

Annual Report

2016-17

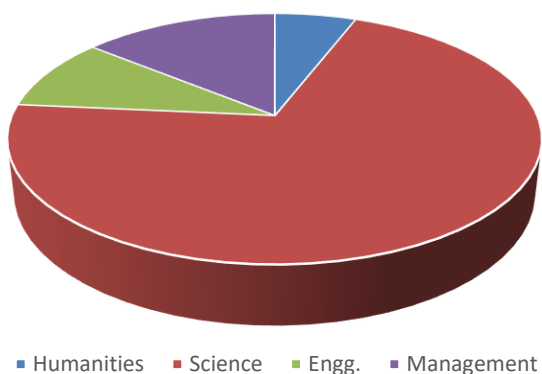


*Department of Industrial Policy & Promotion
Intellectual Property Right Chair
Tezpur University*

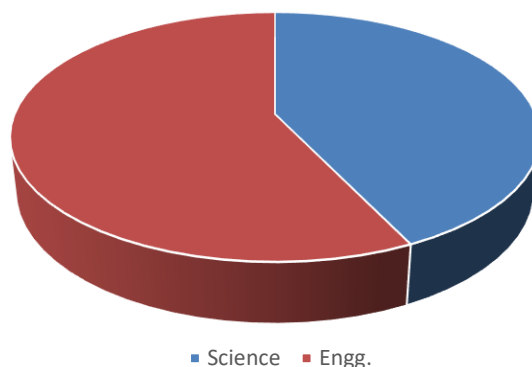
*Tezpur University Intellectual Property Rights Cell
Tezpur University (A Central University)
Napaam, Tezpur-784028
Assam, India*

Glimpse of Academic Activities by TUIPR Cell...

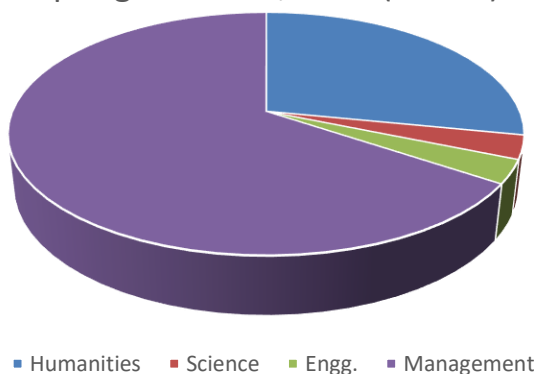
Autumn Semester, 2016 (PG-85)



Autumn Semester, 2016 (Phd-14)



Spring Semester, 2017 (UG-32)



Spring Semester, 2017 (Phd-07)

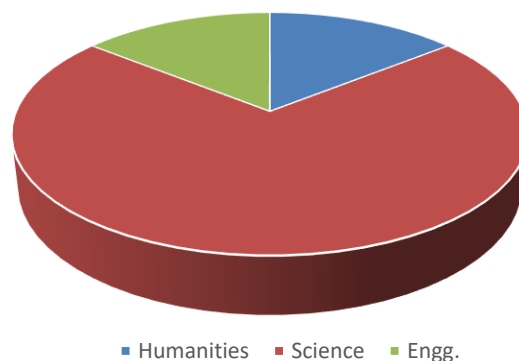


Photo: Prof. P.Ganguli deliberating during one of the CBCT classes for Ph.D students during Autumn, 2016

Executive summary of the activities of Year 2016-17.

1. Academic Activities...

A. IPR is offered as Choice Based Credit Transfer (CBCT) course in :

- i) Under Graduate level as IP201 (3 credits) in Spring Semester of 2017. 32 undergraduate students enrolled for this course from School of Management, Humanities, Science and Engineering,
- ii) Post Graduate level as IP401 (3 credits) in the Autumn Semester of 2016. 85 students from the School of Management, Humanities, Science and Engineering enrolled for the course.
- iii) Ph.D level as IP 701 (4 credits) in both Autumn (2016) and Spring (2017) semesters. Designed especially for the Ph.D students, 21 students in total enrolled for the course from the Schools of Science, Humanities and Engineering.

With a team of two Research Officers, TUIPR Coordinator and the Chair Professor himself, the courses have been conducted in the conventional class room mode. The students were assigned to undertake group studies on special topics that required in depth understanding. Before the end term, all the students delivered seminars to their peer groups as part of their group learning exercise. Evaluation of the students was done as per the university guidelines. The feedback of the students has been very encouraging.

B. Facilitating assessment and IPR filings: The TUIPR Cell received 5 invention disclosures from 5 departments. These were evaluated by the 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,

- All the five proposal was progressed and the complete specification with the claims were drafted and sent to TIFAC, New Delhi for filing through their patent attorney firm.
- Three proposals are accepted by TIFAC for funding while other two are still under consideration.
- One of the inventions from the above has received BIRAC-SRISTI Gandhian Young Technological Gandhian Award-2017.

C. Training on IPR for TUIPR Cell Officers

The two Research Officers attended the Advanced Workshop on IP Management conducted by DST-TIFAC and DRDO on Jan 12-14, 2017 in New Delhi where extensive exposure was provided on latest IPR practices adopted by various government agencies across the country like DRDO, ICAR etc. This workshop also allowed the participants to know more about the steps taken up by TIFAC, DRDO and DIPP for promotion of IPR activities across the country.

2. Campus Events

- **Colloquium on World Intellectual Property Day celebration on 26th April, 2016**

The 16th World Intellectual Property Day was celebrated in the Tezpur University Campus on 26th of April, 2016. The theme of celebration as declared by the World Intellectual Property Organisation (WIPO) was "Digital Creativity: Culture Reimagined". This annual event in the campus was aimed at enhancing IPR awareness and encouraging the University fraternity to protect their creative outputs. The celebrations included IP Day Quiz, IP Day Talk, Best Innovative Idea Competition and Best Slogan Writing Competition. IP Day Talk was delivered by Professor Dhruba Kumar Bhattacharya, Dean Academics, Tezpur University. He enlightened the audience with a very informative and interesting talk on "Internet Security". He outlined the common threats in the digital platform and illustrated how networks and computer systems can be compromised. He further elaborated on information security measures to prevent a variety of cyber attacks. The speaker also touched on the Copyright issues in Digital Media.

- **Patent Search and Analysis workshop on 25th February, 2017**

The TUIPR Cell organised an in house patent search and analysis workshop on 25th February, 2017 for faculty and researchers to familiarise and train them 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. This was the third event in the line of annual patent search workshops organised by the Cell every year. Shri Yashawant Dev Panwar, Scientist, PFC-TIFAC, DST deliberated upon the various patent databases available to the researchers on paid and free basis. Prof. P. Ganguli, IPR Chair Professor, Tezpur University complemented the deliberation with his expertise in the domain with actual case studies. 70 students and research scholars participated in the same from various academic institutes across the state.

3. Outreach Events

- **Geographical Indications (GI) Clinic at Dhakuakhana on 30th April, 2017**

Encouraged by the resounding success of the Geographical Indications (GI) Clinic at Lakhimpur on 17th March, 2015 in which 92 stakeholders were assisted to get registered as "Authorised User" of the GI Muga Silk of Assam, TUIPR Cell organised the second camp at Dhakuakhana 30th April, 2016. In this second camp, 147 more

“Authorised User” applications were processed for the Muga Stakeholders. Assam Science Technology and Environment Council (ASTEC), the Registered Proprietor of the GI, and the Dibrugarh University collaborated in the Camp. In this camp, participants of the earlier GI Clinic in Lakhimpur received their “Authorised User” certificates from Mr. C.G. Naidu, Assistant Registrar of Trademarks, GI Office, Chennai.

Report on
Colloquium to celebrate World Intellectual Property
Day
26th April, 2016

Organised by
Tezpur University Intellectual Property Rights Cell
Tezpur University (A Central University)
Napaam, Tezpur-784028

The 16th World Intellectual Property Day was celebrated in the Tezpur University Campus on 26th of April, 2016. The theme of this year's celebrations as declared by the World Intellectual Property Organisation (WIPO) was **"Digital Creativity: Culture Reimagined"**. This annual event in the campus was aimed at enhancing IPR Awareness and encouraging the University fraternity to involve themselves in creative activities for betterment of our world. The celebrations included **IP Day Quiz, IP Day Talk, Best Innovative Idea Competition** and **Best Slogan Writing Competition**. The Best Innovative Idea Competition and Best Slogan Writing Competition were conducted for the first time in the Campus. The entries were evaluated by a panel of experts. By online and offline announcements in the form of



Photo: Dr. P. Deb, the coordinator, TUIPR Cell introducing the theme to the participants of the Colloquium.

University Website, good number of participation was ensured. *"Know Piracy, No Piracy"* by Mr. Ayushman Devraj was adjudged the winning slogan. *"Nanotechnology based mosquitocidal agents: a promising environment friendly approach to prevent mosquito borne disease"* by Dr. Deepak Kumar Jha was adjudged the Best Innovative Idea. *"Using swarm robotics for multiple scenarios related to military applications as well as civilian applications"* by Mr. Siddharth Jaiswal was adjudged the second Best Innovative Idea.

The Quiz competition that was flagged off by the Coordinator, TUIPR Cell, Dr. P. Deb. Twenty -Six teams from various departments participated in the event. As theme of World Intellectual Property Day this year was **"Digital Creativity: Culture Reimagined"**, most questions tested the general understanding of IPR related to digital platform. The questions, supported by audio-visuals, made the quiz a true learning experience for one and all.



Photo: The participants of the World IP Day Quiz -2016

A National award winning quizzier from Tezpur University, Mr. Ashutosh Das, conducted this IPR Quiz for three hours. The session was conducted in two phases -- preliminary and final rounds. The team represented by Mr. Ayushman Devraj & Debasish Basistha was declared as the winner. The team represented by Snehassish Parashar and Biswajit Saha was declared runners up after a tough tie with another team.



Photo: The participants during the final round of the World IP Day Quiz Competition

Following the Quiz, Professor Dhruba Kumar Bhattacharya, Dean Academics, Tezpur University enlightened the audience with a very informative and interesting talk on “**Internet Security**”. He outlined the common threats in the digital platform and illustrated how networks and computer systems can be compromised. He further elaborated on information security measures to prevent a variety of cyber attacks.



Photo: The Quiz Master, Mr. Ashutosh Das in one of the sessions



Photo: Prof. Dhruba kumar Bhattacharyya, Dean, Academics, delivering the World IP Day talk to the participants

The speaker also touched on the Copyright issues in Digital Media. He gave examples of indiscriminate piracy from proprietary web resources and cautioned the students on ill effects of plagiarism, copyright infringement and how such acts have a negative impact on economy. The programme ended with the prize distribution ceremony.

Photo: The Prizes for the various events organised on the occasion of World IP Day, 2016





Photo: Felicitation of the Quiz Master Mr. Ashutosh Das (top) and the IP Day speaker, Prof. D.K. Bhattacharyya, Dean, Academic (right) by the Coordinator, TUIPR Cell, Dr. P. Deb.



Photo: Research Officer TUIPR Cell, Dr. Juri B. Saikia, conducting one of the sessions in the Colloquium.

Photo: Research Officer TUIPR Cell, Dr. S.Goswami, delivering the vote of thanks.



Photo: The Quiz Master with the some of the participants and the winners of the IP Day Quiz Competition.

PROGRAMME FOR WORLD IP DAY

Organised by
TEZPUR UNIVERSITY IPR CELL

26th April, 2016 (Tuesday)

Venue: Deans' Gallery, Time: 1.00 pm onwards

Time	Programme
1.00 pm -- 3.55 pm	IP Day Quiz
3.55pm -- 4.00 pm	Introduction of the theme
4.00 pm -- 5.00 pm	IP Day Talk
5.00 pm -- 5.30 pm	Concluding Ceremony and Prize Distribution to the winners of competitions
5.30 pm -- 5.35 pm	Vote of Thanks
5.35 pm onwards	High Tea

A brief profile of the resource person:

Prof. Bhattacharya has been associated with the Dept of Computer Science & Engineering, Tezpur University since March 1995. Before joining the university, he had worked in the Jorhat Engineering College from March 1992 – Mar 1995. He also worked in IOC (AOD) Ltd, Digboi for 11 months from May, 1991-March, 1992.

He has 127 publications and have authored 2 books namely:

- I. **DDoS Attacks: Evolution, Detection, Prevention, Reaction and Tolerance** by CRC Press, Taylor and Francis Group
- II. **Network Anomaly Detection from Machine Learning Perspective**, by CRC Press, Taylor and Francis Group

Some of his recent achievements include:

- Receiving grant for setting up **MHRD's Center of Excellence on Machine Learning and Big Data Analysis** for the period 2014-2019.
- Receiving grant for setting up a **High Performance Computing Centre** in association with C-DAC, Pune for the period 2015-2020.
- Receiving grant under **UGC SAP DRS II** to carry out research on **Big Data Analytics in Network Security, Bioinformatics and Robotics** for the period 2015-2020.
- Invited to Rastrapati Bhawan for In-Residence Programme from June 6-12, 2015 as **INSPIRED TEACHER** of Tezpur University.
- Representing Tezpur University as **Participating Institute** under **Ministry of IT's ISEA Project (Phase II Category I)** for the period 2015-20.

LIST OF PARTICIPANTS IN THE IP DAY COLLOQUIUM**ANNEXURE- III**

SL.NO	NAME OF THE PARTICIPANT	DEPARTMENT
1	HRIDAYJYOTI DEKA	COMPUTER SCIENCE & ENGINEERING
2	SANJU HAZARIKA	COMPUTER SCIENCE & ENGINEERING
3	SUMIT SARKAR	MATHEMATICAL SCIENCES
4	ASHOK MISRA	CHEMICAL SCIENCES
5	PRIYANKA KOCH	PHYSICS
6	MUNMUN DAS	PHYSICS
7	RITWIK KUMAR	MECHANICAL ENGINEERING
8	SIDDHARTH GAUTAM	MECHANICAL ENGINEERING
9	ABHILEKH SAIKIA	BUSINESS ADMINISTRATION
10	NEELKAMAL KUMAR	BUSINESS ADMINISTRATION
11	SNEHASHIS PARASHAR	PHYSICS
12	BISWAJEET SAHA	MECHANICAL ENGINEERING
13	MICHEAL PATHAK	MECHANICAL ENGINEERING
14	ANKURJYOTI DEKA	COMPUTER SCIENCE & ENGINEERING
15	RAHUL KR. CHOUDHARY	PHYSICS
16	SUNIT MANJIL HAZARIKA	PHYSICS
17	KRISHNA JAISWAL	MECHANICAL ENGINEERING
18	ALOK. P. SINGH	MECHANICAL ENGINEERING
19	NABANEEROJ SAIKIA	MECHANICAL ENGINEERING
20	APRATIM CHOUDHURY	MECHANICAL ENGINEERING
21	ABHISHEK ANAND THAKUR	MECHANICAL ENGINEERING
22	DEBANGSHU SINHA	MECHANICAL ENGINEERING
23	AJOY CHETRI	MECHANICAL ENGINEERING
24	SHIVANSHU BAJPAI	MECHANICAL ENGINEERING

25	ARUN BIKASH DAS	BUSINESS ADMINISTRATION
26	RIDIP RAY	BUSINESS ADMINISTRATION
27	BHASKAR JYOTI BHUYAN	BUSINESS ADMINISTRATION
28	NAGMA KHAN	BUSINESS ADMINISTRATION
29	ABHIJIT GHOSH	MATHEMATICAL SCIENCES
30	UDIT BASNET	MATHEMATICAL SCIENCES
31	AYUSHMAN DEVRAJ	ENGLISH AND FOREIGN LANGUAGES
32	DEBASISH BASISTHA	ENGLISH AND FOREIGN LANGUAGES
33	SIDDHARTH JAISWAL	COMPUTER SCIENCE & ENGINEERING
34	ANANYA KUMARI	ELECTRONICS AND COMMUNICATION ENGINEERING
35	KUMAR ABHIJIT SINGH	ELECTRONICS AND COMMUNICATION ENGINEERING
36	MRINMOY KSHATTRY	MBBT
37	CHIRANJEEV DAS	MBBT
38	VATSALA POKHREL	MBBT
39	RAJDEEP BARMAN	ENGLISH AND FOREIGN LANGUAGES
40	HRISHIKESH BARDALAI	CHEMICAL SCIENCES
41	ARIJIT NATH	COMPUTER SCIENCE & ENGINEERING
42	NAYAN KUMAR SARKAR	COMPUTER SCIENCE & ENGINEERING
43	SRIJANA KAUSHIK	ENGLISH AND FOREIGN LANGUAGES
44	SMITASRI JOY SARMA	ENGLISH AND FOREIGN LANGUAGES
45	ABHISHEK PATIRI	COMPUTER SCIENCE & ENGINEERING
46	SUSMIT BORUAH	CIVIL ENGINEERING
47	BHANU POUDEL	ENGLISH AND FOREIGN LANGUAGES
48	LUPAMUDRA GOGOI	ENGLISH AND FOREIGN LANGUAGES

49	KUMARI TRINAVEE	MECHANICAL ENGINEERING
50	DIMBALITA DEKA	MECHANICAL ENGINEERING
51	KAKALEE DAS	ENGLISH AND FOREIGN LANGUAGES
52	ANKITA RAY	ENGLISH AND FOREIGN LANGUAGES
53	ASOHK MISRA	CHEMICAL SCIENCES
54	SOURAV KUMAR HALOI	CHEMICAL SCIENCES
55	ANUCHAYA DEVI	ENERGY
56	SIKHAMONI MALI	ENERGY
57	DR. DEEPAK KUMAR JHA	PHYSICE
58	MANASHI BORAH	CULTUREAL STUDIES
59	PROF. R. S. SIROHI	PHYSICE
60	PROF. ASHOK KUMAR	PHYSICE
61	JIBON CH. DAS	DEANS' OFFICE, SCHOOL OF ENGINEERING

Report of One Day GI Camp
on
Effective use of Geographical Indications *_Muga Silk of Assam*

30 April, 2016

Organised by
Tezpur University Intellectual Property Rights Cell
Tezpur University (A Central University)
Napaam, Tezpur-784028

collaboration with

IPR Cell in Dibrugarh University
And
The Assam Science and Technology Environment Council (ASTEC)

Muga Silk of Assam has been protected as a Geographical Indication (GI) from Assam since 2007. The Assam Science and Technology Environment Council (ASTEC) became the owner of this GI. In 2014, the logo of the Geographical Indication for Muga Silk of Assam was registered (Registered GI applications no 55 & 384).

A major lacuna surrounding all GIs in India has been the extraordinarily low number of “authorised users of the GIs”. In 2014, the total number of authorised users of the GI-Muga Silk of Assam was only two as compared to the total number of stakeholders of over 28000 as per the GI Application. The status of the authorised users for all GIs in India was equally alarming as the 234 registered GIs had only 881 authorised users in India. Clearly GI in India as a system has been ineffective as the emphasis was laid on registration of GIs and not on their lawful implementation for derivation of socio-economic benefits.

The Tezpur University Intellectual Property Rights (TUIPR) Cell initiated a project to identify the key reasons for such low number of authorised users of GI Muga Silk of Assam in the State and initiate immediate corrective measures at the grassroots level and across the MUGA Value Chain. Targeted field work in the Muga Hub in North Assam helped to identify the critical factors that needed to be addressed. Low awareness of the benefits of GI, uncontrolled quality of MUGA production, insignificant marketing infrastructure, non-existence of a regulatory framework for enforcement of GI, lack of technology infusion for enhancement of productivity and quality including insignificant organisational support were some of key weaknesses identified.

Starting with preliminary field work in December 2014, the TUIPR Cell organised a regional workshop on GI in Guwahati on January 14, 2015, in which participants were invited from various States in the North Eastern Region to share their experience with respect to GI filings and GI Grant activities in their respective States. Participants were also drawn from the Assam State Government Administration, Silk Board, Handloom Board, University Vice Chancellors, etc. The owners and stakeholders of various GIs in the North Eastern Region expressed their views based on which a set of recommendations were structured.

The follow-up activities of the TUIPR Cell in the MUGA Hub in North Assam finally culminated in a major GI Camp with the MUGA Stakeholders in the Lakhimpur Region. This Camp was conducted by TUIPR Cell in collaboration with the IPR Cell in Dibrugarh University at the North Lakhimpur College in April 2015. The camp was conducted in Assamese and this camp resulted in the preparation and filing of 92 applications for the stakeholders to become “Authorised users of the GI Muga Silk of Assam. These applications were sent to the GI Registry in Chennai and followed up by the TUIPR Cell. All the 92 applications were examined by the Chennai GI Registry and the 92 Authorised Users Certificates were issued by the GI Registry in April 2016.

Encouraged by this success, the TUIPR Cell carried on its field work and door-to-door campaign to promote GI Muga Silk of Assam in the Lakhimpur Region from March 2015 to April 2016. These efforts formed the basis of the second GI Camp on April 30, 2016 organised by the TUIPR Cell jointly with IPR Cell of Dibrugarh University and ASTEC (the owners of GI Muga Silk of Assam) at the Dhakuakhana College, Lakhimpur.

These presentations were followed by an intense session of questions from the grassroots participants, which were responded to by presenters Suchibrita and Juri and wherever necessary with intervention from Professor Ganguli (MHRD IPR Chair Professor, Tezpur University), Mr Naidu, the Asst Registrar of Trademarks, GI Registry, Dr Pritam Deb (Coordinator TUIPR Cell) and Mr Bipul Saikia (Asst Professor, North Lakhimpur College). The main queries were centred on how registration as “authorised users” of the GI MUGA SILK of ASSAM would help them in their business, what support system has the government put in place to check adulteration of MUGA, what actions could be taken against persons adulterating MUGA and selling in the market, are there any promotion schemes or platforms to market MUGA with the GI Logo, how could one promote business of the MUGA clusters, how should the MUGA logo be put on the products, for example can the logo be embedded in the product, should the logo be put as a sticker and in that case what is the value, which body would regulate the use of these GI logo stickers, would there be a product pricing policy for GI marked products, what would be the government incentives to produce GI products, etc.



Photo: The pure Muga Silk Saris on display during the GI Camp

A special session was organised to display a couple of exquisite MUGA Saris that were woven by Renu Bora who had attended the GI Camp in March 2015 and had now become an “authorised user of the MUGA Silk of Assam GI” and therefore was entitled not only to call her products MUGA, but also affix the MUGA GI logo on the products made by her. Mr Naidu demonstrated how the logo was to be placed on these Muga Saris. Mr Pulin Bora, husband of Mrs Renu Bora was present in this GI Camp and he delivered the saris to Professor Prabuddha Ganguli who had placed the order with them after the previous GI Camp.

This session was followed by an intense period of very systematic facilitation of the process of filling of the application forms to become authorised users of GI MUGA Silk of Assam. The TUIPR Cell personnel helped the stakeholders not only to physically fill their respective application forms, but also got the relevant documentation organised, checked and systematised. Affidavits were prepared on the spot by the TUIPR Cell members and a local attorney who was specifically contracted for this purpose. It is indeed commendable that Mr C.G. Naidu, Asst. Registrar Trademarks, GI Registry, Chennai actually inspected each and every application with their associated documentation and advised on the necessary corrective measures on the spot.

Professor Alak K Buragohain, Hon'ble Vice Chancellor, Dibrugarh University, Prof Prabuddha Ganguli, MHRD IPR Chair Professor at Tezpur University, Mr C.G. Naidu, Asstt. Registrar of GI, GI Registry, Chennai, Dr Pritam Deb, Coordinator, TUIPR Cell, Dr Pankaj Das, Coordinator, Dibrugarh University IPR Cell, Dr Tara Duwara, Dept of Anthropology, Dibrugarh University, Mr Bipul Saikia, Asst Professor, North Lakhimpur College, Dr Suchibrata Goswami, Research Officer, TUIPR Cell, Dr Juri Borbora Saikia, Research Officer, TUIPR Cell, Ms Dipali Dutta, Junior Research Fellow, TUIPR Cell, and Mr Mohindra Das, TUIPR Cell took part in this Camp.



Photo: (Left) Organisers of the workshop along with the

Photos: (Below) Participants of the workshop



More than 200 MUGA Stake Holders from 12 villages of Lakhimpur District across the MUGA Value Chain, including students and faculty of Dhakuakhana College and prominent local personalities actively participated in this GI Camp. This overwhelming organic response of the stakeholders was a clear indication of the growing awareness among Muga producers on GI related matters. In this camp too, as in the earlier one, the entire proceedings was conducted in Assamese to ensure total and free communication between the participants and the organisers of the Camp. After a brief inaugural session, the Camp swiftly moved into an intense interactive session that was initiated by Dr Suchibrata Goswami and Dr Juri Borbora Saikia who made basic presentation on GI and how GI can be used to enhance individual and group learnings and how this could lead to all-inclusive socio-economic development in the region. Mr Bipul Saikia also showed a documentary prepared on the entire process of MUGA processing, from cultivation to the end product and explained in details the major issue related to Muga.



Photo: Registration of the authorised users during the GI camp

Another feature worthy of mention is that several participants of the previous GI Camp that was held in March, 2015 in North Lakhimpur College participated as volunteers in this GI Camp to facilitate the process of filling the application forms for their peer groups from their villages. This multiplier effect and people to people contact was the highlight of this camp and this process helped to fill 147 applications and systematise the associated documentation in just one day of the Camp. One hundred six (106) stakeholders submitted their bank drafts for registration fee (Rs 600/- per head) on the day of the camp. The remaining applicants paid the application fees to the TUIPR Cell. The TUIPR Cell undertook the responsibility to get the drafts prepared on behalf of the applicants.

This Camp therefore established a new trend of how “train the trainers” sessions at the grassroots level can lead to a chain reaction for facilitation of such processes in the village clusters. The new applicants were appreciative of this gesture by their village peers and are now motivated play their role in the promotion of the GI movement in their villages.



Photo: Distribution of Authorised User Certificate to the Mug cultivators from the first GI Camp

The Valedictory session was attended by Professor Alak Buragohain, Hon'ble Vice Chancellor of Dibrugarh University. He expressed his personal satisfaction on the outcome of the collaboration between Tezpur University IPR Cell and Dibrugarh University IPR Cell in this venture. He mentioned that this collaboration will go a long way to raise this MUGA Cultural Icon to the height it deserves and also to make it a means for economic prosperity in our communities. Professor Prabuddha Ganguli, MHRD IPR Chair Professor assured his support and the support of the TUIPR Cell on behalf of the Hon'ble Vice Chancellor of Tezpur University. He said that Tezpur University is not only committed to the cause of promoting GI MUGA Silk of Assam but is also initiating projects related to MUKHA of Majuli is already underway.

The last session was of immense significance. The 92 "Authorised User Certificates" based on the applications that were filed after the first GI Camp in North Lakhimpur College in March, 2015 was issued by the GI Registry in Chennai. Mr C. G. Naidu, Asst. Registrar, Trademarks, GI Registry has brought these 92 certificates with him to this camp. The certificates were distributed to several of the participants of the previous GI Camp by Mr C. G Naidu, Professor Buragohain, Professor Prabuddha Ganguli and Dr. Pritam Deb.

The GI Camp concluded with a set of focused recommendations from the stakeholders. The essential features were the urgent need for setting up a statutory body for enforcement of GI Muga Silk of Assam, development of reliable test methods for testing of purity of Muga Products, Setting up a State Level framework to promote MUGA products in national and international fora, exhibitions, markets, support system to help the stakeholders to earn profitable returns from their products and also infuse technology in some of these traditional practices to enhance their productivity, quality and profitability. The TUIPR Cell took note of these recommendations and mentioned that TUIPR Cell with Dibrugarh University IPR Cell will jointly work towards these end goals.

PROGRAMME FOR GI CAMP

Organised by
TEZPUR UNIVERSITY IPR CELL

30th April, 2016

Venue: Dhakuakhana College, 10.30 onwards

Time	Programme
10.30 am-11.00 am	Inauguration
11.00 am – 12.00 noon	Introducing the theme to the participants
12.00 noon –12.30 pm	Discussion on GI-Muga Silk of Assam
12.30 pm – 1.30 pm	Registration of Authorized Users
1.30 pm –2.30 pm	Lunch Break
2.30 pm – 4.30 pm	Registration of Authorized Users
4.30 pm –5.00 pm	Valedictory

A brief profile of the resource persons:

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. “Gearing up for Patents--The Indian Scenario” Universities Press (1998), “Intellectual Property Rights--Unleashing the Knowledge Economy”, Tata McGrawHill (2001), “Shaping the Future”, UNIDO-WIPO-IMTMA(2005), “Technology Transfer issues in Biotechnolog-- A Global Perspective” co-edited with Dr Ben Prickril and Dr Rita Khanna published by Wiley-VCH (Germany) (2009) and “Geographical Indications--its evolving contours” (2009) published by the Institute of Intellectual Studies, to name a few amongst his publications.

Prof. Pritam Deb is the Coordinator of IPR Cell, Tezpur University (Central University) and also holds position of Professor in the Department of Physics, Tezpur University (Central University) and Max Planck fellow of Max Planck Institute of Iron Research, Dusseldorf, Germany. He was awarded Ph.D. in Nanoscience from Jadavpur University. His overall research contributions exemplify innovativeness and originality in applications of fundamental principles of sciences to solve critical issues in 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 50 peer reviewed publications, three books (with McGraw Hill, Springer etc) in his credit. His extraordinary research achievements are also credited with four applied patents and two granted software copyrights.

Dr Suchibrata Goswami obtained her PhD in English from Dibrugarh University. After teaching in college for a few years, she joined the TUIPR Cell in 2011 as a “Research Officer” funded by the MHRD IPR Chair at Tezpur University. She has authored one book and several publications in peer reviewed journals. She is developing her expertise in Copyright, Trademarks and implementation of IPR in Traditional Knowledge Systems. She has been participating as faculty in the interdisciplinary IPR Courses for the UG, PG and PhD levels in Tezpur University. She has also been contributing as resource person in all the programmes linked with grassroots innovations and IPR outreach programmes of TUIPR Cell.

Dr. Juri Borbora Saikia graduated in science and has obtained her Ph.D degree from Tezpur University. She joined the prestigious MHRD Chair on IPR in Tezpur University as Research Officer in 2011 after working briefly in IIT Guwahati from 2009 to 2011 as SRF in the MoUD sponsored Centre of Excellence, Department of Civil Engineering. Since then, she is actively involved in various in-house and outreach activities related to IPR. She is also associated with conducting Interdisciplinary course on IPR for the undergraduate, post graduate and Ph.d students of Tezpur University. She takes classes on Industrial Design registration and Geographical Indications. Besides these, she along with her team at the TUIPR Cell works for providing IPR assistance to the TU fraternity as well as the grassroot innovators.

Shri Bipul Saikia is Assistant Professor in the Dept. of Zoology, North Lakhimpur College (Autonomous). Currently, he is also the Coordinator, Community College of Sericulture in North Lakhimpur College. Over the years, he has been intensely involved in MUGA related activities in the North Lakhimpur Region. He completed his M. Phil and submitted a dissertation titled “Studies on Production Constrains in Muga cultivation and its Remedial Measures in Lakhimpur District of Assam”. He has authored a publication on the topic of his dissertation in the International Journal of Wild Silk Moth. He is also a regular contributor of articles in local newspapers like Amar Asom and Assamese Magazine, Prantik. Shri Saikia is associated with National Service Scheme (NSS) as Programme Officer.

Shri Chinnaraja G Naidu, Assistant Registrar of Trade Marks & GI in the GI Registry Office in Chennai has been contributing immensely for protection and promotion of regional products with special characteristics and reputation by spreading awareness about importance of GI protection at various levels. He has participated as resource person in numerous awareness programmes across the country. Having background in law, he has been instrumental in providing authorised user certificates to the participants of the GI camps that mostly belonged to the far flung villages situated in Muga cultivating areas of Assam.

LIST OF PARTICIPANTS IN THE GI CAMP

ANNEXURE-III

SL.No	Name of Applicant	Address of Applicant
1	Mr. Ajit rajkhuwa	vill: Gobindrapur, pin: -787055, ,Dist:Lakhimpur
2	Mr. Arup Ranjan Dutta	vill: Gobindrapur, pin: -787055,Dist: lakhmpur
3	Mr.Atul Dutta	vill: Kamar gaon, pin: -787055,Dist: Lakhimpur
4	Mr.Ananda Bharali	vill: Gobindrapu, pin: -787055,Dist: Lakhimpur
5	Mr.Atul Konch	vill: Thekeraguri, pin: -787055,Dist: Lakhimpur
6	Mr.Achyut Bura Gohain	vill: Dhulpeta, P.o:Kekuri, pin: -787055, Dist: Lakhimpur
7	Mr. Bhupen Boruah	vill: Borpatra, pin: -787055,Dist:Dhemaji
8	Mr.Bhupen Gogoi	Vill:Kawoimari , pin: -787055, Dist:Dhemaji
9	Mr.Babul Borah	Vill:Gobindapur, pin: -787055,Dist:Dhemaji
10	Mr.Budhen Rajkhowa	Vill:Gobindapur, Pin: -787055,Dist:Dhemaji
11	Mr. Badan Boruah	Vill:Thekeraguri,No-1 ,Pin: -787055,Dist:Dhemaji
12	Mr. Bulan Sonuwal	Vill:Kekuri , P.o:kekuri: -787055,Dist:Lakhimpur
13	Mr. Babul boro	Vill:Jiamaria, Pin: -787055, Dist:Lakhimpur
14	Mr. Bipul Boruah	Vill:Dewalia gaon, Pin: -787055, Dist:Lakhimpur
15	Mr. Balin baruah	Vill:Dewalia gaon, Pin: -787055, Dist:Lakhimpur
16	Mr. Balin Konch	Vill:Gobidapur, Pin: -787055, Dist:Lakhimpur
17	Mr.Bhogeswar Borgohain	Vill:Bhkaitia gaon , Pin: -787055, Dist:Lakhimpur
18	Mr. Boga Saikia	Vill:Kamar gaon, Pin: -787055,Dist:Lakhimpur
19	Mr. Bipul Saikia	Vill:Gobidapun, Pin: -787055,Dist:Lakhimpur
20	Mrs. Banashree Hazarika	Vill: Na - kapahua gaon, Pin: -787055, Dist:Lakhimpur
21	Mr. Bhupen Gogoi	Vill:Dhulpeta, P.o:Kekuei, Pin: -787055,Dist:Lakhimpur
22	Mr. Baparam Sonowal	Vill: Na - Koroï guri,kachari,Pin: -787055,Dist:Lakhimpur
23	Mr. Binay Dutta	Vill: Gobindapur, Pin: -787055,Dist:Lakhimpur
24	Mr.Bhupen Dutta	Vill: Gobindapur,Pin: -787055, Dist:Lakhimpur
25	Mr.Birendra Nath Das	Vill: Gobindapur, Dist:Lakhimpur,pin: -787055
26	Mr.Bhogram Dutta	Vill: Kamar Gaon,Dist:Lakhimpur,pin: -787055
27	Mr. Cheniram Gogoi	Vill: Kawoimari, Dist:Lakhimpur,pin: -787055
28	Mr. Dimbeswar Chamuah	Vill: Goroimari ,Dist:Lakhimpur ,pin: -787055
29	Mr.Dimbewar Chutia	Vill: Amguri, Dist:Lakhimpur,pin: -787055
30	Mr .Dipak Dutta	Vill: Thekeraguri, Dist:Lakhimpur,pin: -787055
31	Mr. Dipil Borgohain	Vill: Bhakatiahula, Dist:Lakhimpur,pin: -787055
32	Mr. Dipen Dutta	Vill: Kamar Gaon ,Dist:Lakhimpur ,pin: -787055
33	Mr. Dimbe Gogoi	Vill: Bormerh, Dist: Dhemaji,pin: -787057
34	Mrs. Dipika Dutta	Vill: Kamar Gaon ,Dist:Lakhimpur ,pin: -787055

35	Mrs. Dulu Saikia	Vill:Kekuri, Dist:Lakhimpur,pin: -787055
36	Mr. Digen Dutta	Vill: Gobindapur, Dist:Lakhimpur ,pin: -787055
37	Mr.Dhaniram Dutta	Vill: Kamar gaon, Dist:Lakhimpur ,pin: -787055
38	Mr. Diganta BuraGohain	Vill:Dhulpeta, Dist:Lakhimpur ,pin: -787055
39	Mr.Drorneshwar Gogoi	Vill:Harhi dimuru guri ,Dist:Lakhimpur,pin: -787055
40	Mr. Golap Borgohain	Vill: Lahibari, Dist:Lakhimpur,pin: -787055
41	Mr. Gagan Borgohain	Vill: BhakatiaKhula, Dist:Lakhimpur,pin: -787055
42	Mr. Ghana Saikia	Vill:Kamar gaon, Dist:Lakhimpur,pin: -787055
43	Mr. Haresswar konch	Vill:Gobindapur, Dist:Lakhimpur,pin: -787055
44	Mr. Hem kanta Borah	Vill:No-1 Thekeraguri, Dist:Lakhimpur,pin: -787055
45	Mr.Hema majindar	Vill:No-1 Thekeraguri ,Dist:Lakhimpur ,pin: -787055
46	Mr. Harichandar Khanikar	Vill:Bahoichalaa, Dist:Lakhimpur,pin: -787055
47	Mr. Hirunya Dutta	Vill:Kamargaon ,Dist:Lakhimpur ,pin: -787055
48	Mr. Harichandra Chutia	Vill:Amguri ,Dist:Lakhimpur, pin: -787055
49	Mr. Indra Saikia	Vill:Amguri ,Dist:Lakhimpur, pin: -787055
50	Mrs.Ila Gogoi Dihingia	Vill:Dhulpeta ,Dist:Lakhimpur, pin: -787055
51	Mr. Indreshwar Dutta	Vill:Kamargaon,Dist:Lakhimpur ,pin: -787055
52	Mr.Jintu Bharali	Vill:Kamargaon,Dist:Lakhimpur, pin: -787055
53	Mr.Jintu Borgohain	Vill:Chaiguri ,Dist:Lakhimpur, pin: -787055
54	Mr. Jasdab Prasad	Vill:Amguri,Dist:Lakhimpur ,pin: -787055
55	Mr. Jyoti Prasad Dutta	Vill:Gobindapur,Dist:Lakhimpur,pin: -787055
56	Mr.Jiten Konch	Vill:Gobindapur ,Dist:Lakhimpur ,pin: -787055
57	Mr.Jiten Dutta	Vill:Kamargaon,Dist:Lakhimpur ,pin: -787055
58	Mr.Jaya Borgohain	Vill:Lahibari, Dist:Lakhimpur,pin: -787055
59	Mr. Jugen Dutta	Vill:Kamar gaon, Dist:Lakhimpur, pin: -787055
60	Mr.Jiban Das	Vill:Hujgaon,Dist:Lakhimpur, pin: -787055
61	Mr.Jogen Boruah	Vill:Thekeraguri,Dist:Lakhimpur ,pin: -787055
62	Mr. Jatin Barua	Vill:Kekuri Dioghali ,Dist:Lakhimpur ,pin: -787055
63	Mr.Jatin Barua	Vill:Kekuri Dioghali ,Dist:Lakhimpur ,pin: -787055
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66	Mrs.Kanachobali Dutta	Vill:No-1 Thekeraguri ,Dist:Lakhimpur ,pin: -787055

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68	Mr.Kushal Chetia	Vill:Itakhuli,Dist:Lakhimpur ,pin: -787055
69	Mr.Kesharam Konch	Vill:Thekeraguri No-1 ,Dist:Lakhimpur ,pin: -787055
70	Mr.Khirud Borgohain	Vill:Lahibari P.o:Ghatapara,Dist:Lakhimpur ,pin: -787055
71	Mr. Kamal Saikia	Vill:Guwalgaon ,Dist:Lakhimpur ,pin: -787055
72	Mr.Khogen Handique	Vill:Lahibari,Dist:Lakhimpur ,pin: -787055
73	Mr.Khirud Boruah	Vill:Gowalgaon ,Dist:Lakhimpur ,pin: -787055
74	Mr.Khagen Sonowal	Vill:Kekuri Kachari,Dist:Lakhimpur ,pin: -787055
75	Mr.Kiran Chutia	Vill:Dhulpeta,Dist:Lakhimpur ,pin: -787055
76	Mrs.Kshiren Dutta	Vill:Kamar Gaon,Dist:Lakhimpur ,pin: -787055
77	Mr. Lakhi Bora	Vill:Kamar gaon,Dist:Lakhimpur ,pin: -787055
78	Mrs.Lila Dutta	Vill:Kamar gaon,Dist:Lakhimpur ,pin: -787055
79	Mr. Manik Gogoi	Vill:Kawoimari,Dist:Lakhimpur ,pin: -787055
80	Mr.Monuj kumar Chetia	Vill:Itakhuli,Dist:Lakhimpur ,pin: -787055
81	Mrs. Monika Gogoi Borgohain	Vill:Lahibari ,Dist:Lakhimpur ,pin: -787055
82	Mr.Mridul Boruah	Vill:Dhulpeta ,Dist:Lakhimpur ,pin: -787055
83	Mr.Mridula Saikia	Vill:Gowalgaon ,Dist:Lakhimpur ,pin: -787055
84	Mr.Manoj Dutta	Vill:Gobindapur ,Dist:Lakhimpur ,pin: -787055
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86	Mr.Nipul Saikia	Vill:Gowal gaon ,Dist:Lakhimpur ,pin: -787055
87	Mr.Niru Phukan	Vill:Bhuma Lagachu ,Dist:Lakhimpur ,pin: -787055
88	Mr.Nitya Konch	Vill:Gobindapur,Dist:Lakhimpur ,pin: -787055
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93	Mrs. Padmeshwari Dihingia	Vill:Dhulpeta,Dist:Lakhimpur ,pin: -787055
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96	Mrs. Putumai Sonowal	Vill: Koroiguri, Kachari, Dist:Lakhimpur ,pin: -787055
97	Mr. Putu Sonowal	Vill: Koroiguri, Kachari ,Dist:Lakhimpur ,pin: -787055
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105	Mr. Pitambar Dutta	Vill: Pani Gaon, Dist:Lakhimpur ,pin: -787055
106	Mr. Pulin Bora	Vill: Amguri,Dist:Lakhimpur ,pin: -787055
107	Mr. Pankaj Bharali	Vill: Bamun Gaon ,Dist:Lakhimpur ,pin: -787055
108	Mrs. Padma Konwar	Vill: Lahibari,Dist:Lakhimpur ,pin: -787055
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110	Mr. Pradip Konwar	Vill: Lahibari,Dist:Lakhimpur ,pin: -787055
111	Mr. Phulendra Changmai	Vill: Bortangani ,Dist:Lakhimpur ,pin: -787055
112	Mr. Pranabjyoti Bharali	Vill: Guwal Gaon,Dist:Lakhimpur ,pin: -787055
113	Mr. Punedhar Barua	Vill:Kamargaon,Dist:Lakhimpur ,pin: -787055
114	Mr. Pradip Handique	Vill: Chaiguri Gaon ,Dist:Lakhimpur ,pin: -787055
115	Mr. Pradip Borah	Vill: Gobindapur,Dist:Lakhimpur ,pin: -787055
116	Mr. Prabin Bharali	Vill: Thekeraguri, No-1 ,Dist:Lakhimpur ,pin: -787055
117	Mr. Pradip Dutta	Vill: Heraipuwa,Dist:Lakhimpur ,pin: -787055
118	Mr. Rima Borah	Vill:Kamargaon,Dist:Lakhimpur ,pin: -787055
119	Mr. Rajen Dutta	Vill:Kamargaon,Dist:Lakhimpur ,pin: -787055
120	Mr. Rajib Saikia	Vill: Gobindapur,Dist:Lakhimpur ,pin: -787055
121	Mr. Rama Dutta	Vill: Pani Gaon,Dist:Lakhimpur ,pin: -787055
122	Mr. Radha Lahan	Vill:Dhulpeta ,Dist:Lakhimpur ,pin: -787055
123	Mr. Ranjit Neog	Vill: Bamun Gaon,Dist:Lakhimpur ,pin: -787055
124	Mr. Rabin Dutta	Vill:Kamargaon ,Dist:Lakhimpur ,pin: -787055
125	Mr. Ritu Dutta	Vill: Pani Gao,Dist:Lakhimpur ,pin: -787055
126	Mr. Rinku Borgohain	Vill: Lahibari ,Dist:Lakhimpur ,pin: -787055
127	Mr. Rangman Borah	Vill: Thekeraguri, No-1 ,Dist:Lakhimpur ,pin: -787055
128	Mr. Rajen Dutta	Vill:Jiamaria,Dist:Lakhimpur ,pin: -787055
129	Mr. Ranjit Saikia	Vill: Gobindapur,Dist:Lakhimpur ,pin: -787055
130	Mr. Ranjit Baruah	Vill: Guwal Gaon,Dist:Lakhimpur ,pin: -787055
131	Mr. Sharat Gogoi	Vill: Banhpara,Dist:Lakhimpur ,pin: -787055
132	Mr. Siddheshwar Das	Vill: Huj Gaon,Dist:Lakhimpur ,pin: -787055
133	Mr. Satya Sonowal	Vill: Koroiguri, Kachari, Dist:Lakhimpur ,pin: -787055
134	Mr. Shaylen Baruah	Vill: Guwal Gaon, Dist:Lakhimpur,pin: -787055
135	Mr. Tularam Konch	Vill: Pani Gaon, Dist:Lakhimpur,pin: -787055
136	Mr. Tulashi Boruah	Vill:Dhulpeta, Dist:Lakhimpur,pin: -787055
137	Mr. Tarun Dutta	Vill: Thekeraguri, No-1,Dist:Lakhimpur,pin: -787055
138	Mr. Tileswar phukan	Vill: Thekeraguri, No-2,Dist:Lakhimpur,pin: -787055
139	Mr. Thaneswar Borah	Vill: Guwal Gaon, Dist:Lakhimpur,pin: -787055
140	Mr. Tilak Dutta	Vill:Kamargaon, Dist:Lakhimpur ,pin: -787055

141	Mr. Thaneswar Baruah	Vill: Guwal GaonDist:Lakhimpur,pin: -787055
142	Mr. Taranath Gohain	Vill: Baruatika, Dist:Lakhimpur, pin: -787055
143	Mr. Tilen Barua	Vill:Kamargaon, Dist:Lakhimpur, pin: -787055
144	Mr. Utpal Gogoi	Vill: Harhi Chapari, Dist:Lakhimpur, pin: -787055
145	Mr. Umakanta Dihingia	Vill:Dhulpeta, Dist:Lakhimpur, pin: -787055
146	Mr. Ujjal Deep Boruah	Vill: Guwal Gaon ,Dist:Lakhimpur, pin: -787055
147	Mr. Uttam BuraGohain	Vill:Dhulpeta ,Dist:Lakhimpur,pin: -787055

Report of Workshop
on
Patent Search and Analysis
...An initiative of the Tezpur UNIVERSITY IPR Cell
25 February, 2017

Organised by
Tezpur University Intellectual Property Rights Cell
Tezpur University (A Central University)
Napaam, Tezpur-784028

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 finds 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. Understanding the importance of a systematic and designed search of patent literature, the IPR Cell, Tezpur University, has organised a patent search and analysis workshop for faculty/researchers to familiarise and train them 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 path. The workshop on **February 25, 2017** is the 3rd step in this direction and all faculty/researchers in Tezpur University were urged to register for this workshop to take full advantage of the practical sessions that have specially been designed for them. This was done to 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 Coordinator, TUIPR Cell Prof. Pritam Deb welcomed the participants and introduced the theme of the workshop. In his introductory remarks, he explained how TUIPR Cell has been facilitating the faculty and researchers of the university with the process of IP filings. He, however, expressed his concern about the fact that as most inventors are not properly exposed to a systematic literature searches, their patent applications suffer from an analysis of prior art. This causes a lot of difficulty in the prosecution of the patent applications. 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 what is already protected by patents. This could lead to a situation of researchers unknowingly repeating what is known or even conducting research on the obvious. He emphasized that the patent search workshop would highlight the issues with effective results. Simultaneously, he also invited the participants to conduct patent searches a regular practice of academic research.

Hon'ble Vice Chancellor, Prof. Mihir Kanti Chaudhuri deliberated the Inaugural Address. In his address he elaborated on the significance of generating sufficient IPs including patents in today's research activities 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 in this workshop so that the researchers can make it a habit to conduct patent searches routinely as part of their research activities. The first technical session titled *"Introduction to Patent Search and Landscaping"* was conducted by Prof. Prabuddha Ganguli. He introduced the concept of IPR, its diverse tools such as patents, trademarks, industrial designs registration, copyright and geographical indications. He showed how disclosures are made in a patent specification, how the relevant prior art is discussed in the context of the technical problem, how technology gaps are identified and how the objects of the invention as elaborated in the patent specification aim to fill the technology gaps by virtue of the invention for which the patent application is made. He then discussed the significance of the disclosures made by way of figures, formulae, tables and finally the claims.



Photo (left):
Prof. P. Ganguli
in one of the
technical
sessions.



Photo (below):
Participants of
the workshop

He also demonstrated how the international patent classification actually helps to conduct focused searches in specific technology fields. Patent landscaping was also introduced at a very basic level.

Second technical session conducted by Shri. Yaswant Dev Panwar, Head, Patent Facilitating Centre (PFC), TIFAC, Department of Science & Technology (DST), Govt. of India, involved an elaborate discussion on *Patent Searching-----Practical Approach to exercising databases and Patent Information*. He illustrated diverse approaches to patent searching. He also showed how patent documents cover technical aspects of an invention. Using smart phones as an example, he indicated how a range of features 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” and also mentioned that details would be illustrated during the hand-on session in the afternoon when each participant would be sitting with a computer in the computer centre.

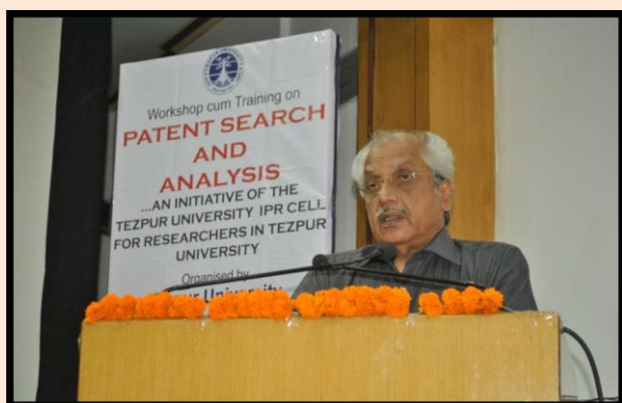


Photo: Former VC, Prof.M.K.Chaudhuri addressing the gathering



Photo: Shri Y. D. Panwar during one of the technical sessions.

Third and fourth technical sessions (of 4 hours) were “*Practical on Patent Searching and Analysing Patents*”, jointly conducted by Prof. P. Ganguli and Shri Y. D. Panwar. During this session, each participant with their laptop computers did hands-on experience on accessing and manipulating various free databases such as the USPTO, EPO, SIPO (Chinese), Indian Patent Office, WIPO (for PCT Publications). The participants were exposed to the power of these databases and how they could search and access patents in a targeted manner. All the features that were introduced in the two technical sessions in the morning of the workshop were actually experienced by the participants in these. The participants also downloaded patents in Chinese and then machine translated to English in the SIPO database. Selection of key words, preparing appropriate syntax of the key words and strategizing searches were also done. Participants also conducted family searches, in which they learnt that if there was a patent in any non-English language, they could do identify some patent in the same family which was filed in an English speaking country so that they got direct access to the patent specification in English. They searched patents using key words, patent numbers, application numbers, inventors, assignees, and also combined them with patent classifications, etc. The workshop ended with Vote of Thanks from the organizers

PROGRAMME FOR WORKSHOP ON PATENT SEARCH AND ANALYSIS

Organised by
TEZPUR UNIVERSITY IPR CELL

25 FEBRUARY, 2017

Venue: Council Hall, Tezpur University

Time	Programme
9.30 am—10.00 am	Registration and Inaugural Tea
10.00 am--10.30 am	Inaugural Session
10.30 am--11.30 am	<i>Introduction to Patent Search and Landscaping"</i> by Prof. Prabuddha Ganguli
11.30 am --12.30 pm	<i>Patent Searching-----Practical Approach to exercising databases and Patent Information.....</i> by Shri Y. D. Panwar
12.30 pm --1.30 pm	Lunch Break
1.30 pm –5.30 pm	<i>Practical on Patent Searching and Analysing Patents...</i> jointly by Prof. P. Ganguli and Shri Y. D. Panwar
5.30 pm -- 6.00 pm	Valedictory and Tea

A brief profile of the resource person:

Shri Yashawant Dev Panwar , Scientist-E and Head, Patent Facilitating Centre (PFC), TIFAC, DST, Government of India, New Delhi.

Shri.Yashawant Dev Panwar is M.Sc. Physics from MDS University, Ajmer, Rajasthan specialised in Microwave Electronics and M. Tech in Future Studies and Planning from Devi Ahilya University, Indore. His doctoral research is in progress at IIT Delhi on Management of Intellectual Property. He is working with Patent Facilitating Centre (PFC) of TIFAC since 1997. In PFC he is responsible for filing and prosecuting patents in India and other countries on behalf of Indian academic institutions and Government R&D institutions. He also supervises patent searches in all subject areas for ascertaining the novelty of the inventions, freedom to operate searches as well as state of art searches. His responsibilities also include organising patent awareness workshops on IPR across the country. He had been coordinating and guiding the activities of the Patent Information Centres (PICs) opened by PFC/DST in the State capitals in association with State S&T Councils. He is also involved in other activities of TIFAC such as study on S&T Manpower, IP policy issues, foresight studies etc. He did an internship on IP Management and Technology Transfer at the National Institute of Health (NIH), USA and has taken training on Patent Searches at the European Patent Office, Vienna, Austria. He also had undergone training of trainers of IPR at JIII, Tokyo. He is also a registered patent agent in India.

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. "Gearing up for Patents--The Indian Scenario" Universities Press (1998), "Intellectual Property Rights--Unleashing the Knowledge Economy", Tata McGrawHill (2001), "Shaping the Future", UNIDO-WIPO-IMTMA(2005), "Technology Transfer issues in Biotechnolog-- A Global Perspective" co-edited with Dr Ben Prickril and Dr Rita Khanna published by Wiley-VCH (Germany) (2009) and "Geographical Indications--its evolving contours" (2009) published by the Institute of Intellectual Studies, to name a few amongst his publications.

LIST OF PARTICIPANTS IN THE WORKSHOP**ANNEXURE-III**

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Glimpse of the Advanced Workshop on IP Management conducted by DST-TIFAC and DRDO on Jan 12-14, 2017



Photo: Inaugural Session with IPR experts from various government organisations as panellists.



Photo: TUIPR Research Officers as participants in the workshop.

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