

10 years of IPR Cell in Tezpur University.....



About Tezpur University

Tezpur University was established by an Act of Parliament in 1994 and is outcome of the historic Assam Accord signed by the Government of India, Government of Assam and the All Assam Students' Union in 1985. Now, the University is nestled in a 262-acre campus, at Tezpur in middle Assam with 3800 students, 290 faculty and 300 non-teaching staff. The university had been securing recognition from various government and non-governmental organisation at national as well as international levels including the "Best University" award by the Visitor (President of India) in 2016, 5th Position in the National Institutional Ranking Framework of Ministry of Human Resource Development, Government of India, 2016, 100th rank in the Times Higher Education Asia University Rankings 2018, etc. In pursuit of the holistic development of the students, the University has created state-of-the art facilities -academic as well as co-curricular- on its campus. Apart from the in camps activities, the Students are encouraged to make meaningful contributions to the development of the society at large. The Alumni of the University have already created a niche for themselves and their Alma Mater occupying top positions in various reputed organisations including MNCs worldwide.

Message from the Vice-Chancellor

At the very outset, I would like to congratulate the Intellectual Property Rights Cell for successfully discharging its objectives since its inception. This decadal celebration marks your grit and zeal to contribute and integrate IPR in knowledge value chain within the framework of Tezpur University as well as in the fields of education, innovation and management. The entire discourse today in academics, politics, governance and media invocally exhibit a concern over anthropogenic climate change. The persistent panacea for this impending crisis of human kind is pathway that leads to sustainable development. In this context the role of innovation and technology is unparalleled. Its very encouraging and assuring to see that your vision to develop human resource in the management of IP rights as integral part of the innovation process in University. I would urge the Cell to evolve as a think tank on policy matters related to IPR in India with special emphasis on issues relevant to North-East Region. My warm regards to the IPR Cell in this endeavour.



V. K. Jain



About The IPR Cell



Message from the Coordinator

Having witnessed the inception in 2009, I am naturally delighted to see that the Cell grow healthily over the years, now spreading its wings with firm footing to take the next leap. Like any new venture, the IPR Cell, subjected to all trials and tribulations, has passed the fire test and has emerged as Nodal Centre in the field in this region of the country. Today, it has transformed itself into a high-class education centre, producing IPR literate manpower year after year. From the prospects of intellectual growth and the inevitable expansion of the innovation led society, the Cell



is rightly gearing itself for facilitating education, research and innovations. It is now poised to establish a fine synergy between intellectual property developed in the campus and transfer of the technology to the industries. We are also conscious of the fact that much is still to be done for ensuring the economic returns to the inventors and sustaining the entrepreneurial spirit. With an array of gratifying accomplishments during its course of decadal journey, I am confident that the IPR Cell shall continue to strive forward and fulfil its social responsibility wherever required. Now, it is for us to carry on, cover new grounds and move ahead with a renewed perspective to protect and regard the generated intellectual property.

I take special pride and pleasure in joining you in the ten years celebration and congratulating all concerned for upholding the excellence.

P. Deb

The Journey of the IPR Cell from inception till today

The Tezpur University Intellectual Property Rights Cell (TUIPR Cell) came into existence in Tezpur University in 2009. In the year 2010, the University was awarded the prestigious MHRD IPR Chair that started functioning under the umbrella of the TUIPR Cell. Besides assisting the TU fraternity for IPR related matters, the Cell has been conducting various workshops, training and outreach programmes on regular basis. The aim behind all the conducted programmes is to introduce intellectual property (IP) consciousness to a wide spectrum of audience representing different strata of the society. IPR has been introduced in the University curriculum to develop a sense of respect among students for the intellectual property and knowledge to protect them by means of various IPR tools. In order to make research activities rewarding and self sustaining, the TUIPR Cell has been taking a number of initiatives to promote protection of IPs resulting from the research activities undertaken in the University. The cell has come in collaboration and agreement with government agencies for receiving support for filing of patent applications and also is in agreement with a reputed IP attorney firm to handle certain critical issues related to the filing procedure. Another MoU is in consideration with a government agency for commercialization of the protected technologies. Besides this, assistance from various government agencies have been availed from time to time for getting financial support associated with procedural requirements for protecting various IPs emanating from academic research. Currently, the Cell is focussing on creating a conducive environment for the industries to feel confident while seeking solutions to their problems with the innovators of the University, thereby paving way for successful technology transfer and commercialization.

Enlightening the university fraternity on IPR



The IPR awareness and sensitization workshops that were conducted between 2010-2016 in the Tezpur University Campus .

Enlightening the Neighbourhood



IPR awareness workshops in collaboration with Dibrugarh University, Tripura University, NERIST-Itanagar, NIT- Agartala, IEI- Guwahati and Silchar Chapters, NEHU-Tura Campus etc during 2012-2016.

celebrating the spirit of IPR with the world



Eventful celebration of World Intellectual Property Day in the Campus between 2011 and 2017

Shouldering IPR awareness with Judiciary and Police



Training programme conducted by the Cell on Copyright & Trademark for Police Officials, Judicial Officers and Prosecutors during 8-9 November, 2012

Reaching out to the grassroots



Training programme for the Grassroot level Women Innovators of North-East India, training programme on Traditional Knowledge, Socio-Economic Development and Intellectual Property Rights, and GI Clinics for Authorised User registration for Muga—the first GI from Assam (during 2013 -2016)

Igniting the young minds



CBCT Courses on IPR at Undergraduate, Post-Graduate and Ph.D levels

Capacity building of the TU Researchers



Patent and Analysis Workshops conducted for the innovators and Ph.D Scholars in Tezpur University during 2014-16 and workshop on Information Access and Analysis in the Innovation and Research Value Chain in 2017.

standing tall in the national arena



Gandhian Young Technological Innovation (GYTI) Awards 2017 to Mr Iftak Hussain of Dept. of Physics, Tezpur University and his research group for his innovative work on design and development of low-cost and field portable smartphone based optical platforms for photometric sensing application, specifically useful for water quality monitoring (Patent application no. 201631022922)



Gandhian Young Technological Innovation (GYTI) Awards 2018 to Ms Pallabi Das, Dept. of Environmental Science and Ms Kasturi Sarmah of Dept. of Chemical Sciences, Tezpur University and their research group for their innovative work on large-scale synthetic routes to manufacture iron (oxalate) capped metal oxide nanomaterials that are wonderful soil conditioners for increasing micronutrient availability to plants with least toxicity (Patent application no. 201631010727)

Innovations ready for commercialization

Sl.No Title of Invention

- 1 A portable optical fiber instrument for instant petrol purity detection
- 2 Designed 2d graphitic sheet for viscous oil removal using magnet
- 3 Integrated and automated set up for preparation and vending of panipuri
- 4 Toxin-epitope based detection of species-specific snake envenomation
- 5 Synthetic anticoagulant peptides derived from *Naja naja* snake venom
- 6 A smokeless multifunctional and multipot solid fuel stove
- 7 Magnetic secondary nanostructure as contrast agent for Magnetic resonance imaging
- 8 Selective para-hydroxylation of substituted aromatic hydrocarbons using H₂O₂ catalyzed by waterborne hyperbranched polyurethane/carbon quantum dot nanocomposite"
- 9 Smartphone based system for detection and measurement of chemical and biological species in liquids
- 10 A Two Way Ratchet
- 11 Intelligent Helmet System
- 12 Novel Soil Conditioners
- 13 Casein Nanoparticles for Colon Targeted Controlled Delivery of Biologically Active Agents in Foods
- 14 Microwave mediated processing of turmeric
- 15 Anticoagulant actives and synergistic anticoagulant composition and method of producing the same
- 16 A Synthetic hyperbranched epoxy surgical sealant and a process for preperation thereof.
- 17 Nanocatalyst for bio oil production
- 18 Mesoporous secondary nanostructures as multifunctional heavy metal scavenger
- 19 A tough synthetic low dielectric hyperbranched epoxy thermoset and a process of preperation thereof.
- 20 Multifunctional nanoparticles, methods of synthesis therof, and methods of biomedical uses therof.
- 21 Eco friendly dry chilli spray from Bhot Jalakia of Assam
- 22 Insulin mimetic active comprising oxodiperoxo vanadates and a pharmaceutical composition obtained thereof.
- 23 Digital Occupany Meter for Commercial Passenger Vehicles
- 24 Enhanced fixed-bed limestone defluoridation of groundwater using a solid acid to get potable water.
- 25 A single step process for making polyaniline nanofiber reinforced polymer nanocomposite based transparent, antistatic and UV –protective coatings by in-situ rapid mixing polymesization.
- 26 Vehicle on board alignment detection and correction system (For Mac Pherson and Double Wishbone type)
- 27 Arsenic removal from water using NaHCO₃ or KHCO₃ or plant ash or their mixtures
- 28 Development of thiophene linked azomethine based polymer for photovoltaic application
- 29 Graphite filled polyaniline and its suitability in electrode
- 30 Polythiophene based light emitting diode with improved luminescence characteristics and polythiophene based chemical sensor for detecting heavy metal ions, acids.
- 31 A Reduced Size Linearly Tapered 3dB (Half Power Splitter) Multimode Interference (MMI) Coupler

The IPR Policy

Formulation of the IPR policy for Tezpur University has been one of the significant contributions of the Cell towards creating and securing a IPR conscious ecosystem.

This Policy provides directives to all persons and institutions associated with Tezpur University on processes to be followed by its faculty, staff, students, collaborators, funding agencies and their like, with regard to products of their creative endeavours, converting them into effective intellectual property (IP), transacting their generated IPR in the course of knowledge transfer for commercialisation and societal growth. Tezpur University recognises that efficient management of IPR within its educational system will not only enhance the quality of the education and research, but will also ensure cohesive development of worthy human resource with added skills embedded with ethical values.

For any query, please contact:
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