

# **TEZPUR UNIVERSITY** NEWSLETTER July- December, 2021

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page

East Zone Vice Chancellor's meet held to discuss Sustainable Development Goals





# Professor Pritam Deb receives Visitor's Award

In recognition of significant contribution in innovation and technology development, Prof. Pritam Deb, Department of Physics and Intellectual Property Rights (IPR) Chair Professor, IPR Cell, Tezpur University was adjudged for the prestigious Visitor's Award for Technology Development for the year 2020 for developing two-dimensional heterostructure based biodegradable film for food packaging.

The Visitor's Award is India's one of the most prestigious awards conferred annually to promote healthy competition amongst central universities and motivate them to adopt best practices from around the world in pursuit of excellence.

The President of India, by various Acts of Central Universities, is the head of Central Universities and is known as the "VISITOR". At present, there are three categories in the Visitor's Awards- Visitor's Award for Innovation, Visitor's Award for Research and Visitor's Award for Technology Development.

Prof. Deb received the award for Technology Development. His patented inventions stand testimony to his expertise in producing extremely original application-oriented innovations. His overall research contribution exemplifies innovativeness and originality in applications of fundamental principles of Physics to solve present critical issues in society and the country, overcoming the limitations of contemporary approaches. It is worth mentioning that for his significant research contribution, he has also been conferred with several prestigious awards and held many distinguished Honorary and Visiting positions in reputed international institutes. He has provided effective and inspiring leadership in science and technology for almost two decades.

# **75<sup>TH</sup> INDEPENDENCE DAY CELEBRATED IN CAMPUS**

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In the rest of the state or the country, Tezpur University observed the 75<sup>th</sup> Independence Day Celebration 2021 on 15 August 2021 in the restrictions surrounding it are certain. Due to the current Covid situation, cultural and sports programmes were organized this year.

Some of the events that were done in the online mode include a Painting competition for the children of TU employees and TU Students, a compilation of videos of patriotic songs performed by the children from the Tezpur University community which will be published on the Tezpur University YouTube channel, etc.

Through these events, the university promoted the "Azadi Ka Amrit Mahotsav" and also become the active participants of this celebration. This event was open to Tezpur University Students and Kids. Winners of the painting and contributors of patriotic songs were acknowledged on social media platforms like Facebook/YouTube as a part of the celebration.

The participants received e-certificates as a token of appreciation. Regarding prizes for each group, the first, second and third prize included Trophy with certificate. As the results were announced, the prizes were distributed on the day of Independence Day function. Meanwhile, the event saw patriotic spirit among the members of the university family at large, on Independence Day.

East Zone Vice Chancellor's meet held to discuss Sustainable Development Goals he East Zone Vice Chancellor's meet 2021- 22 was held from January 10-11, 2022. This was in order to discuss Sustainable Development Goals. Done in collaboration with Association of Indian Universities (AIU), Tezpur University initiated this in the greater interest of the cause.

Adopted by the United Nations in 2015, the Sustainable Development Goals (SDGs), also known as the Global Goals, were as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity.

Chief Coordinator, Prof Sankar Deka, said, highlighting the agenda, "The agenda for the annual meet for the year is to realize the SDGs, which include-Ensuring access to affordable and clean energy (SDG-7), Taking urgent action to combat climate change (SDG13), Conserving





marine resources for sustainable development (SDG-14); Protecting terrestrial ecosystems and halting biodiversity loss (SDG-15)".

At the meet, all the 4 SDGs will be taken up for discussion and a commitment statement will be framed for the universities to ensure that the SDGs are achieved, Professor Deka further stated. Established in 1925, the AIU is a common platform to bring all higher education institutions in India. AIU facilitates Heads of Institutions for taking up issues in Higher Education for its betterment, including organizing meets of Vice-Chancellors from time to time.

The vision of AIU is "to emerge as a dynamic service and advisory apex organization in India by undertaking such initiatives and programmes which could strengthen and popularize Indian higher education as leading-edge system in the world and promote greater national and international collaboration in Higher Education, Research and Extension, Sports, Youth and Cultural Activities."

"To promote and represent the higher education system and Indian Universities on national and international forums and establish strong liaison with the government, National/International organizations of higher education, sister associations world over and among universities through active support, cooperation and coordination among the member universities and all stakeholders for promoting quality education, research, sports, culture & values.", is the mission of prestigious AIU.

#### Silver Jubilee Celebration of the Department of Molecular Biology and Biotechnology

epartment of Molecular Biology and Biotechnology hosted the Silver Jubilee Celebration (1997 - 2021), i.e., 25th Glorious Year for the Cause of Higher Education. Prof. V.K. Jain, Vice-Chancellor, Tezpur University inaugurated the celebrations. The program was facilitated through the Google Meet platform. The celebrations began

with the University Anthem followed by one minute silence to the departed souls. Prof. R. Doley, Convenor, Head & Coordinator started with the welcome address followed by an address by Prof. D. Hazarika, Dean School of Science. The audience was further addressed by Dr. Biren Das, Registrar, Tezpur University; Prof. B.K. Konwar Chairman, Organizing Committee; Prof. A.K. Buragohain, Founder Head & Ex Faculty, MBBT; Prof. B.K. Konwar, Former HoD, MBBT; Prof. A.K. Mukherjee, Former HoD, MBBT; Prof. S. Baruah, Former HoD, MBBT; Prof. S.K. Ray, Former HoD, MBBT; Prof. A. Ramteke, Former HoD, MBBT. Achievements & future prospects of the department was elucidated by Prof. R. Doley, Head & Co-Ordinator MBBT. Prof. P. K. Bag, Ex. Faculty member and other ex. faculty, MBBT; Prof. B.



Tanti, (PhD Alumni); Dr. Ranjan Dutta Kalita (MSc Alumni); Mr. Abhishek Chanda (PhD Student) addressed the audience in the second half. Vote of thanks was given by Prof. M. Mandal, MBBT.

DEPARTMENT OF CULTURAL STUDIES CELEBRATES



Heritage Week was celebrated in the Department of Cultural Studies from 19 to 25 November 2021 through a range of activities organized by the students in the department. The various events included invited lectures, photography competition, quiz competition, competition, poster-making cultural performances, movie-screening, material exhibition and a jamming session in the finale. Ms. Ngutoli Y Swu, a doctoral scholar of the department, delivered a lecture on 'The Tangible and Intangible Cultural Heritage of the Sumi Nagas: The Interconnectedness' on 22 November 2021, in the online mode. Mr. Abhinash Bharalai, a former student of the department, screened one short documentary, titled, Chang Kobowaa apart from a number of song and dance performances presented by the students of the MA 2020-2022 batch.

## National Mathematics Day celebrated SPECIAL QUIZ ORGANIZED

The Department of Mathematical Sciences celebrated National Mathematics Day on 22nd December at the Council Hall and the department building, on the occasion of birth anniversary of India's famed mathematician Srinivasa Ramanujan. The event that started at 10:00 am included quiz, games, invited talks, mathematical tidbits, etc.

The Talk-I was on "How to discover Rogers Ramanujan Identities" for which the speaker was Dr. Manjil Pratim Saikia, Research Associate from Cardiff University, UK and Talk-II titled "Some beautiful formulas of Ramanujan" by Dr. Bibekananda Maji, Asst. Professor of IIT, Indore. The day came to an end at 4:30 pm with the vote of thanks. The Department of Mathematical Sciences was started in July, 1994 as one of the first three departments of Tezpur University with the objective of producing trained manpower for undertaking research and teaching in mathematics and allied branches of basic and applied sciences, according to the official website of the department. It also aimed to groom trained mathematicians for problem solving in industry and other concerns.

Apart from offering Masters degree in Mathematics (2 yr and Integrated 5 yr programmes) it offers a 4-yr Integrated B.Sc. B.Ed. programme in mathematics. The department also offers research in areas such as Number theory (Ramanujan's Mathematics), Discrete Probability Distributions, Combinatorial optimization, Algebra, Fuzzy mathematics, Topology and applications, Operator Theory and applications, Finite element method etc. Several projects under the sponsorship of the Department of Science and Technology (DST), Indian Space Research Organisation (ISRO), University Grants Commission (UGC) and Council for Scientific and Industrial Research (CSIR) have been completed by the department. Several other projects under the sponsorship of various organizations are running in the department.

Alumni of the department are engaged in various universities, research institutes, colleges, other institutions as well as different software and other organisations. Currently there are seventeen faculty members, mentions the website, which further adds, There are two technical staff who look after the computer laboratory. The department is currently supported under UGC-SAP (DRS-I) and DST-FIST 2012 grants.

# 66<sup>th</sup> Mahaparinirvana Diwas of Bharat Ratna Babasaheb Dr. B.R. Ambedkar

n 6 December 2021, 66<sup>th</sup> Mahaparinirvana Diwas of Bharat Ratna Babasaheb Dr. B.R. Ambedkar was organized by Dr. Ambedkar Chair, Tezpur University (An Amrit Mahotsav Initiative by the Ministry of Social Justice & Empowerment, Govt. of India). The program started with live broadcasting of DAIC Function (Prime Minister of India) and display of DAF Schemes followed by Dr. Ambedkar Memorial Lecture.

Ambedkar's Vision of Democracy Indian democracy has traversed a long path for over more than seventy years. Yet even today the marginalization of the Dalit population is widely visible in the socio-economic and political spheres. Beyond the obvious, are the deep and subtle forms of marginalization calling for attention. He is seen not just as an icon of the marginalised castes, but as a champion of the rights of all marginalized people and a thoroughly equipped thinker who was committed to, and capable of contributing to the development of the modern Indian democratic state in a holistic sense.

Introductory Remarks for the 7 th Dr. Ambedkar Memorial Lecture were given by Prof. Dhruba Kumar Bhattacharrya, (Pro VC, TU) followed by the lecture by Prof. Debi Chatterjee, JU and Chairperson Prof. Kedilezo Kikhi. Dr. D.R. Gautam concluded the program with a vote of thanks.

7<sup>th</sup> Dr. Ambedkar Memorial Lecture was graced by

Prof. Debi Chatterjee, who is a distinguished academician who superannuated as a professor in the Department of International Relations, Jadavpur University. She was a visiting professor in the Department of Human Rights and Human Development, and in the Department of Political Science at Rabindra Bharati University. Also, she was a guest lecturer in the Department of Sociology, Human Rights, Department of Anthropology, Calcutta University. She holds a rich teaching experience of more than 31 years with specialisations such as Human Rights, Indian Society and Social Problems, Dalit Movements, Thought & Struggles Against Caste, Gender Issues, and Public Administration. Hermajor book titles include Dalit Rights/Human Rights, Ideas and Movements Against Caste in India: Ancient to Modern Times, Up Against Caste: Comparative Study of Ambedkar and Periyar, Sociology of National Integration, Colour Volcano, Under my Dark Skin flows a Red River: Translations of Dalit Writings from Bengal, Democracy and Democratisation in the 21st Century: The South Asian Experience, and Human Rights: Theory and Practice. Apart from this, she is the editor/author of several academic writings in the form of articles, chapters and books. Currently, she is serving as the editor of an esteemed (bi-annual) Sage Journal (Contemporary Voice of Dalit) of which she is the founder editor since 2008.

#### **Third Foundation Day Celebration of the** department of Assamese -00-----

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stablished on the 1<sup>st</sup> of July, 2019, the Department of Assamese, Tezpur University, completed two years on 1 July 2021. On the occasion of its third Foundation Day, the department organized a special lecture by eminent academician and former President of Asom Sahitya Sabha, Prof Nagen Saikia along with a series of performances by the students of the department. Organized online via Google meet, the function began with a welcome address by Dr Subrat Jyoti Neog, Head, Department of Assamese. The inaugural address was delivered by Prof Dhruba Kumar Bhattacharrya, Pro Vice-Chancellor, Tezpur University with the program anchored by Dr Sanjib Pol Deka, Assistant Professor, Department of Assamese.

Dr Biren Das, Registrar, Tezpur University, who was also present on the occasion, discussed the history of the Centre for Assamese Studies, as well as the processes and obstacles involved in establishing the Department of Assamese. The performances of the students included rendition of a modern song by Ms Upasana Bora, a poem recitation by Mr Debasish Buragohain, a song by Mr Nayan Chetia, recitation of a self-composed poem by Mr Ripu Kachari and a modern dance performance by Ms Pranchi Bora. Mr. Kiran Das, another student from the same department expressed his experiences and feelings as a student of



this university.

The Foundation Day Lecture was delivered by Prof Nagen Saikia on the topic "History of Assamese Literature: Need of a New Plan". In his thought provoking lecture, Prof Saikia elaborately discussed the various stages of Assamese literature from the beginning of the AdiYug till the present state. He discussed the need for preparation of a history of Assamese literature apart from highlighting the problems and challenges associated with such a huge work. Along with that he offered a few suggestions in this regard.

He fondly remembered his association with the university and talked about the Bezbaroa diaries that he had handed over to Tezpur University for proper preservation. Dr Subrat Jyoti Neog presented the slides of the photos of these diaries preserved in Tezpur University library. The programme ended with a vote of thanks proposed by Dr Juri Dutta, Assistant Professor, Department of Assamese.

# f Departmental magazine "Kixalaya"



he Department of Assamese, Tezpur University released their departmental e-magazine 'Kixalaya'on 12 November, 2021. In continuation of the initiative taken by the first Post-Graduation batch of the department to publish an online Unicode e-magazine, the magazine was edited by Debasish Buragohain. The inaugural edition of 'Kixalaya' has covered the year 2020-21. The inauguration program of the magazine was presided over by Dr. Subrat Jyoti Neog, HoD, Department of Assamese, Tezpur University.

In her inauguration speech, Dr. Mausumi Kandali, noted story writer and assistant professor of the Department of Cultural Studies, Tezpur University, appreciated the initiative of the students. The magazine consists of twenty-four articles, four stories, six poems, one interview, and various other sections. Dr. Juri Dutta, Dr. Sanjib Pol Deka and Jyotishman Das, the faculties of the Department of Assamese, Tezpur University stated that the magazine would positively contribute to the online resources in the Assamese language. The magazine can be accessed from - https://kixalaya.wordpress.com.

Chandraprabha Saikiani Centre for Women Studies observes UN International Fortnight to Resist Violence against Women and Girls

he Chandraprabha Saikiani Centre for Women Studies, Tezpur University hosted the student's initiative to resist violence against women and girls in the society from 25 November 2021 to 10 December 2021. In their mission towards promoting gender justice, the students took part in a student's action-oriented initiative for which they developed and performed a skit on discrimination and violence against women at multiple venues inside and outside the university campus. Organized from 25 November 2021 until 1 December 2021 in view of the International Day for Elimination of Violence against Women, students from departments including but not limited to Mass Communication Journalism, Sociology, & Commerce, Education etc. took part in the skit.

#### A Lecture on Law of Sedition: A Threat to Indian democracy

ecture on Law of Sedition: A Threat to Indian Democracy' was organized by the Department of Law, Tezpur University on 7 August 2021 from 3.30 to 4.30 p.m on the Google Meet platform. Prof Manik Chakraborty, Former Professor & Head, Department of Law, University of Burdwan and Former Director, UGC Academic Staff College, BU was the resource person for the session. He is presently a visiting

faculty at University of Calcutta and Former Advisor & Director, Amity Law School, Amity University Kolkata.

#### A Special Lecture on Our Earth Matters: Ideas for Stockholm+50 (2022) and Beyond

Special Lecture on Our Earth Matters: Ideas for Stockholm+50 (2022) and Beyond was organized on 3 November 2021 by the Department of Law, Tezpur University on GoogleMeet platform from 11:00 a.m. to 12:00 p.m. Keynote Speaker Prof. (Dr.) Bharat H. Desai, Jawaharlal Nehru Chair and Professor of International Law, JNU, New Delhi enlightened the audience with his knowledge. The Chairperson for the program was Prof. Prasanta Kumar Das, Dean School of Humanities and Social Sciences, Tezpur University.

## Alumni Talk Series for Silver Jubilee Celebration of the Department of Energy Organized



A spart of the Silver Jubilee Celebration of the Department of Energy, Tezpur University a series of twenty-five Alumni Talk was organized in virtual mode starting from 12th April, 2021 to 7th January, 2022 co-ordinated by Dr. S. Mahapatra, Associate Professor, Department of Energy, Tezpur University. The first talk was titled 'Materials and devices for clean and green energy technologies' which was delivered by Dr. Golap Kalita , an alumnus of M.Tech. in Energy Technology Programme (2003-2005) on 12th April, 2021. It was followed by a talk on 'Prospects and confines of bio-refinery in India' which was delivered by Dr Anil Kumar Sarma , an alumnus of M.Tech. in Energy Technology Programme (2001-2002) on 28th April, 2021.

The third and fourth talk of the series were titled 'Application of GHG mitigation tools to SDGs pre & post Paris agreement time' and 'Energy Transition in India: The Road Ahead'. It was delivered by Mr. Tridip Kumar Goswami, an alumnus of M.Tech. in Energy Technology Programme (2002–2004) on 7th May, 2021 and by Dr. Debajit Palit, First Batch Alumnus of PG Diploma in Non-conventional Energy Technology Programme (1996) on 12<sup>th</sup> May, 2021 respectively.

For the fifth and sixth talk, Dr Nirmal Kumar Saha, an alumnus of M.Tech. in Energy Technology Programme (2000-2001) delivered a talk on 'Seawater desalination: access to untapped water resources' on 30th June, 2021 and Mr. Hiren Chandra Borah , an alumnus of M.Tech. in Energy Technology Programme (2006-2008) spoke on 'Grid Connected Rooftop Solar Programme' on 26th May, 2021.

Likewise, the other sessions dwelled on topics such as - Induction Heating and Reliability, Recent Advancement in Solar Drying Technology, Advanced Materials and

# Death Anniversary of Sudhakanta Bhupen Hazarika

observed

5<sup>th</sup> November, 2021

a webinar was

organized on the

death anniversary of Sudhakantha

Bhupen Hazarika by

Tezpur University. The

topic of discussion of the webinar was on

"Assam in the songs

of Bhupen Hazarika."

The resource person of

the webinar was Retired Principal of Moran College,

Sivasagar and renowned

Meet.

Ethnomusicologist, Dr. Anil

Saikia. The lively webinar was held virtually on Google

its Application in Energy, Recycling of Photovoltaic Modules, Agrivoltaics: Bringing New Opportunities to Water-Energy-Food Nexus, etc. It was led by alumnis of the department including Indrajit Mazumder, Dr Dudul Das, Dr. Sanjai Kumar, Sanjib Hazarika, Angshu Plavan Nath, Dr Manoj Kumar Singh, Bhaskar Jyoti Nath, Dr. Suprava Chakraborty, Dr. Birinchi Bora, Mr. Pranjal Dutta, Dr. Washima Tasnin, Dr Bandana Singha, Dr. Sudeep Sarkar, Dr. Ashish Kumar Singh, Mr. Prasun Kumar Das, Dr Biju Mani Rajbongshi, Dr Samrat Paul, Dr Nirmal Kumar Saha, Dr Anil Kumar, Dr. Vijaya Kumar Pantangi and Mr. Hiren Chandra Borah and others.

**Department of Business** 

**Administration organizes** 

Prof. Madhab Chandra<br/>Bora Memorial Oration and<br/>memorial quizImage: Constraint of the second state of the

Servant', 'Not Just A Civil Servant' etc. The Department also organised MCB Memorial Quiz competition at the Council Hall, Tezpur University. Dr. Upakul Sarmah, Deputy Registrar, TISS Guwahati was the Quiz Master. Team X won the first prize and bagged a cash prize of rupees 3000, Team Y won the 2<sup>nd</sup> prize and bagged a cash prize of rupees 3000, won the 3<sup>rd</sup> prize and bagged a cash prize of rupees 1000.

# **Engineer's Day Celebrated in Tezpur University**

Tezpur University's Centre for University-Industry Interface (CUII) and the Internal Quality Assurance Cell (IQAC) celebrated Engineer's Day on 15 September 2021 in the Dean's Gallery, School of Engineering. The celebration started with the commemoration of the 160<sup>th</sup> birth anniversary of Bharat Ratna Mokshagundam Visvesvaraya.

Prof. Dhruba Kumar Bhattacharyya, Pro-Vice-Chancellor, Tezpur University delivered a talk on the topic "Introspection on the Engineer's Day", followed by a speech of Dean, School of Engineering. Prof. M. K. Hazarika spoke briefly on Quality in Engineering Education and gave valuable insights on it.

Engineer's Day is celebrated every year on September 15, to commemorate one of India's finest engineers, Mokshagundam Visvesvaraya. M Visvesvaraya is considered one of the foremost nation-builders, creating marvels upon which modern India is built. Referred as the 'precursor of economic planning in India', he is also known as 'VM Sir' due to his various contributions to the field of engineering and is a pioneer of education.

# **National Press Day Observed**



The 55<sup>th</sup> National Press Day was observed in the Department in collaboration with the Sonitpur District Administration and DIPRO, Sonitpur on November 16. This year the theme 'Who is afraid of the media' was adopted by the Press Council of India, Delhi. The day-long event included a series of lectures on the freedom of the press, panel discussion, skits of students, and screening of documentaries. A special edition of the newsletter 'Fine Print' for which Prof. Abhijit

Bora was the Editorial Adviser was also released to commemorate the occasion, In the afternoon, the event followed a workshop on fact-checking for the future, conducted by Sushanta Talukdar, veteran journalist and editor, www.NEZINE.com for the department students and journalists of Sonitpur district. The event was held in blended mode, with first-semester students participating online. Earlier in the day, addressing the audience, Prof. VK. Jain, Vice-Chancellor, Tezpur

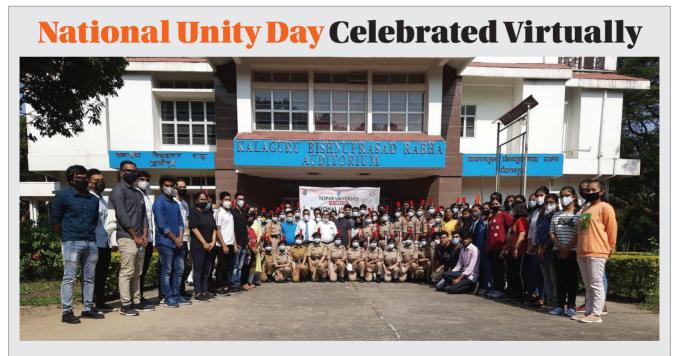


University, said, "For a country like ours, fact-checking is a significant aspect and it is important for all to learn the tools for this exercise. It is important to keep a watch on things around us and verify the information if it is authentic or not." Interacting with the students, Ms Dipsikha Dey, District Development Commissioner, Sonitpur, said, "You are the truthful generation and are the facilitators of information. Together we can reach out and empower the underprivileged people." Inaugurating the newsletter and wall magazine, Dr. Dhanapati Deka, Dean of Students Welfare, TU, said, "It is very appreciative that the MCJ students have taken the initiative to observe the occasion in a befitting manner. The press plays an important role for all of us and thus, we need to respect this esteemed institution."

Prof. Joya Chakraborty, Head of the Department in her welcominglecture said, "Thisyear's theme for the National Press Day is 'who is not afraid of media', which highlights the power of the fourth pillar of democracy. Power is an interesting terminology. Power can be enabling and deenabling agents. There are different ways of looking at power. It is empowering as well as collaborating. Power over people is about subjugating someone." Important highlights of the event were the programmes performed by the students of the department including panel discussions, lectures on topics such as press freedom scenario in India: history, challenges, and way forward, and press freedom in Assam: contemporary challenges etc. A special lecture was delivered by Miss Kayanna Lloyd, a Guyanese national and a 3<sup>rd</sup> year student of the department on the scenario of the press in Guyana, a Latin American country.

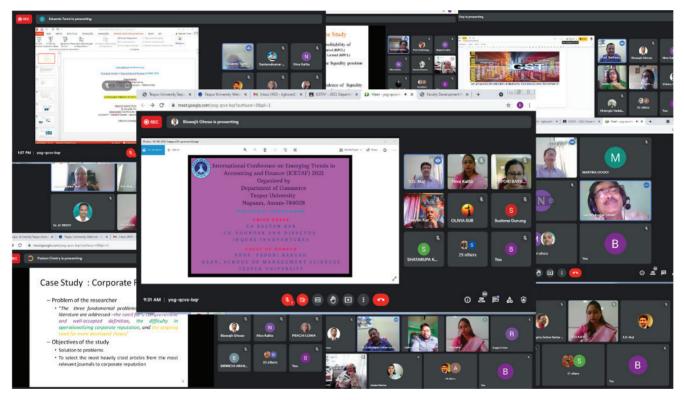
While sharing his experience as a journalist with a national daily, resource person Mr Talukdar said, "National Press Day reminds us that those working with traditional media have to go through more gatekeeping. Traditional journalists have replaced fact-checking with the proxy of likes and shares. If it is a viral truth, traditional journalists perceive that there has to be truth in it."

The event was also attended by Prof. P.K. Das, Dean of Humanities and Social Sciences, TU, Ms Neena Baruah, District Information and Public Relation Officer (DIPRO), Sonitpur among others. The programme was coordinated by Prof. Abhijit Bora.



The NSS Cell, NCC and Tezpur University Student's Council (TUSC) in collaboration organized an online cultural competition to mark the National Unity Day on 31 October 2021, in accordance with the Covid protocols laid down by the Government of Assam. The celebration included an online patriotic dance competition, online patriotic song competition and online painting competition on the theme "Unity in Diversity". The National Unity Day or Rashtriya Ekta Diwas is observed every year on October 31 since 2014, to commemorate the birth anniversary of the Iron Man of India and First Home Minister of Independent India, Sardar Vallabhbhai Patel. The celebration marked the 146th anniversary of the great leader who played an instrumental role in India's struggle for independence, and later during the integration of the country. Webinar on Journalists as Nobel laureates organized webinar was organized on October 11, 2021 from 4 p. m. on the theme 'Journalists as Peacemakers and Nobel Laureates' to mark the historic occasion of two renowned journalists being honoured with the Nobel Prize for 2021.The resource persons for the programme were --- Mr Samudra Guota Kashyap, State Information Commissioner, Assam and veteran journalist and Prof. Sunil K Behera, former Professor of Eminence, MCJ Dept, TU. The lectures of the resource persons initiated a lively and warm discussion among the students, faculty members, both from the department and others as well as several external members being present. While Prof. J Chakraborty, HoD was the session chair, Prof. Abhijit Bora was the coordinator for the programme.

## Department of Commerce Organizes International Conference on Emerging Trends in Accounting and Finance (ICETAF)- 2021



porganized an online international conference on 'Emerging Trends in Accounting and Finance (ICETAF)- 2021' on 11th and 12th November 2021. Dr. Albert Schram, Professor, University of Maryland, Global Campus – Europe; Dr. Eduardo Tome, Faculty, University of Lisbon, Portugal; Dr. Santanu Kumar Ghosh, Professor, Department of Commerce, The University of Burdwan, India; Dr. Roji George, Dean and Professor, Saintgits Institute of Management, India were the resource persons who facilitated the event. The main themes for the conference include Accounting, Finance, Sustainable Accounting and Sustainable Finance. "This conference aims to bring Students, Academicians, Scholars, and Corporate Executives of various disciplines (particularly from Commerce, Management and Economics) into a common platform to share their views, works, ideas and experiences on recent developments in the field of Accounting and Finance. Besides, the conference also aims to help the participants in developing their conceptual and practical understanding of the critical and emerging topics in the field of Accounting and Finance"- said Dr. Santi Gopal Maji who is the Head of Department of Commerce, Tezpur University as well as the Secretary of the organising committee.



## **E-Conclave on Promotion of Bio-Gas through SATAT and GOBARDHAN**

epartment of Energy, Tezpur University hosted an E-Conclave on Promotion of Biogas through SATAT and GOBARDHAN as a Silver Jubilee event (1997-2021). The event was organized on August 30 & 31, 2021 as two sessions per day i.e. morning and afternoon through online mode coordinated by Prof D C Baruah, Head, Department of Energy, Tezpur University with invited dignitaries like Shri Dinesh D Jagdale Joint Secretary, MNRE, Govt. of India, Shri Jisnu Barua Chief Secretary, Govt of Assam, Dr Himanta Biswa Sharma, Chief Minister, Assam, Prof V K Jain Vice Chancellor, Tezpur University, Mr. Bijay Kumar GM (Alternate Energy), Indian Oil Corporation Ltd. It discussed mainly on Aspirations of Sustainable Alternative towards affordable Transportation (SATAT), roadmap of galvanizing organic Bio-Agro Resources Dhan (GOBARDHAN), economics like status, challenges, skill & Employment of Compressed Biogas with speakers like Dr. A. R. Shukla Indian Biogas Association, Prof V K Vijay IIT Delhi, Dr Hoysala N Chanakya IISc Bangalore, Dr Dev Vrat Kamboj DRL, DRDO, Shri V. Ramakrishnan VK - Nardep, Shri. G. Vasudeo VK - Nardep, Dr Soumya Chatterjee Defence Research Laboratory, Er. Akshay Asija Biocity, Er. Sunil Rajagopal Indian Oil Corporation Ltd, Er. Abhishek Handa Source Facility, Dr. R. S. Chikara Anarobic Energy Pvt Ltd, Mr Devendra Surve Star Projects and Consultancy, Dr Dipam Patowary, State SLWM Specialist, SBM-G.

# **E4T Microgrid Project On TU Campus**

The E4T Microgrid Project, an international R&D initiative led by Pamoja Cleantech AB, in collaboration with Modio AB, KTH University (Sweden) & Tezpur University (TU) is implemented at the TU campus by the Department of Energy. The project is being funded by the Swedish Energy Agency, Sweden to develop, implement, and demonstrate a poly-generation microgrid platform to increase the availability and utilization of renewable energy at the TU campus and to reduce the dependency on fossil fuels.

The project shall serve as state-of-the-art teaching and training facility for academia and industry together. The E4T microgrid concept at TU integrates components over two phases.

The first phase, which is under implementation, includes a Battery Energy Storage System (BESS) of 100kW/84,5kWh – Li-Ion Technology. The system stores excess solar energy produced in the day and/or energy from the grid and enables the building to use this energy as a replacement for diesel energy during times of grid outages.

Moreover, based on the principles of Demand Side Management (DSM), 12 numbers of selected AC units in the HSS building are being equipped with smart control units from Modio AB, Sweden. These units have the autonomous capability to schedule air conditioning operations or switch off or lower the cooling load based on various factors.

Furthermore, as part of this project, a selected 36 rooms in Patkai Hostel are equipped with no-voltage release switches (NVR) which can automatically open an electrical circuit once voltage drops to zero at the supply side. In the corridor, a smart contactor is connected. The system aligns the availability of

# Net Zero Emissions and the role of Research in Universities

s a part of the Silver Jubilee celebrations, the Department of Energy organized an online lecture on 'Net Zero Emissions and the role of Research in Universities' on 16 December, 2021. The lecture session was addressed by Prof. Subhes C Bhattacharyya from De Montfort University, UK.

Prof Subhes C Bhattacharyya is an internationally renowned energy specialist working on global energy environment issues for over 35 years with a special focus on developing countries. He is a Professor of Energy Economics and Policy and also the Director of the Institute of Energy and Sustainable Development, De Montfort University (DMU), Leicester (UK). He is also the Research Theme Director for the Net Zero theme at DMU. He has extensively investigated energy access issues in South Asia and Sub-Saharan Africa since 2002 and has led award-winning research in the area through funded projects.

Prof Bhattacharyya has also written many academic papers in peer-reviewed journals and is the author of a widely used book "Energy Economics – Concepts, Issues, Markets and Governance" (Springer, 2019 Second edition). He has also edited a number of other books particularly on rural electrification, mini-grids and energy in Asia. His research project OASYS South Asia received the Green Gown Award for Community Innovation at the national and international categories in 2015. He has taken the role of Editor-in-Chief of Energy for Sustainable Development, an Elsevier Journal from July, 2021. students based on their schedules and automatically switches off the electrical loads in the student rooms during class hours or other non-availability periods. This is intended to reduce energy losses in the hostel due to unattended appliances. The individual rooms can re-establish the power supply at any time by manually clicking the NVR switch next to the door.

## A talk on the Philosophy of Culture of Srimanta Sankaradeva

The Department of Assamese, Tezpur University observed Srimanta Sankaradeva Tithi (a Calendar Event of Tezpur University) on 8 September 2021 by lighting diva and performing prayers in the morning which was followed by an online talk on the Philosophy of Culture of Srimanta Sankaradeva. The special lecture was delivered by Prof Pradip Jyoti Mahanta, eminent scholar on Vaishnavite literature and Sattriya culture and former Dean, School of Humanities and Social Sciences, Tezpur University. The programme began with the welcome address by Dr Subrat Jyoti Neog, Head, Department of Assamese followed by the inaugural address by Dr Biren Das, the Registrar, Tezpur University. The programme was moderated by Mr Jyotisman Das, Assistant Professor, Department of Assamese. In his lecture, Prof Mahanta delved into various issues and aspects of Srimanata Sankaradeva's contribution to the cultural history of Assam and the continuing relevance of his philosophy in the present time. He also gave a conceptual mapping of culture from both Indian and Western perspectives.

#### **'Online Lecture Series, Autumn 2021'** Organized by The Department of Assamese

The Department of Assamese, Tezpur University organized an Online Lecture series for the students during September to December 2021. The Online Lecture series contained four lectures altogether. Bhaskar Hazarika, one of the eminent film-maker of Assam delivered a talk on 'Language of Film' on 6th September, 2021. Prof Prakash Pattanaik, University of Delhi talked on the topic 'Idea of Comparative Indian Literature' on 25th September, 2021. Dr Kalpana Sarma Kalita, Associate Professor of Cotton University delivered a lecture on 'Textual Criticism' on 27th September, 2021. On 7th December, 2021 Dr Shobha Satyanath, HoD, Department of Linguistics, University of Delhi, delivered a lecture session on 'Language as a sociohistorical construct'.

#### **Research Workshop**

Organized by Hindi Department

The Department of Hindi, Tezpur University on 29 and 30 December, 2021, organized a two-day online workshop on "Research and publication ethics and purpose of e-content".

The invited dignitaries for the workshop were Dr. Pramod Ranjan, Assistant Professor, Assam University Diphu Campus; Dr. Harshlata Petkar, Assistant Professor, Mahatma Gandhi Antarrashtriya Hindi Vishwa Vidyalaya, Wardha; Vibha Iyer, Assistant Professor, Zakir Husain College, Delhi; Dr Sheetanshu Kumar, Associate Professor, Assam University Diphu Campus and Dr. Sarita Chaudhary, Wardha.

Department of English organises online Lecture Series on Children's Literature Texts and Their Film Adaptations

### Workshop on Assamese Manuscript Reading and Textual Criticism

The Department of Assamese, Tezpur University, organized a weeklong workshop on 'Assamese Manuscript Reading and Textual Criticism' from 25th to 31st October, 2021. Prof Dhruba Kumar Bhattacharyva, Pro Vice-Chancellor, Tezpur University inaugurated the workshop with the guests being welcomed by Dr Subrat Jyoti Neog, Head of the Department of Assamese, Tezpur University. The keynote address was delivered by Prof Robin Dutta, from the Department of Chemical Science, Tezpur University. Mr Dhanjit Talukdar, Archival Assistant, Gauhati University and Mrs. Rajtaranginee, Lecturer, DIET, Nalbari were present as the resource persons for the workshop. The weeklong workshop introduced the students to the pre-modern Assamese alphabet and writing skills. It also enabled the learners with the skill of reading century-old Assamese manuscripts. In the valedictory session, Dr Parasmoni Dutta, Head, Department of Cultural Studies, Tezpur University and Dr Anup Kumar Nath, Assistant Professor, Department. of English were present as Chief Guest and Guest of Honor respectively. The vote of thanks was offered by Dr Sanjib Pol Deka, Assistant Professor, Department of Assamese, Tezpur University, who was also the coordinator of the workshop.

series of online lectures on 'Children's Literature Texts and Their Film Adaptations' was organized by the Department of English, Tezpur University from 2 September 2021 to 29 September 2021. The first series of the distinguished lecture series included a wide range of topics including talks on the fantasy genre, The Secret Garden, Howl's Moving Castle and War Horse. The lecture on 'Fantasy as an Industrial Genre' was delivered by Prof. S V Srinivas of Azim Premji University, Karnataka on 2 September 2021. It was followed by a lecture on 'The Secret Garden: From Text to Screen' by Dr. Catherine Butler, Cardiff University, United Kingdom on 8 September 2021. The next lecture focused on 'Eating Hearts: Framing Violence and Transformation in Howl's Moving Castle'. It was delivered by Dr. Shalini Srinivasan of Azim Premji University, Karnataka. The last session on 'War Horse: Page, Stage, Screen' was conducted by Dr. Helen Freshwater, Newcastle University, United Kingdom. The convenors of the lecture series were Dr. Pallavi Jha, Assistant Professor, Department of English, Tezpur University and Dr. Bashabi Gogoi, Assistant Professor, Department of English, Tezpur University.

#### Cultural Studies as a Global and National Project

s part of a distinguished lecture series, The Department of Cultural Studies, Tezpur University organized a webinar on 'Cultural Studies as a Global and National Project' on 5 and 6 December, 2021. Douglas Kellner, Research Professor of Education, UCLA, Los Angeles, was present as the speaker in the event coordinated by Debarshi Prasad Nath, Professor, Department of Cultural Studies, Tezpur University. The first lecture of the series, organized under the aegis of the UGC SAP-DRS-II of the Department of Cultural Studies, Tezpur University, focused on the historical and genealogical lineage of media theories and the different stages of the road that led to cultural studies. It also focused on how cultural studies has gone worldwide, but it also has major national variants, ranging from British cultural studies to others in North American cultural studies. It also interrogated whether or not there is an Indian cultural studies.

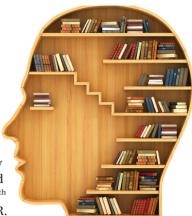
### Tezpur University organizes webinar on the occasion of 'Janajati Gaurav Divas'



specialwebinarwasorganized by Tezpur University on the occasion of 'Janajati Gaurav Divas' on 15th November 2021. The webinar was inaugurated by the Hon'ble Vice-Cencellor of Tezpur University, Prof. V. K. Jain. Prof. Kanchan Mukhopadhyay, who is a national fellow at the Anthrpological Survey of India, attended the programme as a key speaker. He spoke on the topic 'Tribes, Nation and States in India'. Prof. Noni Bath of Rajiv Gandhi University of Arunachal Pradesh and Prof. Kedilezo Kikhi of Tezpur University were the other two speakers of the event. They delivered lectures on 'Celebrating The Tribal World Views of North-East India' and 'Remembering Virsa Munda: A forgotten Tribal Leader of The National Movement' respectively.

### National Librarian's Day Celebration 2021

n 12<sup>th</sup> August 2021, Central Library Tezpur University celebrated this day in memory of 129<sup>th</sup> Birth Anniversary of Padmashri Dr S. R. Ranganathan from 9am to 11am. 12<sup>th</sup> August



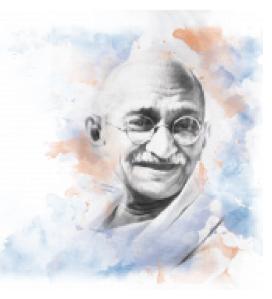
is known as National Librarian's day which is observed on this particular day every year. It is celebrated to commemorate the birth anniversary of Padmashri Dr S. R. Ranganathan (1892-1972) who is considered as father of library science in India. Everyone was cordially invited to join with the Central Library Stuff to celebrate the National Librarian's Day by also following proper Covid-19 Protocol due to the Covid-19 situation.

# Swarnim Vijay Varsh, 2021

Tecepur University in association with Headquarters 4 Corps. celebrated "Swarnim Vijay Varsh" on 9 September 2021 at morning in Council Hall of the University. It was celebrated to commemorate the Glorious 50 years of Indian victory of the 1971 war and show our respect to the arrival of the Victory Torch from National War Memorial New Delhi. The victory torch was borne by the Army personal of H.Q. 4 Corps, Tezpur to Tezpur University. The events are then followed with Welcome address by the Dean, Students' Welfare, Inaugural address by Hon'ble Vice Chancellor TU, address from the HQ 4 Corps. Tezpur, Cultural program and poem recitation, Duet song by PhD Students and then the programme ended on a vote of thanks by R.R. Singh, Asstt. Director of Physical Education, TU.

# Gandhi Jayanti observed

**T**ezpur University in association with Headquarters 4 Corps celebrated 152<sup>nd</sup> Birth Anniversary of Father of Nation Mahatma Gandhi and 117<sup>th</sup> Birth Anniversary of Lal Bahadur Shastri, Former Prime Minister of India on 2 October 2021 at morning 7:20 am in front of KBR auditorium of the University. It was celebrated with 75<sup>th</sup> year of India's Independence "Azadi Ka Amrit Mahotsav". The events were graced by the honourable Vice Chancellor of Tezpur University. They are Welcome address by the Dean, Students' Welfare, Inaugural address by Hon'ble Vice Chancellor TU, Group Song performance, Cleaning drive in front of KBR to community Hall along with NSS volunteers, a vote of thanks by R.R. Singh, Asstt. Director of Physical Education, TU. The programme was put to an end with a national Anthem.



#### 72<sup>nd</sup> Constitution Day Celebration

n 26<sup>th</sup> November 2021, Dr. Ambedkar Chair, Tezpur University organized an online public lecture through google meet with a motive of reflecting on the Indian Constitution & Contribution of

Department of MBBT Silver Jubilee Distinguished Lecture Series 2021-22 - Evolution of "endless forms, most beautiful"

epartment of Molecular Biology and Biotechnology conducted **MBBT Silver Jubilee Distinguished** Lecture Series 2021-22 on Evolution of "endless forms, most beautiful." The speaker of the lecture series was LS SHASHIDHARA, PhD Professor, IISER Pune Distinguished Professor, Biology & Dean, Research Ashoka University, Harvana. The lecture discussed Molecular mechanisms of evolution involving simple nucleotide changes in DNA during replication, resulting in changes in protein structure and possible emergence of new functions. If the emergent properties of the new protein add to the fitness of the organisms, the same would be subjected to evolutionary selection. Often, as simple as a single nucleotide change in the gene could result in a new protein function leading to change in anatomical features of a large multicellular organism. Coupled with equally complex and diverse biochemical and physiological traits, what one would see is, as Darwin poetically alluded to - "endless forms, most beautiful", the breathtaking biodiversity that the earth has borne for the past ~3.5 billion years. He discussed this simple, but reiterative evolutionary mechanism behind the emergence of biochemical, physiological, morphological, behavioral, ecological complexities in life. The webinar was held on December 27, 2021 which also provided E- certificates to students.

B.R. Ambedkar. Dr. C. Joshua Thomas, Former Deputy Director, ICSSR North Eastern Regional Centre, & Coordinator, ASEAN Studies Centre, NEHU Campus, Shillong, Meghalaya attended the event as the lecturer where Prof. Kedilezo Kikhi attended as the chairperson. A vote of thanks was provided to Dr. D. R. Gautam.

## Two Day Youth Conclave organized by Chandraprabha Saikiani Center for Women Studies

Youth Conclave was organized by Chandraprabha Saikiani Center for Women Studies from 9th December to 10th December, 2021 under the aegis of Rajiv Gandhi National Institute of Youth Development, an institute of National Importance under the Ministry of Youth Affairs and Sports, Govt. of India. The Chief guest of the two day long youth conclave was Prof. Sibnath Deb , Director, Rajiv Gandhi National Institute of Youth Development. The Youth conclave's theme was Empowering the Youth of North East India Through the Advancement of Technology and Skill. The Resource persons were Mr. Manoj Kr. Basumatary of Tezpur; Prof. Debendra Chandra Baruah Professor & Head Department of Energy, Tezpur University; Pulak Kumar Mandal Deputy Manager North East Cane and Bamboo Development Council,NECBDC,Burnihat,Assam; Manju Gogoi Talukdar Deputy Director Industries and Commerce, Govt.of Assam, Guwahati; Dr. Kamatchi Sankaranarayanan Assistant Professor, Institute of Advanced Study in Science and Technology, Guwahati; Dalimi Choudhury Deka Proprietor, DBD Enterprise; Manoj Kumar Das Managing Director, North- eastern Regional Agricultural Marketing Corporation LTD.; Abhijit Baishya Professional Assistant, Tezpur University; Gangaram Dahal Organic Farming Expert ; Ms.Nigar Sultana Project Assistant CSCWS, Tezpur University; Vasanthi Rajendran Head of CTO & BC/ CNIC, RGNIYD, Tamil Nadu and Prof.K.S.Ravi Chandran Registrar RGNIYD, Tamil Nadu. Dr Mousumi Mahanta, of Chandraprabha Saikiani Center for Women Studies was the Coordinator of the programme. The programme dealt on many topics like Skill Development for Youth : Incense Sticks and Bamboo Industry, Promotion of Scientific Temper Among the YouthTraditional Livelihood Skills in Demand for Income Generation and Entrepreneurship Development, Scientific Technologies to Maximize the use of Local Resources, Use of ICT and Skill Development as well as Promotion of Low- cost/Alternate/Rural Technologies for Livelihood and Economic.

### The Art of Living Tezpur Chapter's Immunity Enhancement Programme

three-day Immunity Enhancement Program for Tezpur University Community was organized from 21-23 July, 2021 by the Tezpur University Mental Health Task Force under the banner of "The Art of Living Tezpur chapter".

This program, taught imparted for people above 18+ years by The Art Living through online as Immunity Boost & Prevention with Meditation, Breath & Yoga and which helped to learn some of the Breathing techniques, Yoga asanas, Pranayama and Meditation over the period of three days.

#### TU organises a Talk on Global Mega Convergence on the Global Mega Convergence of our world 2025 with Indian Perspective.

Tezpur University on 8<sup>th</sup> November, 2021 conducted a Talk on Global Mega Convergence on the Global Mega Convergence of our world 2025 with Indian Perspective. The speaker was Former-Ambassador of India in Six Counties, Dr Deepak Vohra. The event was held at the School of Engineering, Dean's Gallery., Tezpur University and was also held online for the students attending online classes.

# Distinguished Lecture Series under the umbrella of "Azadi Ka Amrit Mahotsav"

The country is celebrating 75<sup>th</sup> Year of Independence by organizing various events under the umbrella of "Azadi Ka Amrit Mahotsav". In keeping with the idea of "Every State Every Language (Har Rajya, Har Bhasha)", the Department of Assamese, Tezpur University organized an Online Distinguished Lecture series by eminent personalities from India and abroad for the students of Tezpur University. The first lecture

of the series was delivered by Shri Sonmoni Borah, Joint Secretary, Department of Land Resources under the Ministry of Rural Development, Govt. of India on 7 September 2021 on the topic "New Education Policy 2020: Challenges and Possibilities Vernacular of Medium Education". He emphasized the importance of mother tongue in New

Education Policy and the implantation of 'honor and confidence' of the vernacular in the students. 100 participants including students and faculty members from within and outside Tezpur University actively participated in the lecture.

The second lecture of the series was delivered by Sri Gourangalal Das, Director General, India Taipei Association on 6 November, 2021 on "How Do We Acquire Languages?" Prof Vinod Kumar Jain, Vice Chancellor, Tezpur University inaugurated the lecture and more than 80 participants including students and faculty members were present in the lecture. Drawing on his experiences as an IFS who was trained in vernacular medium education, Mr Das's deliberations pointed to the processes of acquiring languages. He talked about inert language competencies that humans are born with.



The third lecture of the series was delivered by Dr Bhaskar Choudhury, CEO and President, HPP Inc. U.S.A. on 16 November, 2021 on the topic "Role of Language in Practical Communication". It was inaugurated by Prof Dhruba Kumar Bhattacharyya, Pro Vice Chancellor, Tezpur University. Dr Choudhury discussed the challenges of practical

communication and how to overcome such challenges. He spoke for self-confidence and the inspiration within oneself to overcome the hurdles of life. He also talked on various issues related to his vernacular medium schooling and the challenges he faced to achieve the desired goal. The welcome address of the first two lectures were delivered by Dr Subrat Jyoti Neog, Head, Department of Assamese followed by the inaugural address by the Vice Chancellor Prof Vinod Kumar Jain.

### International conference on NorthEast India Tourism organized by Tezpur University and Finderbridge Tourism.

virtual conference on NorthEast India Tourism was organised by Tezpur University and Finderbridge University on 20<sup>th</sup> July 2021. The virtual conference whose theme was "Reverting Northeast India Tourism, Destination Marketing and Tourism Entrepreneurship" was a fist of its kind initiative specifically focusing on the promotion of tourism in the North-Easter region of India. This platform witnessed the participation of a dedicated team of experts from all across the country with an ultimate aim of uniting every individual linked to the Tourism Hospitality sector. The international conference was an attempt to bring intellectual minds together to discuss present and future challenges, explore recovery solutions and aim to make North East one of the most preferred destinations in the world map of tourism.

The conference focused on areas such as Sustainable Tourism, Destination Analysis & Marketing, Skill Development, Tourism Entrepreneurship, Tourism Recovery & Reinvention Models, Tourism Education, Travel Blogging &Writing, Culinary Tourism, Role of Media in Promoting Tourism, Adventure & Photography Tourism, Recent trends in Global Tourism.

### Teach for India conducts webinar on "Leadership in Education - The Teach For India Fellowship"

Pezpur University and Teach for India had conducted a webinar on Leadership in Education - The Teach For India Fellowship for the students of the university on 1st November, 2021. Two panelists joined for the discussion, Puja Sarkar and Denim Buragohain, both are Tezpur University alumni. Puja currently works as Academic Excellence Manager at LEAD School and is the Founder of We Can Prayas, and was a 2018 Teach For India Fellow. Denim worked at Teach For India as a recruiter, then pursued the Fellowship in 2019 and currently works as a Program Manager at Collab Lab. It aimed to engage with the seniors, learn what it takes to be the Leader, who brings change through their work and what it takes to shape your career while you create impact.

### Workshop on R & D in Higher Education Institutions

Tezpur University on November 18, 2021 organised an insightful consultative workshop on Research & Development in Higher Education Institutions with a goal of consulting stakeholders to obtain feedback or any suggestions on research and development in HEIs. The event was attended by speakers like Prof. Arun Chattopadhyay, IIT Guwahati, Prof. Nandana Dutta, Gauhati University, Dr. B. P.Mallik Ex-VP Asian Paints. Faculty members from HEIs located within the whole North-East India were invited to the event as participants.

#### Online Fitness Programme organised by the sport's office.

An online fitness Program was organised by the sports office on 28<sup>th</sup> July as the Gymnasium and sports facilities are closed due to lockdown. In this program, they tried to teach imparted for people above 15+ years, about exercise techniques like callisthenics, Strength training exercise, Cardio endurance exercise, Flexibility exercise and Meditation etc. The duration of the session was 60 minutes and will be continuing till the opening of the Gymnasium and sports facilities which can be attended by all the community of Tezpur University.

### Webinar on Identifying Strengths to Navigate from Today's Uncertainties

The Training and Placement Cell, Tezpur University hosted an online webinar which focuses on to put an insight which is meant to identify the strengths to navigate from today's uncertainties. It was held online through Google meet platform at 4:30pm on 27 August 2021 with Dr. Giri Shankar, a Behavioural Science Trainer, as a speaker of the event. He heads GS Ventures, management and a law graduate by qualification, but also an attitudinal trainer by choice who has been extensively trained in USA.

# Department of MBBT conducts webinar on career and academic prospects after MBBT from TU

The Training and Placement Cell of Tezpur University and the Department of Molecular Biology and Biotechnology, Tezpur University organized a webinar series on the career and academic prospects after MBBT from Tezpur University. The webinar was co-ordinated by Dr. Nima D. Namsa and the members included all faculty members of the Department of MBBT. The series included a talk about Opportunities and Job Roles in Pharmaceutical Sector and Ishani Goswami (Batch 2014-16) a former student of the department interacted with the students on July 03, 2021 followed by another talk which was hosted by Namrata Borthakur ( Batch 2014-16), who currently works at IQVIA India, Gurugram, Haryana. She discussed the career opportunities in Human Data Analytics. On July 04, a talk about Excitement of Microbiologists in Industry was moderated by another former student of the department, Abhisweta Bhatt (Batch 2016-18) who is currently working at Havells

India Limited, Haridwar. Another talk followed, moderated by Bandana Singh who spoke about Industrial Training after the Master program in Life Sciences. She works at Dr. Reddy's Laboratories, Hyderabad. On July 5, Dr. Badri Nath Dubey (Batch 2004-06) conducted a talk on Sensing the second messengers: Mechanistic Insights into how bacteria signal through second messengers and also moderated a talk on academic career prospects after master program in life sciences and prospects of pursuing Ph.D in Europe. The moderator is a staff scientist at CSSB- Center for Structural systems biology, Deutsches, Hamburg. On July 17, 2021 Bondita Dehingia (batch 2015-17) spoke about how to apply for PhD abroad; she is a student at the Dioscuri Center of Chromatin Biology and Epigenomics, Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland.



# Webinar on "Journey to Industry" held, with focus on career in life sciences

rganised by IndiaBioscience in collaboration with the Department of Molecular Biology and Biotechnology (MBBT), a webinar was held on "Journey to Industry", with focus on career in life sciences. This highlighted the challenges and prospects of a carrier in the life sciences sector. On 18<sup>th</sup> October 2021 from 3:00 to 6:30 pm, a host of speakers graced the online event.

The speakers included Arunima Bandyopadhyay from Dr. Reddy's Laboratory, Madhura Panse from

Academia Plus, Mahati Krishna from Syngene International Limited, Shantala Hari Dass and Suchibrata Borah from IndiaBioscience.

It may be mentioned that, IndiaBioscience is a program that fills a unique niche in the ecosystem of the life sciences in India, by being a catalyst to promote changes that affect the culture and practice of the field, through engagement with academia, government and industry at various levels.

IndiaBioscience aims to increase the visibility of science in society, by being a hub for policy discussions, science communication, and as an aggregator of information, mentions the official website of IndiaBioscience, which further adds, it has been nurtured within the campus of the National Centre for Biological Sciences, Bangalore, but the mandate is broad-based in serving the life science profession across India.

IndiaBioscience is primarily funded by the Department of Biotechnology (DBT), Government of India. It is also funded by the Ministry of Human Resource Development (MHRD) and DBT/Wellcome Trust India Alliance.

#### Department of Law organizes Awareness Program on Good Academic Research Practices

The Department of Law of Tezpur University, under the aegis of IQAC, Tezpur University, organized an awareness program on Good Academic Research Practices (GARP) from 22 December to 23 December 2021. The program began with a welcome speech by the Head of the Department. Assistant Professors Ms. Madhumita Acharjee and Mr. Debajit Kumar Sharma elucidated on issues of plagiarism and ethics in Legal Research and Original Contribution through Legal Research respectively.

As part of the program, poster making and short video making competitions were organized with the theme of Contemporary Legal Research. Both competitions were open to all the LL.M. students of the Department; students could draw references from the lecturers that were delivered by the faculty members as part of the program. Cash prizes of Rs. 700, Rs. 500 and Rs. 300 were awarded for the first, second and third best entries in both the categories. E-certificates were issued to all the participants and prize winners.

#### Department of Energy organizes workshop to create awareness on 'Good Academic Research Practices'

workshop-talk cum competition on Good Academic Research Practices (GARP) was organized by the Department of Energy, Tezpur University on 9 December, 2021 at the Seminar Hall of the department. After the welcome address by Prof. Debendra Chandra Baruah, Head of the Department, he also spoke on the rationale of the workshop which was followed by a detailed lecture on the Relevance of GARP in Tezpur University by Dr. Sadhan Mahapatra, Associate Professor, Department of Energy, Tezpur University. Dr. Mahapatra also discussed the issue of ethics in research publications and the parameters related to publications such as impact factor, h-index etc.

Dr. Nabin Sarmah, Assistant Professor, Department of Energy, Tezpur University and co-ordinator of the event, then discussed research ethics and the guidelines for smooth preparation and execution of academic research.

The workshop also included a panel discussion on GARP which was scheduled to address the queries of the audience: faculty members of the Department of Energy were present as the panelists.

A 'Conceptual Poster Making Competition on GARP' was also organized for the M.Tech and Phd students of the department in which they participated.

### **MBBT Conducts GARP Talk**

Department of Molecular Biology and Biotechnology (MBBT), Tezpur University organized a two-day talk as a part of the departmental sensitization program on Good Academic Research Practices (GARP).

The first talk on GARP sensitization for M.Sc. and Integrated M.Sc. students was conducted on 12 November 2021 by Dr. R. Mukhopadhyay, Assistant Professor, Dept. of MBBT, Tezpur University and Dr. V.S.K. Mattaparthi, Assistant Professor, Dept. of MBBT, Tezpur University. While the second talk on the GARP sensitization for PhD students was conducted on 13 November 2021 by Prof. B. K. Konwar, Professor, Dept. of MBBT, Tezpur University and Dr. N. D. Namsa, Assistant Professor, Dept. of MBBT, Tezpur University.

The department organized a poster-making competition on the topics: 1. Research Design or 2. Conducting Research or 3. Manuscript preparation and publication.

#### Department of Environmental Science organizes Awareness and Sensitization Programme on 'Good Academic Research Practices'

The Department of Environmental Science, Tezpur University, organized an Awareness and Sensitization Programme on 'Good Academic Research Practices' on 23 and 24 November, 2021, under the aegis of Internal Quality Assurance Cell (IQAC), Tezpur University.

Prof. Apurba Kumar Das, Associate Professor, Environmental Department of Science. delivered a talk on Research Philosophy while Dr. Ashalata Devi, Associate Professor, Department of Environmental Science, spoke on Data Management with reference to Data Selection, Collection and Ethics. It was followed by a talk by Dr. Satva Sundar Bhattacharya, Assistant Professor of the Department, on Research Ethics and Data Appreciation. On the same occasion, a poster making competition titled 'Keeping Records of Research Data' was also organized in which the PhD and M.Sc students of the department participated. The event was coordinated by Santa Kalita, Assistant Professor, Department of Environmental Science.



### Dept. of FET organises an online faculty development Programme on material science and Engineering approach for Food system design sponsored by AICTE

The department of Food Engineering & Technology organised a faculty development programme on Material Science and Engineering approaches for Food System Design from 20 – 24 December which was coordinated by Prof. Brijesh Srivastava, Dept. of FET;Tezpur University. On that very occasion eminent subject experts and researchers from prestigious academic institutes and industries who delivered lectures on topics like "Micro to Macro-Level Structures of Food Material", "Food Functionalization and properties improvisation", Food stability and ingredients interactions", "Phase and State Transitions and Related Phenomena in Foods", "Food biopolymer gels, Microgel, Nanogel structures, Formation and Rheology", "Interfacial Phenomena in Structured Food", "Food structures and Delivery of Nutrients", "Material Science of Freezing and Frozen Foods", "Emerging Processing Technologies on Food Material Properties" and "Materials Science Approaches Towards Food Design".

The distinguished Guest for the programme was Dr Rekka Singhal of ICT, Mumbai, India who gave a lecture on Food Stability and Ingredients Interactions, Dr C.L. Mahanta of Tezpur University, India gave a lecture on Micro to Macro Level Structures of Food Materials, Dr. RK Singh of University if Georgia, USA who gave a lecture on Emerging Processing Technologies on Food Material Properties, Dr Ashim K Datta of Cornell University, USA who gave a lecture on Mechanistic Understandung of Food Processes, Dr. Suverndu Bhattachrya of CFTRI, Mysore, India who gave a lecture onRheological Methods and Modelling, and their applications in product Development, Dr Nandan Sit of Tezpur University, India who gave a lecture on Starch Modification : Novel Approaches for Food Product Development, Dr NK Rastogi of CFTRI, Mysore, India who gave a lecture on Recent advances in Membrane Processing for Food Product Development, Dr Biresh Srivastave of Tezpur University, India who gave a lecture on Electrical -Field Assisted Nonthermal Food Processing for Enhnacing Mass Transfer, Dr Keshavan Niranjan of University of Reading, UK who gave a lecture on Formation and Stability of Bubble Containing Food Structures, Dr Mohammed Kamruzzaman of University if Illionis, USA who gave a lecture on Application of Optical Sensing Technology for Food Quality, Authenticity and Adulteration Detection, Dr D.C. Saxena of SLIET, Longowal, India who gave a lecture on Food biopolymer gels, Microgel, Nanogel structures, Formation and Rheology, Dr MK Hazarika of Tezpur University, India who gave a lecture on Machine Learning Approaches in Food Characterization and Process Design, Dr Shyam S. Sablani, Washington State University, USA who gave a lecture on State/Phase Transitions, Ice Recrystilization, and Quality Chnages in Frozen Food Subjected to Temperature Fluctuations. Other lectures included Introductory session on Life Skills and Evaluation of participants through online test Valedictory.

Interdisciplinary Refresher Course on Pedagogical Innovations in Higher Education Organized by TLC

**T**eaching Learning Center, Tezpur University conducted an Interdisciplinary Refresher Course on Pedagogical Innovations in Higher Education on December 06-20, 2021 and this Refresher Course conducted in online mode. The programme was an effort towards empowering teachers with innovative pedagogical techniques for their own professional development and students' enhanced learning. During the course of the programme Teachers were acquainted with new pedagogical approaches, Flipped classroom, Project based learning, Peer and Collaborative learning, Creativity in Teaching Learning Processes, Use of ICT Systems and Technologies for Effective teaching, Assessment methods and reforms, Outcome based learning, Artificial intelligence for cognitive capabilities, Classroom presentation techniques, collaborative research, students' well-being and happiness and other related themes. The Ministry of Education (erstwhile Ministry of Human

The Ministry of Education (erstwhile, Ministry of Human Resource Development) launched the Pandit Madan Mohan

Malaviya National Mission on Teachers and Teaching (PMMMNMTT) in 2014 and one of its major component Teaching Learning Center (TLC)s have been engaged in facilitating teacher training throughout the country. It is envisioned that the TLCs will accelerate the teaching-learning process by encouraging independent critical and creative thinking and facilitating research for subject specific growth. The TLCs will assist the faculty in capacity building for curriculum designing, scientific assessment and evaluation and the development of innovative academic programs to strengthen the inclusive nature of higher education. The Teaching Learning Center, Tezpur University, Assam was set up in 2016 and since its inception it is engaged in assisting capacity building of the teachers for development of innovative skills in teaching, curriculum design, assessment and evaluation techniques and the Center is specifically encouraged to reach out to teachers teaching in regionally disadvantaged locations of Assam and the North East India. The Center offers month long Faculty Induction Programs, Refresher Courses, Short Term Courses like Faculty Development Programs in different disciplines, ICT tools in Teaching, Assessment and Evaluation and Action Research Programs. Since April 2020, TLC, Tezpur University has been conducting its programs in online mode following PMMMNMTT Guidelines and UGC Regulations.

# Faculty Development Programme on 'Issues of Exclusion in Assamese Literature'

The Teaching Learning Centre, in association with the Dept. of Assamese Tezpur University organised a Weeklong Online Faculty Development Program (FDP) on 'Issues of Exclusion in Assamese Literature' from 12-16 July 2021. The program focused on literatures of exclusion as well as sought to question the many ways in which the exclusion of literature takes place. It highlighted such texts and writers which are usually eluded in Assamese literature across various genres and styles.



Teaching Learning Center conducts a Weeklong Online Faculty Development Program for Emerging Areas in Foreign Language Study.

Weeklong Online Faculty Development Program (Eligible for Career Advancement under UGC regulation 2019) on "Emerging Areas in Foreign Language Study" has been organized by the Ministry Of Education and Teaching Learning Center, Tezpur University, A center of Excellence in Curriculum and Pedagogy Established in 2016 under PMMMNMTT Scheme, Ministry of Education, Govt. Of India in association with the Department of Foreign Languages, Tezpur University. The event commenced on 26th July, 2021 and continued till 30th July, 2021. The target group of the program were mainly the Faculty members and Research scholars of the institution.

The topics that had been discussed were Is Translation Possible? followed by Discussion (Debate and discussion) Methodology for Advance Level FLT. The discussion also included New Trends in Foreign Language Teaching and the Role of the Digital World. The program was held virtually on the online platform of Google Classroom and Google Meet.

# AICTE organized an Online Five Days Faculty Development Programme (FDP) on Strategic Management in the New Economic Environment.

he Department of Commerce, Tezpur University in collaboration with AICTE Training And Learning (ATAL) Academy organized a five day Faculty Development Programme on "Strategic Management in New Economic Environment." The FDP commenced on 22nd September till 26th September with the patron being Prof. V.K.Jain, Vice- Chancellor, Tezpur University. The objectives of the five days programme was to acquaint the participants with the concept of strategic management, strategy formulation, strategy implementation and control, the importance and implications of strategic management in the context of a new economic environment along with strategic issues related to large and small business organizations and start-up ventures. It also aimed to make the participants aware about contemporary issues like corporate governance, corporate social responsibility, innovation, knowledge management etc. and their strategic implications along with important cases related to strategic business decisions. As per the directives of the AICTE Training And Learning (ATAL) Academy, the target audience included faculty members of AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians/Participants from Industry etc.) and staff of host institutions (subject to not more than 30% from Host Institution). Maximum two hundred participants were selected for the training program. The Certificates were issued by AICTE Training and Learning (ATAL) academy to those participants who attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP. The organizing committee included Dr. Santi G. Maji, Department of Commerce, Tezpur University Dr. Reshma K. Tiwari, Department of Commerce, Tezpur University Dr. Farah Hussain, Department of Commerce, Tezpur University Dr. Manish Kumar, Department of Commerce, Tezpur University and Mr. Dhritabrata J. Bharadwaz, Department of Commerce, Tezpur University. It was coordinated by Dr. Biswajit Ghose, Assistant Professor, Department of Commerce, Tezpur University.

### Faculty Development Prog. Held on "Intellectual Property Rights in Academic Excellence"

The Teaching Learning Centre, Tezpur University, in association with DPIIT IPR Chair, Intellectual Property Rights (IPR) Cell organised a weeklong Online Faculty Development Program on Intellectual Property Rights in Academic Excellence during 12-16 July, 2021. This also had the support of Ministry of Education, Govt. of India.

The topics discussed included Innovation management and Intellectual Property Rights, IP commercialization and Licensing, Procedures and practices in Intellectual Property Protection, IP Driven Business Plan, How to manage am Intellectual Property Portfolio, Intellectual Property Law, Intellectual Property for Societal Development, Need and Challenges of IP Law, and Geographical Indications in IPR.

The Tezpur University Intellectual Property Rights Cell (TUIPR Cell) aims to evolve into a centre of excellence in the North Eastern Region in fields related to IPR Education, innovation management integrated with IPR within an educational Framework, protection of traditional knowledge and practices for socioeconomic development, and contributing to the development and implementation of IPR Policy in the regional and national context.

Meanwhile, Tezpur University Intellectual Property Rights Cell (TUIPR Cell) was established in 2009 with a vision to develop human resource in the management of Intellectual Property Rights as an integral part of the innovation process and the innovation value chain in the University. Several patent, copyright and industrial design applications have been filed based on the innovations done in Tezpur University, mentions the website, which further adds, the Cell has been involved in several IPR awareness and implementation programmes in the University Campus and also across the North East region.

It may be mentioned that the Ministry of Education (MoE) was created on September 26, 1985, through the 174th amendment to the Government of India (Allocation of Business) Rules, 1961.

# Workshop on ICT tools for Effective Teaching and Learning Organized

eaching Learning Centre (TLC), Tezpur University organized a ten-day Online Self-Paced Workshop on ICT tools for Effective Teaching and Learning from 25 October 2021 to 03 November 2021.

While it is a fact that the COVID 19 situation has compelled many to adopt ICT based teaching-learning system, it is also a fact that this is the new normal in the Indian Education scenario. This paradigm change is going to stay even beyond the post-Covid-19 situation. The UGC has already recommended a Blended Model of learning where up to 40% of teaching can be done through Online mode. Thus, the knowledge of ICT tools useful for higher education and the training for the effective use of such tools are necessary for all. This is because digitally literate teachers can easily communicate, create, disseminate, store and manage information. The workshop will include both live sessions and pre-recorded video sessions disseminated in online mode.

The workshop was organized by TLC, Tezpur University set up under PMMMNMTT Scheme, Ministry of Education, Govt. of India. Teaching Learning Centre, Tezpur University has been conducting Refresher Courses, Faculty Induction Programs and other training Programs including various ICT training programmes for teachers of higher education as per PMMMNMTT mandate since 2016.

Teaching Learning Center holds Weeklong Online Faculty Development Program on " Emerging Areas in Food Engineering and Technology"



Weeklong Online Faculty Development Program (Eligible for Career Advancement under UGC regulation 2019) on "Emerging Areas in Food Engineering and Technology" has been organized by the Ministry Of Education and Teaching Learning Center, Tezpur University, A center of Excellence in Curriculum and Pedagogy Established in 2016 under PMMMNMTT Scheme, Ministry of Education, Govt. Of India in association with the Department of Food Engineering and Technology. The event commenced on 26th July, 2021 and continued till 30th July, 2021. The target group of the program were mainly the Faculty members and Research scholars of the institution.

The topics that were discussed were novel separation techniques in food processing, advances in high pressure processing of foods followed by application of cold plasma in food processing, and supercritical fluid extraction. The discussion also included electric field based novel technologies for food processing, computational creativity in food development, followed by functional properties, applications and processing technologies of pigmented rice, application of biosensors for quality control in food processing, dietary fiber as functional food as well as about the recent advances in food packaging. The program was held virtually on the online platform of Google Classroom and Google Meet.

# Faculty Development Program on "Emerging Areas in

Teaching in Hindi Weeklong" Weeklong Online Faculty Development Program, Eligible for Career Advancement under UGC regulation 2019, was initiated by the Teaching Learning Centre, Tezpur University. This was with focus on "Emerging Areas in Teaching in Hindi", in association with the Dept. of Hindi. The programme was from 06 September- 10 September, 2021. The target group was Faculty Members and Research Scholars. The Enrolment Fee was Rs. 800/- only.

The Department of Hindi was established in January 2010. The Department aims to provide instruction in Hindi Literature, Language and various aspects of Functional Hindi.

It also envisages to carry out meaningful and relevant research in Hindi Literature, Language, Folk- Lore, Comparative Literature, Translation Studies etc. The Department is running a Certificate Course in Official Hindi, Level-1 for the employees to help them to develop self-confidence and skill in writing and communicating in Hindi. The Department has also started M. A. Programme, Ph. D programme and Post Graduate Diploma Programme in Translation.

# Faculty Development Prog. held on "Emerging Areas in Molecular Biology and Biotechnology"

In association with Dept. of Molecular Biology and Biotechnology, Tezpur University; the Teaching Learning Centre organised a Weeklong Online Faculty Development Program, Eligible for Career Advancement under UGC regulation 2019, on "Emerging Areas in Molecular Biology and Biotechnology". The program date was from 06-10 September 2021. The enrolment fee was Rs.800/- only. The Target Group was Faculty Members and Research Scholars.

The topics discussed were DNA: The Molecular Basis of Life, Breakthrough discoveries in the field of Molecular Biology and Biotechnology, Genomics: Understanding the gene and gene regulation, Omics & System biology: An interdisciplinary approach to understand biological complexities, Recombinant DNA Technology: Revolutionizations of modern Biology, Bioinformatics: Integrating biological information for acceleration of drug discovery, Molecular evolution of SARS-CoV-2 and recent interventions, Immune system: Is it a hide and seek game in fight against pathogens?, and Biosafety: Safety concerns and ethical issues in biological research.

The Department of Molecular Biology and Biotechnology (MBBT) is supported by UGC-SAP DRS II and DST-FIST. It was established on July 24, 1997. Department got recognition from Department of Biotechnology (DBT) of the Ministry of Science and Technology, Government of India for its Post Graduate programme in 1998.

The department offers two-year M. Sc degree in Molecular Biology and Biotechnology, five-year Integrated M Sc in Bioscience and Bioinformatics/ Life Sciences and PhD in Molecular Biology and Biotechnology. Faculty members of the department are trained in modern areas of Molecular Biology and Biotechnology from various Internationally reputed Institutes and actively involved in research.

Reference Dept. of Molecular Biology and Biotechnology (MBBT) - the Trust Areas of Research are Microbial, Plant, Animal and Environmental Biotechnology, Disease Biology, Bioinformatics and Computational Biology, Omics in Biology.

# New basketball court inaugurated, friendly match among TU students held

In a bid to promote sports and physical fitness, Tezpur University (TU) initiated a synthetic basketball court in the campus, beside the community hall. This newly constructed synthetic basketball court was inaugurated on 01/12/2021 at 6.00 pm by Vice Chancellor Prof. Vinod Kumar Jain.

On this occasion, the university a friendly match among Tezpur University students. Several professors, students, etc. were present on the occasion.

The programme started at 6:00 pm, followed by Welcome address by the Dean, Students' Welfare 06.05 p.m. The inauguration of the newly constructed basketball court was done by Hon'ble Vice Chancellor at 06.15 p.m. Next was the address by Hon'ble Vice-Chancellor, TU at 06.25 p.m. The Vote of Thanks was given by Asst. Director of Physical Education around 06.30 p.m. And then the inauguration of Basketball friendly match. The end of the programme was at 7:00 pm.

It may be mentioned that, Tezpur University was established by an Act of Parliament in 1994. The objects of this Central University as envisaged in the statutes are that it shall strive to offer employment oriented and interdisciplinary courses to meet the local and regional aspirations and the development needs of the state of Assam and also offer courses and promote research in areas which are of special and direct relevance to the region and in emerging areas in Science and Technology.

### AICTE sponsored one-week ATAL Faculty Development Programme on Enhancing Productivity through Effective Stress Management

The Department of Business Administration organized an AICTE sponsored one-week AICTE Training and Learning (ATAL) Faculty Development Programme (FDP) on Enhancing Productivity through Effective Stress Management in association with Art of Living Foundation. It was held virtually under pandemic uncertainty from 23rd to 27th August, 2021. The theme was about Enhancing Productivity through Effective Stress Management. The resource persons of this event were the In- house mentors and members from Art of Living Foundation. Prof. V.K.Jain, Vice Chancellor, Tezpur University was the patron of the programme organizing team and the advisors included, Prof. D.K. Bhattacharya, Pro VC, Tezpur University; Prof. P. Baruah, Dean, School of Management Sciences; Prof C. Goswami, Head of Department, Business Administration. The members were Prof. M.K.Sarma, Prof. (Mrs) C.Goswami, Prof S.S. Sarkar, Dr.A. Bhuyan, Dr. A.Roy, Dr. H. Borpujari, Dr. R. Das, Dr. K. Mahanta, Dr. M. Dutta, Dr. P Baruah. The topics that were being discussed were Stress Generation, and Tension areas at Workplace and Homefront, Improving efficiency and productivity through effective time management followed by Understanding Breath-Mind-Body connection, and introduction to Sudarshan Kriya. It also discussed Understanding levels of body, mind, intellect and emotions, Response and Reactions, Relaxation and clarity of mind through meditation and control. This included Commitment and Comfort; Responsibility and Belongingness as well as about Effort-Benefit Analysis for overcoming Stress. The programme was coordinated by Dr. Tridib R. Sarma, Associate Professor, Department of Business Administration, Tezpur University.

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