



*A Report on*

**One Day National Workshop**

**Intellectual Property Rights & Technology Transfer and Their  
Role in Promotion of Innovations**



*Organized by*

**DPIIT IPR Chair, Tezpur University**  
*In association with*  
**School of Basic Sciences,**  
**The Assam Kaziranga University,**  
**Jorhat &**  
**Innovation Facilitation Centre, NRDC,**  
**New Delhi**

**Date: 4<sup>th</sup> March, 2022**

In order to celebrate the 75 years of Azadi ka Amrit Mahotsav, an initiative of the Government of India, a National Workshop *entitled “Intellectual Property Rights & Technology Transfer and Their Role in Promotion of Innovations”* was conducted on 4<sup>th</sup> March, 2022. Creation of awareness about the Intellectual property and related rights amongst the young innovators and researchers was the prime objective of this daylong programme. Along with the lectures of the IPR experts an innovative idea competition was also organized to encourage the students.

The workshop was inaugurated by the Hon’ble Vice Chancellor of Assam Kaziranga University where, Dr. P.K. Mishra, Dr. Srihari Krishna, Registrar of Assam Kaziranga University, Prof. P Deb, DPIIT IPR Chair Tezpur University, Dr A. K. Srivastava, Manager & Coordinator, Innovation Facilitation Centre, NRDC, NewDelhi and Dr. Jaynata K Sarmah, Dean School of Basic Sciences, addressed the participants in the inaugural programme. In addition to the senior members from both the institutes, 135 participants participated in the programme.

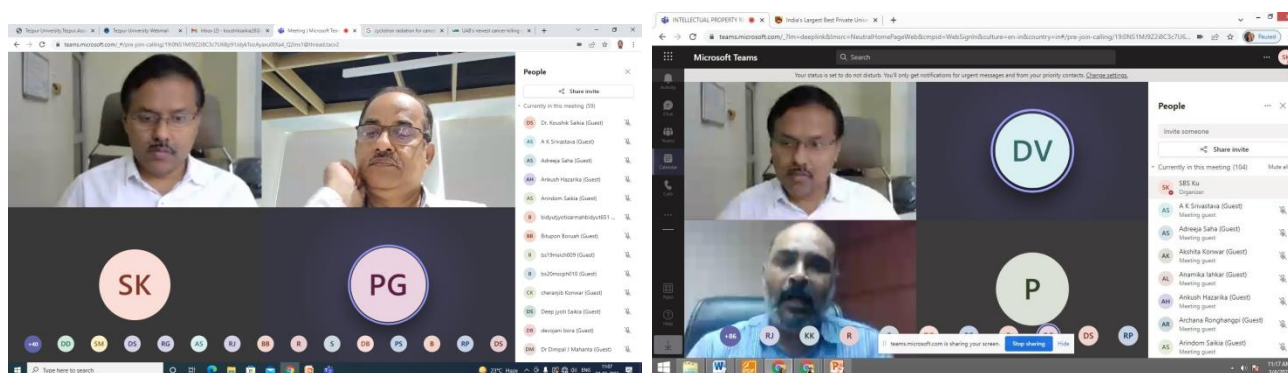


Photo: Screenshots of the inaugural sessions

The first technical session of the programme was composed of two invited lectures. The first lecture was delivered by Prof. Pritam Deb, DPIIT Chair Professor IPR Cell, Tezpur University. The title of his lecture was *“Innovation: Analyzing its position in the IP landscape”*. In his hour long talk he gave a brief introduction about “What is IPR?” and then entered to the subject by explaining different types of Intellectual Properties in details. He also emphasized on the role of a higher education institution for the development of a self-sustainable IP ecosystem.

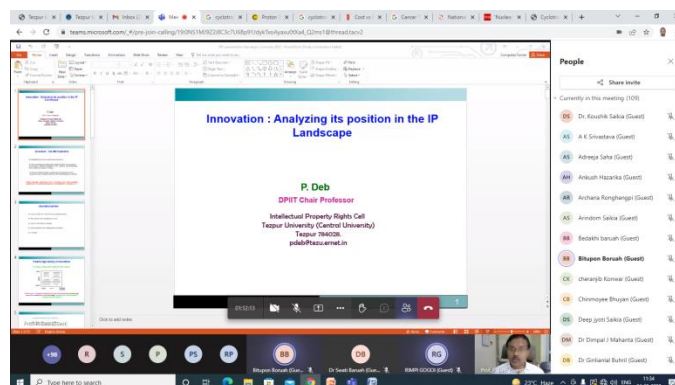


Photo: Deliberation of Prof. P. Deb, DPIIT- IPR Chair Professor

The second lecture of the session was delivered by Dr. A. K. Srivastava, Manager & Coordinator, Innovation Facilitation Centre, NRDC, New Delhi. The title of his lecture was *“Promoting*

***Innovations-Transforming Lives***". Dr. Srivasatva particularly focused on the topic innovation and mentioned how innovation can lead to the formation of different Intellectual Properties (IPs). He also mentioned the role of NRDC in providing supports to the innovators for getting their deserving IP rights.

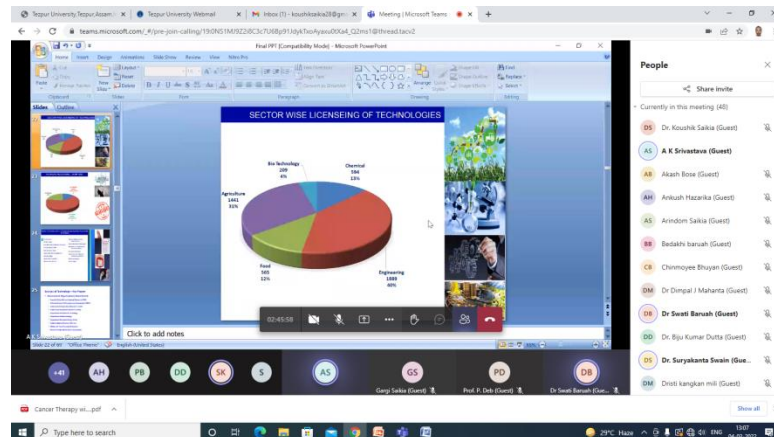


Photo: Deliberation of Dr. A. K. Srivasatva, Manager, NRDC, New Delhi

The second technical session of the programme was an Innovative Idea competition, where total 12 students and researchers from the Assam Kaziranga University, Tezpur University and neighboring Institutes have participated and presented their Innovations. The innovations were assessed on the basis of novelty, ingenuity in the innovation, scientific and technical achievements, Improvements over existing Innovation, patentability and their social applicability in the present scenario by the committee comprising of Prof. P. Deb, DPIIT IPR Chair Professor, Tezpur University and Dr. A. K. Srivasatva, Manager, NRDC, New Delhi. After going through all the innovative idea presentations, three Innovators were selected by the committee and recommended for the awards. INR 4000.00, INR 3000.00 and INR 2000.00 from Tezpur University have been given to the winners as the prize moneys against the first, second and third prize respectively.

**KAZIRANGA UNIVERSITY**  
KNOWLEDGE & BEYOND

**NRDC**

*National Workshop on*  
**INTELLECTUAL PROPERTY RIGHTS & TECHNOLOGY  
TRANSFER AND THEIR ROLE IN PROMOTION OF  
INNOVATIONS**

Organized by  
School of Basic Sciences, The Assam Kaziranga University, Jorhat,  
In association with DPIIT IPR Chair, Tezpur University  
Innovation Facilitation Centre, NRDC, New Delhi

(Date: 4<sup>th</sup> March, 2022, Time: 11.00 am onwards)  
Celebrating

**75**  
Azadi Ka  
Amrit Mahotsav

(Resource Persons)

**Prof. P. Deb**  
DPIIT IPR Chair Professor IPR Cell  
Tezpur University

**Dr. Ashish Kumar Srivastava**  
Manager & Coordinator IFC Programme  
NRDC, New Delhi

**Innovation Exhibition Competition**  
(Prizes for the Winners)

**LINK FOR REGISTRATION:**  
CLICK HERE FOR REGISTRATION

**Contact Persons:**  
Convener: Dr. Munu Borah  
Co-Convener: Dr. Dr. Madhuryya Deka &  
Dr. Swati Baruah  
Dept. of Physics, SBS, KU

One Day Workshop on  
"Intellectual Property Rights & Technology Transfer and their Role in promotion of Innovations"

Organized by  
School of Basic Sciences,  
The Assam Kaziranga University, Jorhat, Assam  
In Collaboration with  
DPIIT IPR Chair, Tezpur University and NRDC, Delhi

Date: 4<sup>th</sup> March, 2022

**PROGRAMSCHEDULE**

Time: 11am

Program	Speaker	Tentative Duration
Overall Sessions will be hosted by <b>Dr. Munu Borah and Dr. Swati Baruah</b> , Asst. Prof., Dept. of Physics, KU		
<b>Inauguration of the program</b>	Welcome Speech by <b>Chairperson</b>	11-11.10 am
	Speech by <b>Advisor</b>	
<b>TECHNICAL SESSION</b>		
<b>Technical session I</b>	<b>Talk1</b>	11.10-12.10 pm
	<b>Talk2</b>	12.10-1.10 pm
Lunch Break (1.10-1.45 pm)		
<b>Technical session II</b>	<b>Online presentation of innovative ideas by the student</b>	1.45-3.30 pm
<b>Vote of Thanks</b>	<b>Dr. Madhuryya Deka</b> Asst. Prof. & Head, Dept. of Physics, KU	3.30-4 pm

Photo: Brochure and schedule of the programme

*List of the participants who participated in the Innovative Idea competition*

<b>SL No.</b>	<b>Name</b>	<b>Institute</b>	<b>Topic</b>
1	Meenakshi Talukdar	Physics (Tezpur University)	Biodegradable flexible packaging material -Onestep towards better environment
2	Ishani Dutta	CHEMISTRY (KU)	Automatic blade swinging ceiling fan for easy cleaning
3	Dr. Koushik Saikia	IPR cell (Tezpur University)	Dense assembly formation of iron oxide NPs fordeveloping high efficient MRI contrast agent
4	Kishor Kalita	Phy (KU)	Highly Effective Transparent Conducting Substrate
5	Monika Sharma	Dept of Physics (Tezpur University)	Smart phone based Remote Controlled Device for Collection of Oil from the Oil spill on land
6	Abhinav Borah	B. Tech CSE (KU)	Smartphone Assist Identification and recognition of orchids available in NE using Deep LearningTechniques.
7	Angshuman Barpujari	B. Tech CSE (KU)	Indoor navigation system
8	Roktim Kamal (Group)	B. Tech CSE (KU)	Identification of Assam Monuments with its historical details using DL
9	Madhulekha Gogoi	MSTD (CSIR NEIST JORHAT)	Xeuj as MRI contrast agent for clinical veterinary application
10	Akshoy Gogoi	SCHOOL OF BUSINESS (KU)	Wagging Tails
11	Nipan Saharia	MSc. Mathematics (KU)	Predicting stock market direction with 'FutureTrade'
12	Biplob Porashar, Mridushri Borah, Kousik Bharali and Urbie Konwar	Chem (KU)	Preparation of Magnetic concrete (MagmentTechnology) from iron based waste material

## *About the Speakers*

### **Prof. Pritam Deb**

Prof. Pritam Deb holds position of DPIIT-IPR Chair Professor in Tezpur University (Central University). He is a nationally recognized scholar and teacher in the fields of IPR, Patent, PCT and Trade secrets. He has been constantly providing technical supports guiding the innovators and creators for creating and securing an IPR conscious ecosystem. Besides teaching technical nuances to the students enrolled for the courses on IPR, he has also been working for initiating many industry academia research collaborations as part of the efforts initiated for creating a Pro-Industry research platform in the University. He did his Ph.D. in Nanoscience from Jadavpur University and post doctorate from TU Delft. His research achievements include nine patents and two software copyrights, besides 125 research papers in reputed journals. He spearheaded many innovative IPR activities in Tezpur University campus --Best Innovative Idea Competition, IPR Quiz, IP Day Talk etc. He has provided effective and inspiring leadership by preparing and implementing strategies of IPR Policy objectives e.g. Creating IPR Awareness, Administration and Management of IPR, Human Capital Development. He has received many international and national awards and recognitions in his career. Recently, in recognition to significant contribution in innovation and technology development, he has been adjudged for the prestigious Visitor's Award conferred by the President of India for Technology Development for the year 2020. He also held a number of visiting and honorary positions, including the Max Planck Fellow of Max-Planck-Institut für Eisenforschung, Germany, APS-IUSSTF Professor at Rice University, USA etc.



### **Dr. A. K. Srivasatva**

Dr. Ashish Kumar Srivastava is presently working as Manager at National Research Development Corporation, New Delhi, which is an enterprise of Department of Scientific & Industrial Research under the Ministry of Science & Technology, Government of India. Dr. Srivastava is co-ordinating the prestigious NRDC National Meritorious Invention Awards Programme and setting-up of NRDC-Innovation Facilitation Centres. He is member of several Committees of NRDC, constituted to run various Programmes of the Corporation. He has more than 10 Years of valuable experience in the field of Technology Transfer, Sourcing & assessing of various Technologies and dealt technologies emanated from premier research institutes of the country in Agribiotech, Biotechnology, Medical Science, Biopesticides & Biofertilizers. He is instrumental in commercialization of some of the important technologies through NRDC. He is also associated with two programmes of NRDC for Start-ups that is, NRDC SEED FUNDING and Technology Development, Validation and Commercialisation Program (TDVC).



### List of Participants

Sl. No.	Name	Department	Institute
1	Vibhor Mishra	Mechanical Engineering	Assam Kaziranga University
2	Rajshree Gogoi	Biotechnology	Kaziranga university
3	Progya Priyam Gogoi	MSc biotechnology	Kaziranga University
4	Surajit Changmai	MSc Biotechnology	Kaziranga University, Assam
5	Aryan K Sangma	MSc Biotechnology	Kaziranga University
6	Pankaj Gayon	M.Sc Biotechnology	Kaziranga University
7	Rajshree Gogoi	Biotechnology	Assam Kaziranga University
8	Dr. Pushpa Latha Mamidi	Basic Science	Vishnu Institute of Technology
9	Priyanuj Kalita	Physics	Don Bosco University
10	Saheel Rahman Bora	CSE	Assam Kaziranga University
11	Ritisha Gayan	Bachelor of Physiotherapy	Kaziranga University
12	SURI BABU JOGA	Department of Basic Science	Vishnu Institute of Technology
13	Rudrani Singh	Bachelor of Physiotherapy	The Assam Kaziranga University
14	Bhaskar Saikia	Physics	Sibsagar College, Joysagar
15	Madhujya Boruah	D Pharm	Kaziranga university
16	Barsha Saikia	Maths	Kaziranga University
17	Swastica Bharadwaz	Chemistry	Kaziranga University
18	Samina Afsara Hussain	Chemistry	The Assam Kaziranga University
19	Rishagni Chetia	Chemistry	The assam Kaziranga University
20	Priyanka Saikia	Chemistry	The assam kaziranga university
21	Rimpi Gogoi	Chemistry	The assam kaziranga University
22	Stuti Khaund	Chemistry	Kaziranga University
23	PALKEE MOHON	Chemistry	Kaziranga University
24	Jyotismita Hazarika	Chemistry	Kaziranga University
25	AMLAN JYOTI NATH	Chemistry	The Assam Kaziranga University
26	Monisha das	Chemistry	Kaziranga university

27	UDESNA BORAH	Chemistry	Kaziranga University
28	Gargi Saikia	Msc Mathematics	Kaziranga university
29	PALLABI HAZARIKA	Chemistry	The Assam Kaziranga University
30	Hukito yepthomi	Mathematics	Kaziranga university
31	RUNJUN DUARAH	CHEMISTRY	THE ASSAM KAZIRANGA UNIVERSITY
32	Jahirul Islam	Physics	Kaziranga University
33	Nasima sultana	Physics	Kaziranga University
34	Swaraj Bhuyan	Chemistry	Kaziranga University
35	A Sharontoli Swu	Chemistry	Kaziranga university
36	Ishani Dutta	Bsc Chemistry	Kaziranga university
37	Tejaswini Kalita	Chemistry	Kaziranga University
38	Kabya Bhuyan	Int Msc (Maths)	The Assam Kaziranga University
39	Pranjit Das	Int. MSc chemistry	The Assam Kaziranga University, Jorhat
40	DEEP JYOTI SAIKIA	Physics	Kaziranga university
41	Devojani Bora	Mathematics	Kaziranga university
42	Salkhan marak	Physics	Kaziranga University
43	Chandan Jyoti Borah	Chemistry	Kaziranga University
44	Rini Dutta	Chemistry	Kaziranga University
45	Kihitoli Graka	Mathematics	Kaziranga University
46	Nisuholi H Chishi	Mathematics	Kaziranga university
47	Supongsena yaden	Mathematics	Kaziranga University
48	Rakesh phukan	Physics	Kaziranga university
49	Sidney Cyrus D Shira	Mathematics	Kaziranga University
50	Milanbirth CH Marak	Mathematics	Kaziranga University
51	Tarak A Marak	Mathematics	Kaziranga University
52	Pallabi Bhuyan	Mathematics	The Assam Kaziranga University
53	Violina Kaushik	Mathematics	The Assam Kaziranga University
54	Murchana Devi	Mathematics	The Assam Kaziranga University
55	Akash Bose	Chemistry	The Assam Kaziranga University
56	Puja pegu	Mathematics	The Assam Kaziranga University
57	Princhi Phukon	Chemistry	Integrated Msc



58	Anamika Lahkar	Chemistry	The Assam kaziranga University
59	ANKUSH HAZARIKA	Chemistry	The assam kaziranga University
60	SWAGATA KALITA	Integrated Msc Chemistry	Kaziranga university
61	Yamule	Mathematics	Kaziranga university
62	Gloria Kachap	Physics	The Assam Kaziranga University, Jorhat
63	Susmita Hazarika	Chemistry	Kaziranga University
64	Noni Gopal Nath	Chemistry	The Assam kaziranga University
65	Sudeshna Chetia Phukon	Chemistry	The Assam Kaziranga University
66	Sanjyokta Borah	Chemistry	Kaziranga University
67	Unmilita Phukan	Chemistry	The Assam Kaziranga University
68	Kangkana Das	Mathematics	Kaziranga University
69	Akankhya Kaushik	Chemistry	The Assam Kaziranga University
70	Evarani Hazarika	Msc physics	Kaziranga university
71	Anindita Paul	Msc physics	Kaziranga University
72	Reshmina Konwar	Physics	Kaziranga University
73	Nilotpal Hazarika	Chemistry	Kaziranga University
74	Sulakshana Tamuly	Physics	Kaziranga University
75	Mukunda Bhuyan	Physics	Kaziranga University
76	Bidyut Jyoti Sarmah	Mathematics	Kaziranga University
77	Bikash Kumar Gogoi	Chemistry	Kaziranga university
78	Washima Hussain	B. Sc. in Chemistry	Kaziranga university
79	Rakhit Ranjan Gowalla	Mathematics	Kaziranga University
80	Riya Mudoi	MSc Chemistry	The Assam Kaziranga University
81	Sibiya Tanbhir	Mathematics	Kaziranga University
82	Ranjeeta Singh	M. sc chemistry	Kaziranga university
83	Bendangmar	Mathematics	Kaziranga university
84	Prasanta borah	MSc chemistry	KU
85	Bedakhi Baruah	Mathematics	Kaziranga university
86	Trivanee Hazarika	Mathematics	Kaziranga University
87	Priyanka Chetia	MSc Chemistry	Kaziranga University
88	Ritu Raj Bora	Mathematics	Kaziranga University

89	Supriya Boruah	Mathematics	The Assam Kaziranga University, Jorhat
90	Adreeja Saha	SBS (physics)	Kaziranga University
91	Shyamoli Tamuli	Mathematics	Kaziranga University
92	Kankana Borgohain	Physics	Kaziranga university
93	Renbomo Jami	Physics department	Kaziranga University
94	Rekharani Mahata	Mathematics	Kaziranga University
95	Rebarani Mahata	Physics	Kaziranga University
96	Vishal Kumar Prajapati	Department of Physics	The Assam Kaziranga University
97	Madhusmita saikia	Chemistry	Kazirangauniversity
98	Dristi kangkan mili	Chemistry	Kazirangauniversity
99	Parash kumar singh	Msc physics 1st sem	Kaziranga university
100	Tarali Gogoi	Mathematics	Kaziranga university
101	Bhairabi Gohain	Physics	Kaziranga University
102	Barasha Rani Tamuli	Physics	Kaziranga university
103	Tina REANG	Bsc chemistry	Kaziraga university
104	Niha Buragohain	Chemistry	Assam Kaziranga University
105	Gayatri Das	BSc chemistry	Kaziranga university
106	Sarmistha Bora	Chemistry	Kaziranga University
107	Kahkasha Anjum	Chemistry	Kaziranga university
108	Ankit Ranjan Gogoi	Chemistry	Kaziranga University
109	Priti khanal	BSc chemistry	Assam Kaziranga University
110	Aquib Raja Ansari	Chemistry	Kaziranga University
111	HASMINA SULTANA	Chemistry	The Assam Kaziranga university
112	Swapnali patar	Physics	Kaziranga University