

ANNUAL REPORT

(2015-2016)



*Ministry of Human Resource Development sponsored
Intellectual Property Right Chair
Tezpur University*

*Tezpur University Intellectual Property Rights Cell
(TUIPR Cell)
Tezpur University (A Central University)
Napaam, Tezpur-784028
Assam, India*

EXECUTIVE SUMMERY OF THE REPORT FOR THE YEAR 1015-16

1. Academic Activities...

A. Conducting Courses in the main stream Undergraduate and PhD programmes.

- i) IPR in Under Graduate course IP201 (3 credits) has been designed and offered as an elective subject in the spring semester of 2014. In Spring semester 2016, the student intake became 17 (seventeen). Students from English Foreign Languages, Food Engineering Technology, Physics department enrolled for the course.
- ii) In Spring semester 2015, IPR (4 credits) is offered for the PhD research students (IP701). This course was first implemented in the Autumn semester, 2013. In the year 2014 it was decided to continue the course in both the semesters considering high student demand. In Spring semester 2016, eight (8) students opted the course.

The primary means of teaching is done by means delivering lectures. The subject taught during lectures is supported by power point presentation. Lectures, in both IP201 and IP701, are also conducted time to time by the MHRD IPR Chair Professor using the National Knowledge Network (NKN). In addition to attending the course lectures, the students undertook group studies on special topics and delivered seminars to their peer groups as part of their group learning exercise. Evaluation of the students is done as per the university guidelines. Six numbers of tests are taken in one semester to evaluate the students, including group presentation.

Regular feedback is taken from students at the end of the Semester. The Cell takes necessary steps on the suggestions given by students. Regarding the course structure and syllabus, the receives positive feedback from the students.

B. Facilitating assessment and IPR filings of university innovations

The TUIPR Cell received 4 invention disclosures from MBBT, Food Engineering Technology and Chemistry departments. These were evaluated by the MHRD IPR Chair Professor in consultation with the inventors. Contextual prior art searches in addition to those done by the researchers were conducted and the novelty and inventive steps were assessed. Based on these benchmarks,

- Four (4) patent proposals have been sent for filing.
- Three have been filed as provisional applications. One is in the last stage of its processing.

- Two patent proposals were given specific recommendations for improving their inventions to meet the inventive step requirements.

2. In Campus Events :

- **World IP Day, 26 April, 2015**

The one and half day programme for celebrating World Intellectual Property Day 2015 commenced on 26 April, 2015. The programme on 26 April started with a quiz programme on Intellectual Property Rights at the screening Hall of the Department of Mass Communication. Students from various academic and technical programmes participated in the same forming 22 teams. The IP day talk was delivered by the head of the EU delegation, Mr. Denis Dambois. He has been heading the Research and Innovation Section of the Delegation of the European Union to India (Delhi), where he contributes to the establishment of EU-India collaborative projects, to the implementation of the Indo-European Research and Innovation Partnership, and to the coordination of EU Member States' Research and Innovation activities in India.

The programme was attended by 142 participants from the university representing a diverse mix of students, research scholars and faculty members.

Total expenditure incurred for conducting the programme was **Rs. 1,34,922.00** (Rupees One lakh thirty four thousand nine hundred twenty two only),

- **Workshop on Patent Search and Analysis at Tezpur University on November 21, 2015.**

The TUIPR Cell with the help of the MHRD IPR Chair Professor, Tezpur University, designed a patent search and analysis workshop for researchers to familiarise and train the researchers on search of patent databases and also to initiate patent analysis so that the researchers can develop a base-level competence to conduct patent searches, analyse the patents for their technical content, prepare technical landscapes and design meaningful research proposals and approaches to their research prior to embarking on their research pathway.

Apart from theoretical sessions, the workshop had a specially designed practical session for patent literature and database search session.

The workshop was held on **November 21, 2015** at Tezpur University. Fifty Seven (57) participants consisting of faculty, researchers and students from various departments of the University participated in the workshop.

An amount of **Rs 73,980.00** (Seventy Three thousand Nine Hundred Eighty only) was spent for the day long programme.

3. Outreach Programme:

- **Facilitation of Innovation and Commercialisation by Intellectual Property Rights, 29 February, 2016**

A one day outreach programme entitled **Facilitation of Innovation and Commercialisation by Intellectual Property Rights** was held Tura Campus of North Eastern Hill University (NEHU) on 29th February, 2016. The aim of this workshop was to build greater awareness and develop insights into the complex mechanism of creation, ownership and protection of Intellectual Property. Development of our society through multi pronged strategy of safe e-infrastructure, secured cyber space and powerful Knowledge network through the prevention of unauthorized access of stakeholders rights are prime focus of the workshop.

Eighty eight (88) participants from various departments attended the workshop.

An amount of **Rs 60,000.00** (Sixty Thousand only) spent in the programme.



Report on

***Colloquium for celebrating World
Intellectual Property Day***

26 April, 2015

Organised by

**Tezpur University Intellectual Property Rights Cell
Tezpur University (A Central University)
Napaam, Tezpur- 784028, Assam, India**

The Report

The one and half day programme for celebrating World Intellectual Property Day 2015 commenced on 26 April, 2015 with a quiz programme on Intellectual Property Rights at the screening Hall of the Department of Mass Communication.

Students from various academic and technical programmes participated in the same forming 22 teams. The Quiz was conducted by quiz master, Mr. Asutosh Das, in two phases. The preliminary round was meant for screening the participants for the finale. Consequently, 44 students were screened after the first round based on the marks obtained in the written test conducted with objective type questions containing audio visual



Photo: Volunteers helping in screening of participants for the finale

clues. The finale started in the second half of the programme that tested awareness among the participants on various matters of IPR affecting our daily lives. From copyright issues in popular Bollywood numbers to patent controversies in pharmaceutical industries, the Quiz covered a broad range of topics that amused the participants and audience with equal fun and vigour. The programme was made special by the lively audience and therefore it was decided to constitute a special prize for the audience. This year the theme of the IP day celebration worldwide was based on ***“Get up, stand up. For music”***. With unprecedented accessibility to musical genres and styles –



Photo: One of the participants during the finale

all at the tap of a screen, many issues haunt the legitimacy of the technologies for accessing music: downloading or streaming, purchase or subscription, direct sale from creator. Therefore, a considerable part of the Quiz programme focused on IPR issues associated with works of thousands of creative people around the world – singers and songwriters; musicians and publishers; producers,

arrangers, engineers and many others. By means of very insightful questions, the quiz master tried to draw attention towards some of the pertinent IPR issues that are affecting the music industry today.

At the end of the programme, three teams were adjudged the winner, first and second runners up respectively. All the participants were provided with a certificate of participation and a T-shirt containing the world IP Day theme. As 26th of April this year was on Sunday, rest of the programmes were conducted on 29th of April (Wednesday) that also coincided with visit of an expert team of European Union delegation to the University.



Photo: Honourable Vice-Chancellor during inauguration of IP Day talk

The gathering was welcomed by the Coordinator, TUIPR Cell Dr. P. Deb and honourable Vice-Chancellor, Prof. M. K. Chaudhuri, introduced the theme and elaborated on the increasing necessity of protecting innovations through IPRs specifically using Patents and copyrights in academic institutes. He raised his concern over the poor number of patents filed from Indian Universities as compared to some of the leading Universities in countries like U.S., China and Japan. He reiterated that time has come to make research a self sustaining activity in academic institutes.

The IP day talk was delivered by the head of the EU delegation, Mr. Denis Dambois. He has been heading the Research and Innovation Section of the Delegation of the European Union to India (Delhi), where he contributes to the establishment of EU-India collaborative projects, to the implementation of the Indo-European Research and Innovation Partnership, and to the coordination of EU Member States' Research and Innovation activities in India. He was accompanied by a team of seven experts that visited the University for exploring scopes of partnership in Indo-European Research. On 29th April, the IP day celebration culminated with the IP Day talk by the invited guest.

The invited speaker, Mr. Denis Dambois briefed about the history and current status of IP protection through his lecture themed "*An Introduction to Intellectual Property: A Live Wire for Innovation and Technology Transfer*". He began with a case study on Mandy Haberman, an ordinary woman, who invented 'feeder' for children who have sucking problems. He went on to share the story of this lady who had to fight a legal battle on IPR in U.K., and how it teaches about the act of infringement, and how IPR tools were later considered helpful in protecting IP in that country. Besides sharing other experiences on IPR infringement and impact of IPR on company values, he tried to focus on the performance of various countries in matters of IP protection and commercialization with statistical illustration. Various bottlenecks and probable reasons behind the same were also discussed.



Photo: Mr. Denis Dambois delivering IP Day talk

The programme was attended by 142 participants from the university representing a diverse mix of students, research scholars and faculty members. Other members of EU team also deliberated one after another, highlighting opportunities and avenues for research in their country of representation. They discussed and encouraged students to take up higher studies and explained about the various available scholarship schemes at Ph.D and Post-Doctoral level.

It is noteworthy to mention here that besides celebrating this annual event for disseminating IP awareness in the campus, TUIPR Cell has been conducting various other programmes at the grassroots level also to spread the cause of IP consciousness. One such programme was recently conducted as a GI Camp in North Lakhimpur College on 17th March, 2015. The focus of that event was to assist the Muga weavers of the region to register themselves as authorised users for *Muga Silk of Assam* (a registered GI from Assam). This endeavour will be empowering 94 grassroot cultivators/weavers to use the logo and the name of this registered GI on their finished products that ensures purity of such regional products to the national and international consumers. The participants accounted for the handful IP literate weavers/cultivators of the state who have understood and appreciated the importance of IP. Therefore, keeping in view the aforementioned aspect, the TUIPR Cell had invited some of the potential users (GI applicants) from remote Laluk (Lakhimpur District, Assam) to the university and gave them the opportunity to showcase their products before the EU delegation in the exhibition-cum-sale. The exhibition also acted as a platform for the members of TU fraternity to meet and interact with the grassroot level Muga-Endi cultivators and buy their products.



Photo: Exhibition-cum-sale of ethnic silk products of Assam during the event

The World IP Day-2015 programme ended with prize distribution to the winners of the IP Day Quiz. The prizes for another event, “the best innovative idea”, could not be given due to insufficient entries, however the Cell celebrated its maiden effort to motivate the students to think and innovate beyond the regular academic curriculum. The organisers are optimistic that this competition will receive huge response among students in the coming years. Celebration of human creativity in the form of world IP Day is a continuous effort by the TUIPR Cell for last few years. Persistent effort from the organisers in the form of Quiz, exhibition and IP Day talk are sure to spread more awareness within the potential human resource to create and safeguard intellectual outputs. The Cell plans to add

another event, “Annual IP Lecture” from an eminent IP expert, in the list of its calendar events to motivate the TU fraternity further. The financial help received from ASTEC and MHRD in organising the programme is deeply acknowledged. Total expenditure incurred for conducting the programme was Rs. 1,34,922.00 (Rupees One lakh thirty four thousand nine hundred twenty two only), out of which Rs 20,000.00 (Rupees twenty thousand only) was used from the annual grant received from ASTEC while the rest was organised with the grant received for the MHRD IPR Chair. The Cell would like to mention about the support received from the Tezpur University Administration that made the event-arrangement effortlessly simple. Lastly, the organisers feel thankful to the EU delegation for coming such a long way and sparing their precious time to share their view with the TU fraternity on the occasion of World IP Day, 2015.



Photo: Members of TUIPR Cell with the some of the members of Delegation of European Union to India.

Some more glimpses of the programme

ANNEXURE-II



Felicitation of Mr. Dambois, IP Day Speaker, Head of Research and Innovation, EU Delegation to India by honourable Vice-Chancellor, Prof. M. K. Chaudhuri.



Felicitation of Mr. Vivek Dham, Adviser- Research and Innovation, EU Delegation to India by Dean Research & Development, Prof. C.L. Mahanta.



Felicitation of Dr. Marianne Jensen, Science and Technology Counsellor, Royal Norwegian Embassy



Felicitation of Mr. Som Sekhar Ganguli, Business Development Executive EBTC, Kolkata



Mr. Dambois during one of the interactive sessions



Participants in question-answer session

Some more glimpses of the programme



Quiz Master Mr. Ashutosh Das conducting the programme on 26th April, 2015



Participants of the Quiz programme



One of the team members of the winning team accepting the trophy from MHRD IPR Chair Professor, Prof. P.Ganguli.



One of the team members of the runners-up team accepting the trophy from the Dean, School of Management, Prof. S.S.Sarkar



Team members of the 2nd runners-up team accepting the trophy from Coordinator, TUIPR Cell, Dr.P.Deb.



Felicitation of the Quiz Master, Mr. Ashutosh Das by the IP Day speaker, Mr. Dambois.

PROGRAMME SCHEDULE

| 26 th April, 2015 | |
|------------------------------|---|
| 2.00 pm-3.00 pm | Preliminary round for screening participants for the Quiz finale |
| 3.00 pm-3.30 pm | Refreshment Break |
| 3.30 pm-5.30 pm | Quiz Finale |
| 29 th April, 2015 | |
| 2.30 pm—3.45 pm | IP Day talk by Mr. Denis Dambois, first Counsellor and the Head of Research and Innovation, the Delegation of the European Union, New Delhi |
| 3.45 pm—4.00 pm | Prize distribution to the winner of IP day Quiz |
| 4.00 pm—4.05 pm | Vote of Thanks |
| 4.05 pm—4.20 pm | High Tea |
| 2.30 pm—5.00 pm | Exhibition of traditional Muga & Endi products by rural silk cultivators of Lakhimpur. |



**PARTICIPANT LIST OF IP DAY QUIZ ON 26
APRIL**

| SL.NO | NAME OF THE PARTICIPANT | DEPARTMENT |
|--------------|--------------------------------|---|
| 1 | ABHISHEK PATIRI | COMPUTER SCIENCE & ENGINEERING |
| 2 | TARUNAVA DUTTA | COMPUTER SCIENCE & ENGINEERING |
| 3 | B.HAMANTA.KR.RAO | COMPUTER SCIENCE & ENGINEERING |
| 4 | HRISHIKESH BHARALI | BUSINESS ADMINISTRATION |
| 5 | POONAM BARHOI | BUSINESS ADMINISTRATION |
| 6 | ARUNDHATI SARMAH BARUAH | BUSINESS ADMINISTRATION |
| 7 | OSHM BARMAN | BUSINESS ADMINISTRATION |
| 8 | KALYAN JYOTI KALITA | CHEMICAL SCIENCES |
| 9 | HRISHIKESH BHARALI | CHEMICAL SCIENCES |
| 10 | DHIRAJ MEENA | CIVIL ENGINEERING |
| 11 | PARIKSHIT SHARMAH | CULTURAL STUDIES |
| 12 | DUDUL DAS | ENERGY |
| 13 | ARNAB JYOTI KONWAR | ENERGY |
| 14 | SAMAR DAS | ENERGY |
| 15 | ELIZA DUTTA | ENGLISH AND FOREIGN LANGUAGES |
| 16 | AYUSHMAN DEVRAJ | ENGLISH AND FOREIGN LANGUAGES |
| 17 | RAJDEEP BARMAN | ENGLISH AND FOREIGN LANGUAGES |
| 18 | NILOTPAL DAS | ENVIRONMENTAL SCIENCE |
| 19 | ABHIJIT BORA | ENVIRONMENTAL SCIENCE |
| 20 | SURAJIT BARUAH | ENVIRONMENTAL SCIENCE |
| 21 | JYOTISHA SAIKIA | MASS COMMUNICATION AND JOURNALISM |
| 22 | PRIADARSHINI MEDHI | MASS COMMUNICATION AND JOURNALISM |
| 23 | KRISHNA JAISWAL | MECHANICAL ENGINEERING |
| 24 | SHWETABH SINGH | MECHANICAL ENGINEERING |
| 25 | VIJOY KUMAR | MECHANICAL ENGINEERING |
| 26 | ANUBHAV JOSHI | MECHANICAL ENGINEERING |
| 27 | RAKSHIT PAREEK | MECHANICAL ENGINEERING |
| 28 | ABHISHEK UPADHYAY | MECHANICAL ENGINEERING |
| 29 | DEEPAK CHHETRI | MECHANICAL ENGINEERING |
| 30 | NUMAN SIDDIQUE MUZUNDER | MECHANICAL ENGINEERING |
| 31 | MRIDUL KR. NATH | MECHANICAL ENGINEERING |
| 32 | VEDANTA BARUAH | MECHANICAL ENGINEERING |
| 33 | AJOY CHETRY | MECHANICAL ENGINEERING |
| 34 | SHINAM BAJPAI | MECHANICAL ENGINEERING |
| 35 | ABHISHEK ANAND THAKUR | MECHANICAL ENGINEERING |
| 36 | MRINMONY KHETRI | DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY |

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| 37 | RAHUL CHOUDHARY | DEPARTMENT OF PHYSICS |
| 38 | SNEHASHIS PARASHAR | DEPARTMENT OF PHYSICS |
| 39 | RONIT HAZARIKA | DEPARTMENT OF PHYSICS |
| 40 | UDITYA NARAYAN BORA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 41 | JAVED ISMAIL | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 42 | SHASHANK TRIPHATTI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 43 | SUBHASISH DUTTA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 44 | SHIVAM KAUSHIK | ELECTRONICS AND COMMUNICATION ENGINEERING |

LIST OF PARTICIPANTS FOR IP DAY TALK ON 29TH APRIL, 2015

| Sl.no | Name of the participant | Department |
|-------|----------------------------|--|
| 1 | LANKESWAR BORO | ADMINISTRATIVE OFFICE |
| 2 | K.P.UPADHYAY | ADMINISTRATIVE OFFICE |
| 3 | UPAKUL SARMAH | ADMINISTRATIVE OFFICE |
| 4 | MONIKHA CHETRY | CHEMICAL SCIENCES |
| 5 | PRIYANKAMONI SAIKIA | CHEMICAL SCIENCES |
| 6 | SHIVANEE BORPATRA GOHAIN | CHEMICAL SCIENCES |
| 7 | RINKUMONI CHALIHA | CHEMICAL SCIENCES |
| 8 | SUDHAMOYEE KATAKY | CHEMICAL SCIENCES |
| 9 | RAJDEEP DEY | CHEMICAL SCIENCES |
| 10 | KALYAN JYOTI KALITA | CHEMICAL SCIENCES |
| 11 | BHASKAR JYOTI BHATTACHARYA | CHEMICAL SCIENCES |
| 12 | KANGKAN TALUKDER | CHEMICAL SCIENCES |
| 13 | BHARGAB DAS | CHEMICAL SCIENCES |
| 14 | DR.BIREN GOHAIN | CHEMICAL SCIENCES |
| 15 | ANKUR | CIVIL ENGINEERING |
| 16 | DR.L.BORAL | OFFICE OF THE CONTROLLER OF EXAMINATION |
| 17 | SEKETOULIE KERETUV | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 18 | HIMANT BASUMATARY | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 19 | SANJIV KR.SAHARIA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 20 | CHANDRAJOY SARKAR | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 21 | KARANDIP SINGH | ELECTRONICS AND COMMUNICATION ENGINEERING |

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| 22 | JULAKI KAKOTI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 23 | SWASWATI GOSWAMI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 24 | SUNIL KUMAR | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 25 | TARUNAV DUTTA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 26 | BINYAK DUTTA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 27 | YUMNAM NIRMAL | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 28 | SHAFIUL ALOM AHMED | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 29 | MADHURJYA SUTRENDRA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 30 | KANMYABAN HAZARIKA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 31 | ABHISHEK PATRI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 32 | BHUPALI KASHYAP | CULTURAL STUDIES |
| 33 | PROF. PRADEEP JYOTI MAHANTA | CULTURAL STUDIES |
| 34 | KOUSTABH GOSWAMI | CULTURAL STUDIES |
| 35 | DR.GUARANGI MOITRA | DBT NODAL CELL |
| 36 | SIDDHARTHA DEHINGIA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 37 | LACHIT DUTTA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 38 | PLABITA GOGI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 39 | HARUM-AL RASHID MD. | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 40 | PARTHA PATIM BORAH | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 41 | SUSHANT KUMAR | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 42 | SOURAV BHOWMICK | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 43 | BIJAY MAINALI | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 44 | RATUL KUMAR BORUAH | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 45 | PALASH PHUKAN | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 46 | ANGSHUMAN SHARMA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 47 | MUNISH MANAS | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 48 | RAJ KUMAR SARMA | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 49 | REWREWA NARZARY | ELECTRONICS AND COMMUNICATION ENGINEERING |
| 50 | NILOTPAL DAS | ENVIRONMENTAL SCIENCE |
| 51 | DR.HITESH SARMA | EDUCATION |
| 52 | Y.SULTANA | EDUCATION |

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| 53 | NAVANEETA | ENGLISH AND FOREIGN LANGUAGES |
| 54 | P.K. CHAUDHARY | ENERGY |
| 55 | DR.PANKAJ KALITA | ENERGY |
| 56 | BIBHA BORO | ENERGY |
| 57 | BISWAJIT GOGOI | ENERGY |
| 58 | DR.B.R.KAKATI | ENERGY |
| 59 | NITIN KUMAR | COMPUTER SCIENCE AND ENGINEERING |
| 60 | DR. SUDIP MITRA | ENVIRONMENTAL SCIENCE |
| 61 | ASHIM DEY | FOOD ENGINEERING AND TECHNOLOGY |
| 62 | ANUPAMA BORAH | FOOD ENGINEERING AND TECHNOLOGY |
| 63 | JASMIN ARE BBEGUM | FOOD ENGINEERING AND TECHNOLOGY |
| 64 | SRIDHAR | FOOD ENGINEERING AND TECHNOLOGY |
| 65 | MANDANA ROY | FOOD ENGINEERING AND TECHNOLOGY |
| 66 | PALLAB KUMAR BORAH | FOOD ENGINEERING AND TECHNOLOGY |
| 67 | VEGONIA MARBAH | FOOD ENGINEERING AND TECHNOLOGY |
| 68 | DR. RAJ KUMAR DUARY | FOOD ENGINEERING AND TECHNOLOGY |
| 69 | PROF.S.C.DEKA | FOOD ENGINEERING AND TECHNOLOGY |
| 70 | VIVEK.K | FOOD ENGINEERING AND TECHNOLOGY |
| 71 | DR. POONAM MISHRA | FOOD ENGINEERING AND TECHNOLOGY |
| 72 | RITU DUTTA | MATHEMATICAL SCIENCES |
| 73 | DR.NIRANJAN DAS | MBA |
| 74 | PANKAJ KUMAR | MBA |
| 75 | BIDYUT JYOTI KALITA | MBA |
| 76 | DEEP GURAG | MBA |
| 77 | SANDEEP KUMAR SINGH | MBA |
| 78 | RUPAK DAS | MBA |
| 79 | KALYANI KALITA | MBA |
| 80 | RUMIYA BEGUM | MBA |
| 81 | AIENTA | MBA |
| 82 | CHIKHOROLE THINGO | MBA |
| 83 | DR.A.K MUKHARJEE | MBBT |
| 84 | ANOWAR HUSSAIN | MBBT |
| 85 | SUJAY PAL | MBBT |
| 86 | DR.R.MUKHAPATHYAY | MBBT |
| 87 | DR. A. N. JHA | MBBT |

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| 88 | GAUTAM CH.SARKAR | MBBT |
| 89 | NARENDRA KUMAR | MBBT |
| 90 | ANJUM DIHINGIA | MBBT |
| 91 | VIVEEYAN SAIKIA | MBBT |
| 92 | MINHAG AHMED | MBBT |
| 93 | RUPAMONI THAKUR | MBBT |
| 94 | DR. TAPAS MADHI | MBBT |
| 95 | DR.ANAND RAMTEKE | MBBT |
| 96 | DEBANANDR GOGOI | MBBT |
| 97 | MONOJ KR.DAS | MBBT |
| 98 | BANDANA BORAH | MBBT |
| 99 | PITAMBAR BAISHYA | MBBT |
| 100 | MARY DUTTA | MBBT |
| 101 | SAURAV PHUKAN | MBBT |
| 102 | ANUPAMA CHETRY | MBBT |
| 103 | AKASH DEEP BISWAS | MBBT |
| 104 | ANKITA DEB | MBBT |
| 105 | POOJA BORAH | MBBT |
| 106 | KARABI SAIKIA | MBBT |
| 107 | BRONSON BORAH | MASS COMMUNICATION AND JOURNALISM |
| 108 | PURABI DAS | MASS COMMUNICATION AND JOURNALISM |
| 109 | DEBAJIT SAHA | MASS COMMUNICATION AND JOURNALISM |
| 110 | AINDRILA MAZUNDER | MASS COMMUNICATION AND JOURNALISM |
| 111 | SHWETAH SINGH | MECHANICAL ENGINEERING |
| 112 | KRISHNA JAISWAL | MECHANICAL ENGINEERING |
| 113 | VIKASH KUMAR | MECHANICAL ENGINEERING |
| 114 | TARUN KUMAR | MECHANICAL ENGINEERING |
| 115 | NISHANT | MECHANICAL ENGINEERING |
| 116 | DIMBALITA DEKA | MECHANICAL ENGINEERING |
| 117 | NETRAMONI BARUAH | MECHANICAL ENGINEERING |
| 118 | VIJOY KUMAR | MECHANICAL ENGINEERING |
| 119 | PARTHAP DUTTA | MECHANICAL ENGINEERING |
| 120 | AJOY CHETRY | MECHANICAL ENGINEERING |
| 121 | ABHISHEK ANAND THAKUR | MECHANICAL ENGINEERING |
| 122 | GURVAM DINESH | MECHANICAL ENGINEERING |

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| 123 | MADHURJYA DUTTA | MECHANICAL ENGINEERING |
| 124 | ARUN KR.SHUKLA | MECHANICAL ENGINEERING |
| 125 | ASHUTOSH DAS | MECHANICAL ENGINEERING |
| 126 | KALLOOL BIJIT BORAGOHAIN | PHYSICS |
| 127 | MEGHALI GOGOI | PHYSICS |
| 128 | SANDIP GOSH | PHYSICS |
| 129 | NABIN SARMAH | PHYSICS |
| 130 | RAJESH SAIKIA | PHYSICS |
| 131 | BABLY KHATUM | PHYSICS |
| 132 | HOMAN LAHON | PHYSICS |
| 133 | KASTURI SARMAH | PHYSICS |
| 134 | JOBBOR BASUMATARY | PHYSICS |
| 135 | RAJIV BORAH | PHYSICS |
| 136 | DR.PRALAY KUMAR KARMAKAR | PHYSICS |
| 137 | SIUNIT M.HAZARIKA | PHYSICS |
| 138 | RAHUL KR.CHOUDHRY | PHYSICS |
| 139 | PROF. ASHOK KUMAR | PHYSICS |
| 140 | PROF. SUNIL KUMAR DUTTA | SOCIAL WORK |
| 141 | MADHURJYA BARUAH | TRAINING AND PLACEMENT CELL |
| 142 | ANINDITA KAKOTY | PHYSICS |





ONE DAY WORKSHOP CUM TRAINING ON

PATENT SEARCH AND ANALYSIS

November 21, 2015

Organised by

TEZPUR UNIVERSITY IPR CELL

in collaboration with

TIFAC, DST, NEW DELHI

The Report

The innovation value chain is an integration of processes that transforms ideas into realities, of which a few find their way into the market place for commercialisation. One of the initial steps in this process is to identify a relevant problem, contextualise it, map it into the existing knowledge domain and then exploit the known space to venture into the pursuit of plausible new and non-obvious solutions to the identified problem.



Academics generally search the standard literature sources such as journals, books, conference proceedings, and diverse e-sources and their like, to prepare a literature review prior to embarking on their research trajectory. Patent literature is seldom referred to by the academic researchers. It has been established that a significant portion of knowledge, especially the portion that is of potential utility value find their way only into patent literature and do not get documented in other place. The implication of this is that most academicians are therefore basing their research only on 30 to 40 % of the global knowledge base.

Such approaches to research often lead to “reinventing the wheel” and/or arriving at solutions that



are already protected by patents and/or design registrations. Such solutions are not only of very low scientific and technical significance but also lack substantive value, thereby find no takers in the industrial sector.

Keeping this in view, Intellectual Property rights Cell of Tezpur university planned to hold patent database search training programmes time to time for the faculty, researchers and students of the University with a view to create base-level competence to conduct patent searches and enhance the possibility of patentable output and improve the prospects of commercialisation of the output of researchers from Tezpur University.

This aim of TUIPR Cell was first concretised in 6 September, 2014, when a patent search workshop cum training was organised in Tezpur University premise.

This workshop on November 21, 2015 is the second attempt in this direction and a follow up of the first patent search workshop held in. The workshop, with hands on training will familiarise and train the researchers to search patent databases and also to initiate patent analysis so that the

researchers can develop a base-level competence to conduct patent searches and enhance the possibility of patentable output and improve the prospects of commercialisation of the output of researchers from Tezpur University.

The Coordinator, TUIPR Cell Dr. P. Deb welcomed the participants and introduced the theme of the workshop. In his introductory remarks, he explained how TUIPR Cell has been facilitating various departments in the university in the process of IPR filings and prosecution. He however indicated that patent search before filing for patent should be considered as mandatory by the

inventors for the best output. He viewed that without that practice, at many times patent applications suffer from a proper analysis of prior art. He also highlighted that in certain fields more than 60 % of the knowledge base is disclosed in patents and they do not find their way into academic publications. Therefore if the researchers do not refer to patent literature while conducting their research, they would not be able to access what is already known and in some cases already protected by patents. This could lead to a situation of researchers unknowingly conducting research on the obvious. Thus, he emphasized the need of patent literature search as a part of regular practice.

In the inaugural address Registrar, Tezpur University, Dr Biren Das elaborated on the significance of patents in today's research activities in general and in particular to Tezpur University and how it helps in technology development and transfer. In this context he stressed on the significance of this workshop and urged all researchers to take full advantage of the hands-on training provided by experts in this workshop so that the researchers can make it a habit to conduct patent searches routinely as part of their research activities.



Prof. Prabuddha Ganguli, MHRD IPR Chair Professor in Tezpur University reiterated the importance of IPR in academic institutions. He also appealed to the researchers to start using patent information to enhance the quality of their research work and also avoid '*reinventing the wheel*'. He emphasized on how patent search and analysis create technological landscape to be highly helpful for a truly fruitful research leading to patentable invention



In his session Shri. Yaswant Dev Panwar, TIFAC involved an elaborate discussion on patent searching, practical approach to exercising databases and patent information. He illustrated on how patent literature covers a wide range of technical writings which, otherwise, are not easily available in sources other than the patent databases. He also elaborated on how a range of features related to technical aspects of an invention get protected by a portfolio of patents and how it becomes



essential to search the entire family of patents to derive appropriate information in a specific problem field. He then went on to explain the importance of the selection of key words, use of synonyms in the selection of key words, using appropriate Boolean Operators and creating a syntax of the selected key words to search patent databases. He also introduced the participants to various "free databases". The most important aspect of the workshop was the

hands-on training given by the invited resources person on various free and paid databases of patent. Following the search of the resource person, the participants did simultaneous search on their laptops. Special technical arrangements were made by the organisers to meet the requirement of the participants for hazard free online search in the council hall. The workshop exposed the researchers to various free databases such as the USPTO, EPO, SIPO (Chinese), Indian Patent Office, WIPO (for PCT Publications). All the features that were introduced in theoretical were substantiated by the practical searches done in this hand on training. The participants also experienced how patents in another language may be translated into English in the SIPO database. Selection of key words, preparing appropriate syntax of the key words and strategizing searches were also done. One important aspect was the family searches, in which they learnt how a patent in any non-English language could be identified





by searching in the same family which was filed in an English speaking country so that they got direct access to the patent specification in English. Participants invested a good period of time patents search using key words, patent numbers, application numbers, inventors, assignees, and also combined them with patent classifications, etc.

The workshop concluded with vote of thanks by the organisers. A huge number

of requests came from the participants to continue this kind of workshop as a regular practice in the University. Accordingly, the Cell plans to expose the researchers to more numbers of patent databases and up to date patent system in upcoming workshops.





**WORKSHOP ON
PATENT SEARCH AND ANALYSIS**

Organised by
TEZPUR UNIVERSITY IPR CELL
in collaboration with
TIFAC, DST, NEW DELHI

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About the Workshop

The innovation value chain is an integration of processes that transforms ideas into realities, of which a few find their way into the market place for commercialisation. One of the initial steps in this process is to identify a relevant problem, contextualise it, map it into the existing knowledge domain and then exploit the known space to venture into the pursuit of plausible new and non-obvious solutions to the identified problem.

Academicians generally search the standard literature sources such as journals, books, conference proceedings, and diverse e-sources and their like, to prepare a literature review prior to embarking on their research trajectory. Patent literature is seldom referred to by the academic researchers. It has been established that a significant portion of knowledge, especially the portion that is of potential utility value find their way only into patent literature and do not get documented in other place. The implication of this is that most academicians are therefore basing their research only on 30 to 40 % of the global knowledge base.

Such approaches to research often lead to “reinventing the wheel” and/or arriving at solutions that are already protected by patents and/or design registrations. Such solutions are not only of very low scientific and technical significance but also lack substantive value, thereby find no takers in the industrial sector.



*This workshop on **November 21, 2015** is the second attempt in this direction and a follow up of the first one held in 6 September, 2014. we urge all researchers in the Tezpur University Campus to register for this workshop to take full advantage of the practical sessions that have specially been designed for them. This will ensure better quality of research in Tezpur University, enhance the possibility of patentable output and improve the prospects of commercialisation of the output of researchers from Tezpur University.*

The TUIPR Cell with the help of the MHRD IPR Chair, Tezpur University, has therefore designed a patent search and analysis workshop for researchers to familiarise and train the researchers on search of patent databases and also to initiate patent analysis so that the researchers can develop a base-level competence to conduct patent searches, analyse the patents for their technical content, prepare technical landscapes and design meaningful research proposals and approaches to their research prior to embarking on their research pathway.

Registration fee:

No registration fee is required for the workshop.

Participation:

Seats are limited as participants will be given hands-on training in patent search. Registration request prior to 06.08.2014 must reach (either by email or in person) in the following address or email ids.

suchitu@tezu.ernet.in/juriipr@tezu.ernet.in

Intercom: 3052/3050 (office)

TUIPR Cell , Tezpur University



PATENT SEARCH AND ANALYSIS

...AN INITIATIVE OF THE TEZPUR UNIVERSITY IPR CELL

For Researchers in Tezpur University

Organised by

TEZPUR UNIVERSITY IPR CELL

in collaboration with

TIFAC, DST, NEW DELHI

6 September, 2014

Physics

Venue: Conference Hall, Dept of

Time: 9.30 onwards

| Time | Programme |
|---------------------------|--|
| 9.30 am -- 10.00 am | Registration/ Tea |
| Inaugural Session | |
| 10.00 am --10.05 am | Welcome Address & Introducing the Theme ...Dr. P. Deb, Coordinator, TUIPR Cell |
| 10.05 am -- 10.15 am | Inaugural Address Prof. A. Kumar, Dean, Science and Technology, Tezpur University |
| 10.15 am --10.20 am | Introduction of the resource person and Felicitation |
| 10.20 am – 10.25 am | Vote of Thanks ...Dr. S. Goswami, TUIPR Cell |
| 10.25 am – 10.30 am | Briefing about Technical Sessions |
| Technical Sessions | |
| 10.30 am – 11.30 pm | Introduction to Patent Search and Landscaping Prof. P. Ganguli, MHRD IPR Chair, Tezpur University |
| 11.30 pm – 1.30 pm | Patent Searching-----Practical Approach to exercising databases and Patent Information Shri. Yaswant Dev Panwar, Director, TIFAC |
| 1.30 pm- 2.30pm | Lunch |
| 2.30 pm – 5.00 pm | Practical on Patent Searching and Analysing Patents (Researchers are expected to come with their problems for practicing patent search) Prof. P. Ganguli and Shri Yaswant Dev Panwar |
| 5.00 pm – 5.30 pm | Way Forward..... |

List of Participants

| SL. N | Prof/DR/Mr/Ms | Dept | Faculty/R.S/Student | Email ID |
|-------|------------------------|--------------|---------------------|--|
| 1 | MR.IFTAK HUSSAIN | PHY | R.S | iftak@tezu.ernet.in |
| 2 | MS.PLABITA GOGOI | ECE | R.S | plabita.gogoi6@gmail.com |
| 3 | MS.MONISHA DEVI | CSE | R.S | mnshdevi@gmail.com |
| 4 | MS.DIMBALITA DEKA | ENG | R.S | dimbalitadeka@gmail.com |
| 5 | MR.SARFRAZ HUSSAIN | ECE | R.S | sarfrazenator@gmail.com |
| 6 | MR.ANJAN JYOTI SHARMA | ECT | M.Sc | anjanrocks.sharma@gmail.com |
| 7 | MR.MANASH JYOTI BORAH | ECT | M.Sc | mjborah.31@gmail.com |
| 8 | MS.MAMON DEY | CH. SC | ph.d | mamon@tezu.ernet.in |
| 9 | MS. SUCHIBRATA BORAH | CH. SC | ph.d | suchi19@tezu.ernet.in |
| 10 | PRASHURYA PRITAM MUDOI | CH. SC | ph.d | prashurya@gmail.com |
| 11 | DR. NAYANMONI GOGOI | CH. SC | faculty | ngogoi@tezu.ernet.in |
| 15 | TAUFIKUL ISLAM | MBBT | R.S | taufiq@tezu.ernet.in |
| 16 | RAJ KIRAN DOLEY | MCJ | R.S | rajkiran@tezu.ernet.in |
| 17 | ANKUR KUMAR | MCJ | R.S | ankursavarn10@gmail.com |
| 18 | TABLI GHOSH | | Mtech | tablighosh30@gmail.com |
| 19 | PALLAB KUMAR BORAH | FET | R.S | pallab_kumar_borah@hotmail.com |
| 20 | CHINMAYEE HAZARIKA | ECE | R.S | chin04@tezu.ernet.in |
| 21 | SHAH FAISAL | FET | R.S | faisal@tezu.ernet.in |
| 22 | MUKUL SAXENA | ME | M.tech | mukul_mtm14@agnee.tezu.ernet.in |
| 23 | PIJUSH CHANDRA DAS | S.TECHNOLOGY | Astt Prof | prijush@gmail.com |
| 24 | DR.MONAWWER EQBAL | LIBRARY | Deputy Librarian | meqbal@tezu.ernet.in |
| 25 | ABHISHEK GAURAV | FPL | R.S | milkhasingh.13@gmail.com |
| 26 | KANDARPA SAMUA | FET | R.S | |

| | | | | |
|----|-----------------------------|--------------|-----------|--------------------------------------|
| 27 | NIKHIL GOGOI | FET | R.S | |
| 28 | MRITYUNJOY BORA | FET | R.S | |
| 29 | RAJESH KALARIVAYIL | SOCIAL. W | Astt Prof | rajeshk@tezu.ernet.in |
| 30 | HELAL UDDIN MULLAH | ECE | R.S | mullahz251@gmail.com |
| 31 | ANINDITA DUTTA | MBBT | R.S | aninloni@gmail.com |
| 32 | SUMITA DUTTA | MBBT | R.S | sumita@tezu.ernet.in |
| 33 | BANDANA BORA | MBBT | R.S | bandanab@tezu.ernet.in |
| 34 | ABHISHEK CHANDA | MBBT | R.S | achanda@tezu.ernet.in |
| 35 | MISS BARSHA RITU GOSWAMI | CH. SC | R.S | barsha@tezu.ernet.in |
| 36 | SALAM PRADEEP SINGH | MBBT | R.S | salampradeep@gmail.com |
| 37 | BABLY KHATUN | | R.S | bably12march@gmail.com |
| 38 | PRAKASH CHAUHAN | CSE | R.S | chauhan.prakash596@gmail.com |
| 39 | ALAK ROY | CSE | R.S | alakroy1@gmail.com |
| 40 | CHIRANJEEV DAS | MBBT | | chiranjeev_bbi14@agnee.tezu.ernet.in |
| 41 | PABITRA BHAGOWATI | MBBT | R.S | pabb195@tezu.ernet.in |
| 42 | BHARGAB KALITA | MBBT | R.S | bhrijbk@tezu.ernet.in |
| 43 | MADHUMITA DEY | MBBT | R.S | mdsweet@tezu.ernet.in |
| 44 | RITUPARNA DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 45 | RAJKALYAN CHUTIA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 46 | POOJA RANI KURI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 47 | RAVI KUMAR SAHU | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 48 | MITALI BARUAH | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 49 | BIPLAB SINGHA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 50 | BONANI DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 51 | TANMOY DEBNATH | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 52 | CHANDANA MALAKAR | MBBT | M.Sc | biswa.bhim441@gmail.com |

| | | | | |
|----|--------------------------|------|------|-------------------------|
| 53 | PUBALI GOGOI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 54 | SALIQUE HASSAN SHAHAM | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 55 | PARTHA PAUL | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 56 | RAHUL DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 57 | ABDUL GANI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 58 | SUMEET JHARIYA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 59 | KHEM SINGH | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 60 | RADHIKA SINGH | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 61 | BHIM BAHADUR BISWA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 62 | RAHUL PEGU | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 63 | UTPAL DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 64 | ISHANI GOSWAMI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 65 | NAMRATA BORTHAKUR | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 66 | ASHIK KHAN | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 67 | ANKURAN BURAGOHAIN | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 68 | MANABI PAW | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 69 | JOYATI DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 70 | BARSHA BHARADWAZ | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 71 | BAISHALI SHARMA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 72 | DIPANKAR CHETRI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 73 | MAYASHREE DAS | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 74 | NIRMALI SARMA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 75 | ANUPAM GOSWAMI | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 76 | ANINDITA GOHAIN BARUA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 77 | BHANUPRIYA PEGU | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 78 | RAJA NATH | MBBT | M.Sc | biswa.bhim441@gmail.com |

| | | | | |
|-----|---------------------------|---------|-------------|------------------------------------|
| 79 | RASHMI REKHA RABHA | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 80 | MANISHA POUDYAL | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 81 | SUSHMITA BANIK | MBBT | M.Sc | biswa.bhim441@gmail.com |
| 82 | BARNALI BARMAN | CSE | R.S | barnali.gu@gmail.com |
| 83 | DR. ANUSHABDA | Hindi | Astt Prof | anush@tezu.ernet.in |
| 84 | DHRUBA JYOTI GOGOI | PHY | R.S | dhruba4@tezu.ernet.in |
| 85 | PRAGYAN JYOTI GOGOI | PHY | R.S | pragyan@tezu.ernet.in |
| 86 | ROCKTOTPAL BARUAH | PHY | R.S | rocktotpal@tezu.ernet.in |
| 87 | ARUNAV PHUKAN | PHY | R.S | arunavp@tezu.ernet.in |
| 88 | DIPANGKAR BORAH | PHY | R.S | dipnkar@tezu.ernet.in |
| 89 | DR. BALA LAKHENDRA | MCJ | Astt Prof | lakhendra@tezu.ernet.in |
| 90 | NUMAN SIDDIQUE MAZUMDER | ME | M.Tech | numan_mtm14@agnee.tezu.ernet.in |
| 91 | ASHUTOSH DAS | ME | M.Tech, | ashutosh_mtm14@agnee.tezu.ernet.in |
| 92 | APARUP PATRA | MBBT | JRF | aparup@tezu.ernet.in |
| 93 | RITU RAJ BURAGOHAIN | Civil E | Faculty | rbgn@tezu.ernet.in |
| 94 | KHALID MEHMOOD WANI | FET | M.TECH | wanikhalid007@gmail.com |
| 95 | MR. MONOJ KUMAR MUCHAHARI | CSE | R.S | monoj@tezu.ernet.in |
| 96 | POOJA SHARMA | CSE | R.S | ppooja@tezu.ernet.in |
| 97 | SHAFIUL ALOM AHMED | CSE | R.S | shafiul@tezu.ernet.in |
| 98 | DIWAKAR KANT | MCA | R.S | diwakar_csm13@agnee.tezu.ernet.in |
| 99 | SANGITA SAIKIA | FET | R.S | sang.saikia@gmail.com> |
| 100 | SWASTIKA GAYAN | MBA | P.G Student | gayan.swastika@gmail.com |
| 101 | PINKY PATHAK | MBA | P.G Student | gayan.swastika@gmail.com |
| 102 | SHIBANI DEORI | MBA | P.G Student | gayan.swastika@gmail.com |
| 103 | DEBOLINA DAS | MBA | P.G Student | gayan.swastika@gmail.com |
| 104 | TRISHNA BAISHYA | MBA | P.G Student | gayan.swastika@gmail.com |
| 105 | RAHUL GOGOI | MBA | P.G Student | gayan.swastika@gmail.com |
| 106 | ZOHEB RIZBI AHMED | MBA | P.G Student | gayan.swastika@gmail.com |
| 107 | BHRIGU RANJAN BARTHAHAKUR | MBA | P.G Student | gayan.swastika@gmail.com |

| | | | | |
|-----|-----------------------|----------|------------------|------------------------------------|
| | | | | |
| 108 | MAHARSHI BHARADWAJ | MBA | P.G Student | gayan.swastika@gmail.com |
| 109 | MUNMI DEKA | MBA | P.G Student | gayan.swastika@gmail.com |
| 110 | PARTHA SARATHI BORA | MBA | P.G Student | gayan.swastika@gmail.com |
| 111 | BHASKAR JYOTI BHUYAN | MBA | P.G Student | gayan.swastika@gmail.com |
| 112 | NAGMA KHAN | MBA | P.G Student | gayan.swastika@gmail.com |
| 113 | SRISTI BORAH | MBA | P.G Student | gayan.swastika@gmail.com |
| 114 | SWARUP MAZUMDAR | MBA | P.G Student | gayan.swastika@gmail.com |
| 115 | JUHI MONI SAIKIA | MBA | P.G Student | gayan.swastika@gmail.com |
| 116 | ASHISH SHANKAR DAS | MBA | P.G Student | gayan.swastika@gmail.com |
| 117 | RAHUL BARO | MBA | P.G Student | gayan.swastika@gmail.com |
| 118 | ARUP JYOTI CHUTIA | ME | B.TECH | aruprhino@gmail.com |
| 119 | SAGARIKA BORAH | CSE | | sgrk1017@rediffmail.com |
| 120 | NAZRUL HOQUE | CSE | R.S | tonazrul@gmail.com |
| 121 | ANINDITA BORAH | CSE | R.S | anindita01.borah@gmail.com |
| 122 | BHUPALI KASHYAP | C.S | Cultural Officer | bhupali@tezu.ernet.in |
| 123 | SANJIB K PAUL | | R.S | sankumarpaul@gmail.com |
| 124 | DIMPI PAUL | Physics | R.S | dimpi@tezu.ernet.in |
| 125 | MR. SIBASISH DUTTA | | | siba@tezu.ernet.in |
| 126 | NABADWEEP CHAMUAH | Physics | R.S | nabadweep@tezu.ernet.in |
| 127 | KUMARI TRINAVEE | | M.Tech | trinavee_mtm14@agnee.tezu.ernet.in |
| 128 | HAPPY BORGOHAIN | Physics | R.S | haps.tezu@gmail.com |
| 129 | MRIGYANKA CHAKRAVARTY | MBBT | R.S | mrigyanka.chakravarty@gmail.com |
| 130 | DR. BHOGESWAR BORAH | C.SCINCE | Associate prof, | bgb@tezu.ernet.in |
| 131 | KOYEL MANDAL | CSE | R.S | koyel@tezu.ernet.in |
| 132 | NAZREENA RAHMAN | CSE | R.S | naz1912@tezu.ernet.in |
| 133 | ANUCHAYA DEVI | Energy | R.S | mechaya@tezu.ernet.in |
| 134 | VELENTINA DAS | Energy | R.S | velensd@tezu.ernet.in |
| 135 | KAKOLI BHATTACHARYA | PHYSICS | R.S | kakoli9@tezu.ernet.in |
| 136 | KASHMIRI DEKA | PHYSICS | R.S | kashmiri@tezu.ernet.in |
| 137 | Dr. Vijay Kumar Das | Che. Sci | R.S | vz.das03@gmail.com |
| 138 | Sarmistha paul | Evs | Student | paulsarmistha7@gmail.com |

| | | | | |
|-----|-----------------------|--------------|------------|---------------------------------|
| 139 | Syeda Tabassum tasfic | evs | Student | syeda tabassumt@yahoo.com |
| 140 | Barnali Chowdhary | ME | Asst. Prof | baranali@tezu.ernet.in |
| 141 | paragjyoti chutia | phy | R.S | pjc2011@tezu.ernet.in |
| 142 | jagat dwipendra ray | Phy | R.S | jagatp@tezu.ernet.in |
| 143 | jayanta hazarika | phy | R.S | jayantah@tezu.ernet.in |
| 144 | madhabi devi | phy | R.S | madhabi@tezu.ernet.in |
| 145 | Dhrubajyoti Gogoi | Biotech, DU | R.S | dhurba.bio@gmail.com |
| 146 | AMLAN PUZARI | CHEMISTRY,DU | R.S | amlanjyotipuzari@gmail.com |
| 147 | KHIRASINDHU SAIKIA | CJS ,DU | Student | khirasindhusaikia@gmail.com |
| 148 | Ms.Shambhavi Jha | MBBT | M.Sc | jhashambhavi12@gmail.com |
| 149 | SONAM KUMAR | MATH | M.Sc | sonam_msm14@agnee.tezu.ernet.in |
| 150 | RITURAJ DUTTA | PHY | R.S | riturajdutta2009@gmail.com |
| 151 | PRATIVA GHOSH | MCJ | M.A | prativaghosh391@gmail.com |
| 152 | BINDITA SINGHA | MCJ | M.A | singh.bindita@gmail.com |



One Day Regional Workshop
on
*Facilitation of Innovation and
Commercialisation by
Intellectual Property Rights*



Organised By
Tezpur University Intellectual Property Rights (TUIPR) Cell

In collaboration with
North Eastern Hill University
Tura

The Report

The process of creation and transmission of knowledge in the form of various intellectual properties is enormous and continuous in academia. There is a free flow of the exchange of ideas between the creators and the users. The concept of the fair use of others' intellectual property is of foremost importance for unhampered transmission filled with ethics. The aim of this workshop is to build greater awareness and develop insights into the complex mechanism of creation, ownership and protection of Intellectual Property. Development of our society through multi pronged strategy of safe e-infrastructure, secured cyber space and powerful Knowledge network through the prevention of unauthorized access of stakeholders rights are prime focus of the workshop.

Keeping this in view, a one day outreach programme entitled **Facilitation of Innovation and Commercialisation by Intellectual Property Rights** was held Tura Campus of North Eastern Hill University (NEHU) on 29th February, 2016. Eighty eight (88) participants from various departments attended the workshop.



The Hon'ble Vice Chancellor Prof S.K. Srivastava expressed high satisfaction at the initiative taken by IPR Cell, Tezpur University in collaboration with NEHU. He also praised the Department of English, Tura for their endeavour in promoting IP knowledge in the institution. In his speech he sincerely emphasised on the need of intellectual property knowledge in any academics for promotion and

dissemination of the IPs created by the faculty and researchers. He opined that without adequate knowledge of patent literature many of the prolific inventions fail to get patent protection. Same in the case of other human creations that take place constantly in academic atmosphere. He expressed his willingness to constitute an IPR Cell in his institution too and promised to initiate the process at the earliest.

Pro Vice Chancellor, Prof G. Singaiah expressed his sincere gratitude to IPR Cell members for such an endeavour. He firmly believed that in future more such collaboration will take place between these two premier institutions of North East India.

Welcoming the guests Dr Sujata Gurudev, Professor, department of English, Tura Campus emphasized how the knowledge of this new but essential domain of



modern times would truly benefit the students and upcoming researchers, designers and other creators to be aware of the protection of their innovations along with the rights conferred by the law.

Vote of thanks was offered by Dr Namrata Pathak, Faculty, Dept of English, Tura. She expressed her special gratitude to IPR Cell, Tezpur University, NEHU administration and MHRD for such initiatives taken. She also looked forward to further such sensitization programme on IPR by Tezpur University.



The first presentation in technical session was conducted by Prof P Ganguli, MHRD IPR Chair Professor at Tezpur University. In his presentation **Intellectual Property Rights.....How does it link with Innovation and Research** he gave an overview of Intellectual Property Rights emphasising all aspects of IPRs. He explained how various tools of IPR such as patents, trademarks,

design registrations and GI can be intelligently used to protect inventions and innovations of the human mind. He presented real cases as examples to elaborate each of the tools. His deliberation emphasised on patent and its importance in academics, specially in scientific research. He also spoke on the need of proper patent literature search before going for any research. At the instance of research leading to patentable invention, such prior art search becomes very fruitful and essential.

The Second presentation was delivered by Dr Suchibrata Goswami, IPR Cell, Tezpur University. She spoke to the participants about the importance of the knowledge of Copyright in academics. Her presentation entitled **Copyright.....An Important Tool for Academics** contained information about the concept of copyright, subject matters of copyright and their protection period. She gave special emphasis on the use of others copyright materials during teaching and learning in academics. While saying so, she went on to tell about the special exemptions provided by law for academics and research in this regard. The concept of Fair Use of copyright, the most essential element of use of copyright materials was elaborately discussed with cases studies. A major issue discussed was digital copyright.



Post lunch session began with the deliberation of Dr Juri Borbora Saikia. In her presentation entitled **Geographical Indications...Valuable Instrument for Socio-Economic Growth**, she elaborated on the

concept of GI and illustrated the environment in specific geographical regions affect the properties and characteristics of various products. She also elaborated on the provisions of the GI Act in India on how the “names” of products produced in certain regions, that have gained reputation over time are protected by GI and how these “protected names” add value in business terms. In her presentation she made special emphasis on the agricultural products that have got GI certificate in the year 2015 from the North Eastern states. Taking Muga Silk of Assam as example, she gave the participants some idea about the filing procedure of GI and the importance of the GI logo and authorized user’s certificate for better commercial benefit.

Post lunch session had a **Plant Variety protection Rights** deliberated by special session was the participants coming horticulture and presentation, Prof



special deliberation on **and Intellectual Property** Prof P. Ganguli. This moduled keeping in view from departments like agriculture. In this Ganguli emphasized on in the PPVFR Act. How

and what can be called new plant variety, how farmers are given autonomy to many extent in producing and maintaining their crop varieties etc are discussed in details in this session. In this regards he also discussed the exemptions mentioned in the Act in relation to the use of protected varieties for the purpose of education and research in academic institutions and such kind.



Dr. P Deb, Coordinator, TUIPR Cell presented before the participants the activities of IPR Cell since its inception. His presentation **Creating an IPR Roadmap for the university.....the way ahead** dealt with the awareness activities taken up by the Cell in Assam and its nearby states. He also emphasised on the process of setting up of IPR Cell in institutional level. He deliberated

on the process of patent and copyright filing from IPR Cell. His presentation gave special emphasis on the different IPR courses implemented in undergraduate, postgraduate and PhD level in Tezpur University and stressed on the importance of such courses in academic.



PROGRAMME SCHEDULE

| Day 1 | |
|----------------------------|--|
| 10.00 AM — 10.30 AM | REGISTARION & TEA |
| 10.30 AM — 11.00 AM | INAUGURATION |
| 11.00 AM —11.45 AM | Intellectual Property Rights.....How does it link with Innovation and Research.....Prof P Ganguli, MHRD IPR Chair Professor. |
| 11.45 AM—12.30 PM | Copyright an important tool for academics..... S. Goswami, Research Officer, TUIPR Cell |
| 12.30 PM—1.15 PM | Geographical Indications...Valuable Instrument for Socio-Economic Growth.....J.B. Saikia, Research Officer, TUIPR Cell |
| 1.15 PM —2.00 PM | LUNCH |
| 2.00 PM—2.45 PM | Preparing for Patents and Design Registration.....From Research Proposals to Markets..... Prof P Ganguli |
| 2.45 PM—3.45 PM | How to do patents search Prof P Ganguli |
| 3.45 PM — 4.15 PM | Creating an IPR Roadmap for the university.....the way ahead Prof. P Deb, Coordinator, TUIPR Cell |
| 4.15 PM — 4.30 PM | Valedictory |
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PROFILES OF RESOURCE PERSONS

Prof P Ganguli:

Dr. Prabuddha Ganguli is a renowned scholar in the field of IPR. Actively involved in IPR Capacity Building Programmes, Formulation and implementation of National IPR Policies in several developing and least developed countries, Dr. P. Ganguli is an international consultant to the World Intellectual Property Organization (WIPO), Geneva.

A Ph.D. in Chemistry from the Tata Institute of Fundamental Research, Mumbai, Dr. Ganguli pursued his postdoctoral research in Germany as an Alexander von Humboldt Foundation Fellow and later in Canada as a Research Associate. Dr. Prabuddha Ganguli has over 50 publications in technical fields, over 60 publications in IPR and 5 books in his credit.

He is Honorary Scientific Consultant for Innovation and IPR matters to the Office of the Principal Scientific Adviser, Government of India, a member of the Advisory Board of the International Intellectual Property Institute, Washington and a member of the Advisory Board of the Institute of Intellectual Property Studies, Mumbai. He is a member of the International Editorial Board of the IPR Journal "World Patent Information".

Dr. Ganguli started his consulting firm "VISION-IPR" in 2001. As CEO, he has been offering services in management of Intellectual Property Rights, Information Security and Knowledge Management including designing of innovation processes, strategising technology transfers and conducting IP due diligence for JVs, mergers & acquisitions. In February 2011 he was awarded "The Chemtech Pharma-Bio World Award 2011 for outstanding contribution in the field of Intellectual Property". Dr. P. Ganguli is, at present, a qualified Patent Agent in India. He has been holding the position of Chair Professor in MHRD sponsored IPR Chair at Tezpur University since 2012.

Dr. P. Deb:

Dr. Pritam Deb, Coordinator, Tezpur University IPR Cell, is the Associate Professor in the Department of Physics, Tezpur University (Central University) and Max Planck fellow of Max Planck Institute of Iron Research, Dusseldorf, Germany. A Ph.D. in nanoscience from Jadavpur University and a Golden Jubilee Fellow at Banaras Hindu University, Dr Deb has experience in various premier research laboratories of Europe, USA and other parts. As an academician, Dr Deb was instrumental in developing M.Sc. (Nanoscience and technology) course in Tezpur University, the first of its kind in India recognized and supported by UGC. His overall research contributions exemplify innovativeness and originality in applications of fundamental principles of sciences to solve critical issues in nanotechnology. In his stint in Tezpur University, he has brought several laurels for the University from government funding agencies, which has established Tezpur University as a centre of excellence in the field of nanoscience and nanotechnology.

He has received many noteworthy national and international awards namely – Max Planck Fellowship of Max Planck Society Germany, Young Scientist Research Award of Department of Atomic Energy (DAE) Govt of India, Young Scientist Award of Indian Science Congress Association (ISCA), MMD Gold Medal Award of Institution of Engineers(I), Young Scientist Award of Materials Research Society of India, etc. Dr. Deb has over 40 peer reviewed publications, three books (with McGraw Hill, Springer etc) in his credit. He has three patent applications and two copyright applications pending grant in India.

Mr. Denis Dambois

Mr. Dambois earned a M.Sc. in electromechanical engineering from the Brussels University (ULB) in 1987, and was later hired as a researcher by Philips Industrial Activities, for which he worked both in Belgium and in Germany. In 1991, he joined the patent department of Solvay s.a., a multinational chemical company. During that period, he trained (e.g. at CEIPI, Strasbourg) and qualified as a European Patent Attorney, and also graduated from the Executive Master in Management of the Solvay Business School (CEPAC-ULB).

In the Directorate-General for Research of the European Commission, Mr Dambois was responsible for R&D-related intellectual property and technology transfer issues. In particular, he played a key role in the development of the IPR provisions for the 7th Framework Programme, and in the development of a Recommendation of the Commission on university-industry knowledge transfer.

In 2008, Mr. Dambois moved to the Directorate-General for Trade, and more specifically to the unit responsible for international IPR issues, concerning Canada, India and Morocco (including those linked to the negotiation of bilateral trade agreements with these countries), in addition to horizontal issues such as technology transfer.

Since September 2013, Mr. Dambois has been heading the Research and Innovation Section of the Delegation of the European Union to India (Delhi), where he contributes to the establishment of EU-India collaborative projects, to the implementation of the Indo-European Research and Innovation Partnership, and to the coordination of EU Member States' R&I activities in India.

Dr. Suchibrata Goswami

Dr Suchibrata Goswami obtained her Ph.D degree from Dibrugarh University in English. After teaching in different colleges, she had joined Tezpur University IPR Cell in MHRD IPR Chair in the year 2011. Dr Goswami has many peer reviewed publications and one book in her credit. In IPR, her areas of interest are Copyright, Trademark and IPR in Traditional Knowledge system. Apart from teaching IPR in UG, PG and PhD level, she also assists in applications for copyright. She has experience of organizing a lot of awareness programmes in the field of IPRs within and outside the state of Assam. She has been invited as resource person to many of the institutes in North East India.

Dr Ms. Juri Borbora Saikia

Ms. Juri Borbora Saikia graduated in science and obtained her postgraduate degree from Tezpur University. After working in IIT Guwahati as Senior Research Fellow for two years, she joined the prestigious MHRD Chair on IPR in Tezpur University as Research Officer in 2011. Since then she is actively involved in various IPR related activities that include organizing various in-house and outreach programmes. She is also associated with conducting Interdisciplinary course on IPR for the post graduate students of Tezpur University. She had been working along with the team at IPR Cell that provides technical assistance to the TU fraternity as well as the grassroot innovators in matters related to IPR.

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*Tezpur University (A Central University)
Napaam, Tezpur-784028
Assam, India*

Tel: +91 3712 263050/3051/3052

www.tezu.ernet.in