17 to 15/09/17)

Winner (men) - Charaideo Men's Hostel (CMH)

Runners up (men) - NMH

Winner (women) - PMC Women's Hostel

Runners up (women)- Dhansiri Women's Hostel (DWH)

Best player (men) -Dulal Saikia (CMH)

Best player (women) - Momita Shoh (DWH)

#### Inter Hostel Volleyball Tournament

(06/10/17 to 17/09/17)

Winner team men's - NMH      Runners up (men)- PMH.

Winner (women) - PMCWH      Runners up (women)- DWH

Best player (men) - Kunjan Saikia (CMH)





## New Visitor's Nominees on the Board of Management

- Shri Abhijit Nath** : Asstt. Prof., G.C. College, Silchar, Assam.  
**Dr. Thiyam David Singh** : Asstt. Prof., NIT, Langol, Imphal, Manipur.  
**Shri O. R. Shallam** : Associate Prof. & Head (Rtd.),  
 Dept. of History, KNG College, Jowai,  
 Meghalaya.  
**Shri Bimal Sankar Nanda** : Associate Prof., Charuchandra College,  
 Kolkata, WB.

## New faculty / staff members

- Dr. Sarat Kumar Doley, Assistant Professor, EFL (03.04.2017)  
 Dr. Moushumi Kandali, Assistant Professor, Cultural Studies (03.04.2017)  
 Ms. Karabi Bharadwaj, Assistant Professor, Civil Engg. (03.04.2017)  
 Ms. Pamidi Hagjer, Assistant Professor, Sociology (06.04.2017)  
 Mr. Vikas Verma, Assistant Professor, Energy (12.04.2017)  
 Dr. Aditya Kumar, Assistant Professor, MBBT (12.04.2017)  
 Dr. Debopam Chakraborty, Assistant Professor, Maths (17.04.2017)  
 Dr. Santanu Maity, Assistant Professor, ECE (27.04.2017)  
 Dr. Pankaj Bara, Assistant Professor, MBBT (03.05.2017)  
 Mr. Nabajyoti Medhi, Assistant Professor, CSE (16.05.2017)  
 Dr. Moon Moon Devi, Assistant Professor, Physics (17.05.2017)  
 Ms. Swdwmsri Mashahary, Laboratory Assistant, FET (01.06.2017)  
 Dr. Pratibha Deka, Assistant Professor, Env. Sc. (21.08.2017)

Chief Patron : Prof. Madan M. Sarma, Vice Chancellor, Tezpur University  
 Editorial Team : Dr. Rajeev K. Doley, Mr. Samaresh Barman, Mr. Raj Kiran Doley and Mr. Muktikam Hazarika  
 Media Cell Team : Dr. Rajeev K. Doley, Prof. Abhijit Bora, Dr. Juri Gogoi Konwar, Ms. Deena Davy, Dr. Upakul Sarma, Mr. Samaresh Barman,  
 Mr. Raj Kiran Doley, Mr. Muktikam Hazarika and Mr. Kul P. Upadhyay  
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