

Workshop on Intellectual Property Rights

Date: 3rd November 2017

Inauguration

Dr. Arup Roy Chowdhury, Chief Commissioner of the West Bengal Right to Public Service Commission, Ex. CMD NTPC Ltd.; Dr. W Selvamurthy- President, Amity Science Technology and Innovation Foundation; Prof. Shyamalendu Niyogi, NRDC-Amity Innovation Facilitation Centre and Prof. Dhrubajyoti Chattopadhyay, Vice Chancellor, Amity University Kolkata (AUK) inaugurated the workshop.

A work shop was organized on Intellectual Property Rights (IPR) and the programme began by the felicitation of the guests which was followed by Saraswati Vandana. Our Hon'ble Vice Chancellor, Prof. (Dr.) Dhrubajyoti Chattopadhyay mentioned the global Aspect of IPR and its relevance in today's world. He gave a brief introduction of IPR and explained the origins of IPR. In this regard our Hon'ble Vice Chancellor mentioned the WTO's TRIPS agreement which lays down the classification of IPR. He mentioned the different Indian Legislations related to IPR and how through different amendments IPR became prominent in India. He focused on the importance of IPR in today's changing society. His speech was followed by his introduction to the speakers for the first round of the technical session.

Dr. Rama Ranjan Bhattacharjee, Organising Secretary went on elaborating on the topic and gave a brief overview about the purpose of the event. He gave a warm welcome and conveyed his special thanks to Prof. Shyamalendu Niyogi, head of the NRDC-Amity Innovation Facilitation and Dr. W. Selvamurthy, President, Amity Science Technology & Innovation Foundation. Prof. Niyogi address included the importance of IPR and the mentioned the difference of IPR with real property. He discussed on the intangible nature of IPR and how this IPR becomes an integral part of any creation or property. Prof. Niyogi went on to explain how IPR is required for any innovation and he specifically mentioned the how the existence of IPR is an inspiration for inventors to create new products and cited a few examples in this regard. He called upon a Mr. Vishesh Chaudhuri, B.Tech 3rd semester student of Computer Science Engineering who is working on Identity Crisis and will be applying for copyright. Identity Crisis is a situation where people start doubting about his own abilities or self. His work includes in identifying the factors which will help in self diagnosis in Identity Crisis. He will be publishing his work in form of a fictional novel.

Dr. Selvamurthy talked about the Patent Act, its historical evolution and its amendments. He went in saying the importance of patents in today's world and how the patent laws encompasses all the products of our daily life- whether it is cosmetics, medicines, consumer durables or creative knowledge. He mentioned that the National Vision 2020 is to become a strong nation and in order to realize it he emphasized the need to become strong in Economic Power, Military Power and Knowledge Power. The Scientist edition has told India as the next knowledge super power. He mentioned that the 21st Century knowledge pool and expressed the need for innovation process where in he stressed on need on Idea generation, Concept Development, Problem solving ability and Communication. He said that University should become a cradle of innovation and knowledge generation. He showed a matrix on how to become a World Class University.

He went on discussing the various sectors in which IPR was involved and showed a matrix of Economic growth Vis-a -vis Societal transformation. Dr. Selvamurthy gave an insight on how the innovation process should be and the product development cycle in this regard. He discussed on Royalty on technology transfers and IPR's. Dr. Selvamurthy mentioned Universities have a young and innovative minds with a flexible ecosystem which makes knowledge exchange and transfer much easy. He cited that Amity University has filed 870 patents till now and has 134 research projects which are currently operational. He went to say that Amity Faculty members have authored around 600 books and 7000 research papers which were published in some of the leading journals along with 700 case studies developed which are being taught in various B-schools. Dr. Selvamurthy showed in his presentation that Times of India has identified Amity University as the second largest Patent holder after IIT's. The recent accomplishments in patents include granting of patents for

1. Sensor for detecting Nitrogen Dioxide Gas
2. A nano material based culture medium for microbial growth enhancement
3. Plant growth promoting formulation of Piriformospora indica and Azotobacter chroococcum with talcum powder.

He mentioned the research and Innovation park involving industry, researchers and Academia. He cited the National IPR policy which was approved on 12th May 2016 under Creative India, Innovative India and told that our Hon'ble Prime Minister , Shri Narendra Modi focused on the start ups under the Make in India campaign. Our PMO has given benefits in the start ups which include the following:

1. Start ups & Individuals in similar category will have 80% rebate on fees
2. Examination process within 105 days
3. Reduction in time period to file response to FER
4. Expedited issuance of foreign filing licensing request.

He explained how National Research Development Corporation (NRDC) is acting a bridge between Research and Industry. His address concluded by showing how software programming has also become an integral part of the patent act. Software or to be more specifically 'Apps' or Application softwares are

taking on the market. He explained how all these software companies are also registering for the Patents.

Dr. Arup Roy Chowdhury, Chief Commissioner of the West Bengal Right to Public Service Commission talked about innovation and IPR. Dr. Roy Chowdhury started the session with paying homage to NTPC workers who died in the NTPC boiler blast. He shared his own experience as the Chief Commissioner to the audience. He mentioned special references to various IPR policies were framed to safeguard IPR. He discussed on various issues related to IPR and how these issues were dealt with. He asked the students to read the book on Management by Idiots written by him. Management By Idiots is a book talks about those people who are willing to think differently. The book gives readers details on the necessary things one needs to know before venturing out into the world of management. It is a short book with 20 chapters about the do's and don'ts of the management world. He also discussed on Global Investment Performance standards (GIPS). The GIPS logo is a visual representation indicating that a firm claims compliance with the GIPS standards. Firms that claim compliance with the GIPS standards are only permitted to use the GIPS logo on a GIPS compliant presentation or on an advertisement that adheres to the GIPS Advertising Guidelines. He discussed on the imminent dangers of GIPS policies.

Dr. Ayan RoyChaudhuri concluded the session and gave a vote of thanks to all the speakers for contributing their valuable knowledge in the workshop.

Technical session - 1

The technical session started from 11.30Am onwards and was chaired by Dr. Arup Roy Chowdhury. It began by the introduction of Dr. Amitava Chakraborty, former HO Indian Patent Office Kolkata dealt with the basics of IPR laws, the various forms and the various international conventions that guide the smooth functioning of IPR regime in India. He also addressed on the aspects which come under Patents Act and spoke on objects which are not patentable. He discussed the Patents Law in details.

Dr. Nilanjan Deb, Associate Professor of the Dept. of Agronomy, Calcutta University and spoke on being creative and inventive. He explained that patents provide the thrust in making creativity happen.

Mr. Biswajit Sarkar, Advocate-IP, began his lecture by the introducing about IPR laws and mainly focused on the aspect of patents its prosecution in Patent office with special reference to the concepts of FER and hearing. He discussed in details the various stages of filing to grant patents.

Technical session - 2

The second technical session started from 2.30 PM and was chaired by Dr. Nilanjan Deb.

Dr. Arup Ghosh was the first speaker of the second round of technical session. He is associated with SABIC and spoke on Impact of IP in industry and academia. He mainly focused on the R&D ecosystem in India and the role of IPR in furtherance of the same. He also discussed the interface of IT laws in the Academic sector and highlighted on the increasing number of patents files thereof. He also enumerated on the major active players in the field of IP and Academia which according to him comes from Chemistry, Electrical Mechanical engineers. He cited the example of Amity University in this regard.




Dr. Abhijit Das, Assistant Controller of Patents & designs, Biotechnology group, Patent office Kolkata spoke on the aspect patentability in the field of Biotechnology. He spoke of the various arenas of Biotechnology where patents have been filed in India mainly in the area of stem cells, Tissue culture of animals of plants, pharmaceuticals, vaccines to name a few. He also highlighted on the Budapest treaty in this regard and creation of depository authority of patents.

Mr. Shantanu Guchhait, Partner/Advocate (IPR) in Lexmotion spoke on trademarks and the mode of protection and also the remedies applicable in case of infringement. He also highlighted on other aspects like copyrights, industrial design and geographical indication and the various issues and challenges faced by the litigants in India

Mr. Kausik Bag, Examiner of Patent and designs focused on the techno legal approach of patents examination and also gave the audience an insight of practical applications of filing of patents.

The session ended with a question answer session from the audience.

Some Glimpses of the events are given below:

		
Plant watering ceremony by Dr. W. Selvamurthy	Plant watering ceremony by the Senior Director	Introductory address by our Hon'ble Vice Chancellor



Felicitation of Dr. Selvamurthy by the Senior Director



Felicitation of Prof. Niyogi by the Director-ASET, AIIT, AIAS, AIES



Felicitation of Dr. Arup Roy Chowdhury by the Assistant Vice President



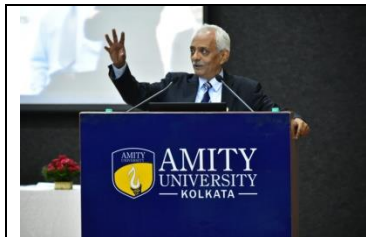
Introduction of the speakers by Prof. Rama Ranjan Bhattacharjee, organizing secretary for the event



The workshop in progress



Dr. Arup Roy Chowdhury delivering a lecture



Dr. Selvamurthy giving his presentation



The presentation in progress



The technical session in progress



Speakers of the technical session



Dr. Amitava Chakraborty



Dr. Nilanjan Deb delivering his

	delivering his lecture	lecture in the technical session
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Our Hon'ble Vice Chancellor felicitating Dr. Nilanjan Deb



Our advisor, legal department felicitating Mr. Kaushik Nag



Our Hon'ble Vice Chancellor felicitating Dr. Amitava Chakraborty

Student feedback on the technical sessions Q & As

① Sir kindly highlight the controversy regarding Section 3(d) of the Patent Act as amended in 2005 - speaker 3: for Dr. Nilanjan Deb

② How to convert your idea into reality? or make it (for Nilanjan Dr. Deb)

Dr. Amitava Chakraborty
 - Invention vs. Discoveries
 - Method of treatment of human beings and animals
 Questions
 ① Although chemical are biological all used for human beings or treatment of animals. And Pharmacological inventions are patentable. Isn't that contradictory?

① Sir kindly highlight the stance that India has taken on CRISPR-CAS9 process, which has been hailed as a revolutionary gene-editing technology.

② Also Sir, the law governing the use of Service mark

1) Patents as mentioned - "It is a territorial right"
 Indian students approach foreign innovators or researchers for collaborations and ideations?

2) Can patents be granted for projects that has high environmental impacts although + but its improvisation and advancement in existing software/idea? (from technical perspective).
 (Dr. Nilanjan Deb)

3) How to convert your idea to into reality?

Questions:
 Dr. Amitava Chakraborty:
 ① If making of human beings is not permissible under patent law, will this also apply to cloning too?

To 1st speaker:
 Sir,
 I have come across that all countries are trying to move from product patent to process patent. Process patent, I understand Sir, is intangible but Sir I request you to throw more light on product patent.

92
 Sir,
 Trade Mark is renewable as it has been mentioned in the slide but Sir, can patent or design be renewed in any circumstance?

93. What you felt about Compulsory Licenses, why most of international pharmaceutical companies criticize Indian Compulsory Licenses Do you...

PROGRAM SCHEDULE

Workshop on Intellectual Property Rights (IPR)

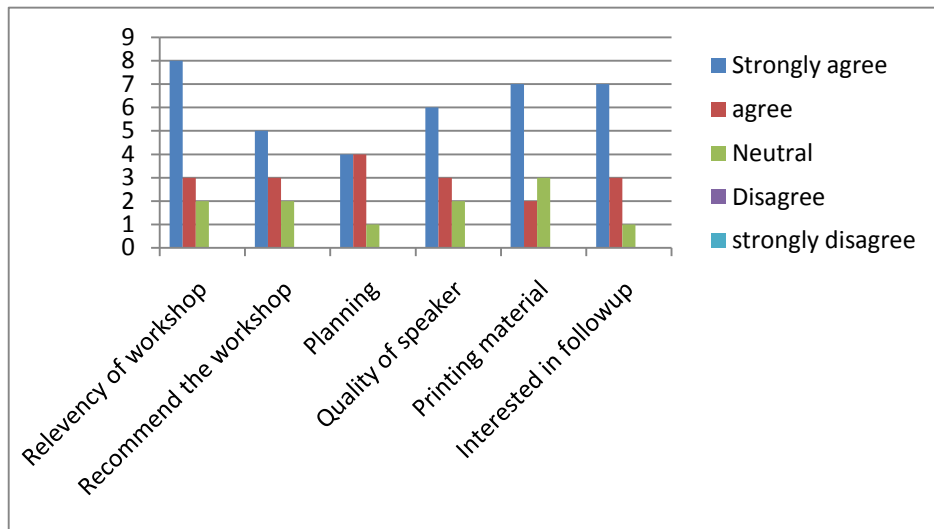
(3rd November, 2017)

Venue: Amity University Kolkata, Seminar Hall

All should be seated by 9:30 AM for Inaugural Session		
9:30 AM	Felicitation of Guests	
9:35 AM	Saraswati Vandana	
9:40 AM	Welcome address by <i>Prof. Dhrubajyoti Chattopadhyay</i> , Vice Chancellor, Amity University Kolkata (AUK)	
9:45 AM	Introduction by <i>Dr. Rama R Bhattacharjee</i> , Organizing Secretary, AUK	
9:50 AM	Special remarks by <i>Mr. U. Ramchandran</i> , Senior Vice President, Amity University	
10.00 AM	About the workshop by <i>Prof. Shyamalendu Niyogi</i> , NRDC-Amity Innovation Facilitation Centre	
10.10 AM	Address by <i>Dr. W Selvamurthy</i> -President, Amity Science Technology and Innovation Foundation	
10.20 AM	Keynote Address by <i>Dr. Arup Roy Chowdhury</i> , Chief Commissioner of the West Bengal Right to Public Service Commission, Ex. CMD NTPC Ltd. Topic: Innovation & IPR: National policies on IPR issues	
10.50 AM	Vote of Thanks by <i>Dr. Ayan RoyChauduri</i>	
10.55 AM	Tea	
Technical Session 1 <i>Chair:</i> Dr. Arup Roy Chowdhury Chief Commissioner of the West Bengal Right to Public Service Commission, Ex. CMD NTPC Ltd.		
<i>IPR related to academia</i>		
Time (start)	Topic	Speaker
11.30 AM	Basic Definition of Patent: Patentability factors & Associated Patent Acts & Rules	<i>Dr. Amitava Chakraborty (former HO, Indian Patent Office, Kolkata)</i>
12:00 AM	How to become creative, how to be an inventor	<i>Dr. Nilanjan Deb, Associate Professor, Department of Agronomy Head Department of Seed Science and Technology Calcutta University</i>
12:30 PM	Prosecution of Patent in Office : FER & Hearing	<i>Mr. Biswajit Sarkar (Advocate-IP)</i>
Networking Lunch Break: 1:00 PM		
Technical Session 2 <i>Chair:</i> Dr. Nilanjan Deb Associate Professor, Department of Agronomy Head Department of Seed Science and Technology, Calcutta University		
<i>IPR related to Industry-academia interactions</i>		
2:00 PM	Impact of IP in Industry-Academia collaboration	<i>Dr. Arup Ghosh (Sabic)</i>

2:30 PM	Biotechnology: What is patentable	Dr Abhijit Das , Assistant Controller of Patents & Designs, Biotechnology Group, Patent Office Kolkata
3:00 PM	Protection of Trademark, Copyright, Industrial Design and Geographical Indication-Issues and Challenges	Mr. Shantanu Guchhait (<i>Lexmotio</i>) Partner/Advocate (IPR)
3:30 PM	Searching for Prior Arts : The Techno-legal Approach of Patent Examiners	Mr. Kausik Bag (<i>Examiner of Patent and Design, Indian Patent Office, Kolkata</i>)
4:00 PM	Valedictory	

Feedback:



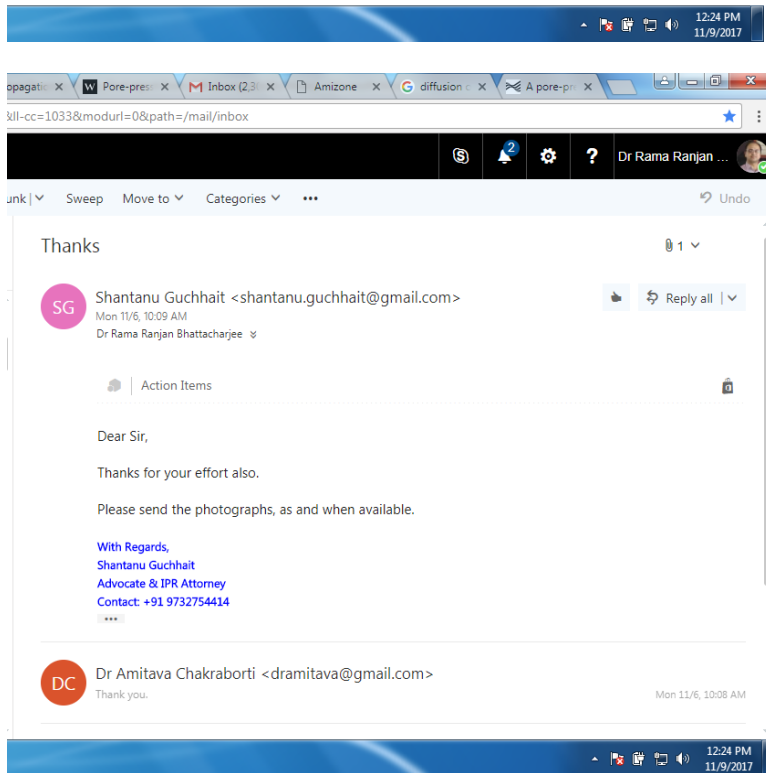
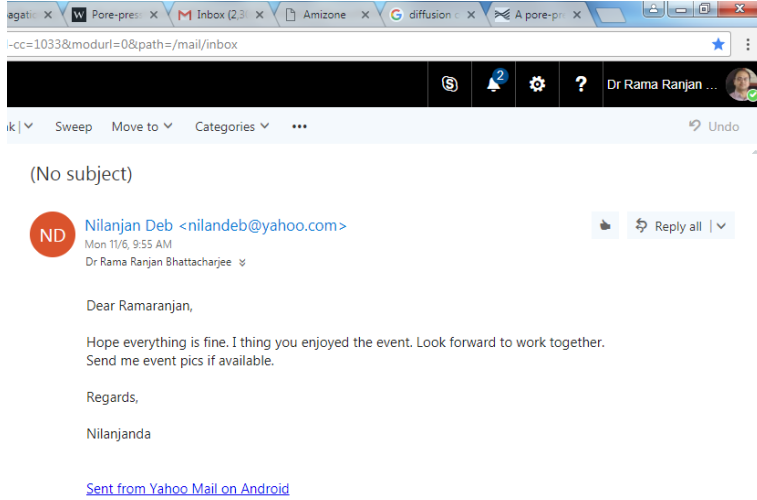
Attendance sheet:

Sl	Name	Designation	School/Institute	Signature
1	Suman Das	Asst Prof (IIT)	KCET - MAE	
2	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT	
3	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT	
4	Rishabh Bhattacharya	Asst Prof (IIT)	ASCT - MAE	
5	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
6	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
7	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
8	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
9	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
10	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
11	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
12	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
13	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
14	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
15	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
16	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
17	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
18	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
19	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
20	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
21	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
22	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
23	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	

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1	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
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15	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
16	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
17	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
18	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
19	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
20	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
21	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
22	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	
23	Dr. Soumitra Ghosh	Asst Prof (IIT)	ASCT - MAE	

Outcome of the seminar:

Feedback from speakers



The screenshot shows the Outlook web interface. The left sidebar displays a list of folders under 'All results', with the selected folder containing several emails from Biswajit Sarkar. The main pane shows an email titled 'Heartiest Thanks' from Biswajit Sarkar <mail@biswajitsarkar.com> to Dr Rama Ranjan Bhattacharjee, dated Monday, November 6, 9:01 PM. The email content includes a message about high importance, an action item, and a sincere thank you from Suman Bhaduri, Admin - Head, with a signature for Biswajit Sarkar, Advocates - IP Attorneys.

Feedback from Faculty:

11/11/2017

Gmail - Fw: THANKS FOR CONDUCTING SUCH AN INFORMATIVE EVENT



rama ranjan bhattacharjee <ramaranjanb89@gmail.com>

Fw: THANKS FOR CONDUCTING SUCH AN INFORMATIVE EVENT

1 message

Shambhu Prasad Chakrabarty <spchakrabarty@kol.amity.edu>
To: "ramaranjanb89@gmail.com" <ramaranjanb89@gmail.com>

Fri, Nov 10, 2017 at 5:42 PM

From: Shambhu Prasad Chakrabarty
Sent: 09 November 2017 17:47:37
To: Dr Rama Ranjan Bhattacharjee
Cc: Dr Manik Chakrabarty
Subject: THANKS FOR CONDUCTING SUCH AN INFORMATIVE EVENT

Dear Sir,

Please accept my gratitude for putting up the efforts for conducting such an informative and interactive session on Intellectual Property Rights. The eminent personalities invited and the students had a great interactive session which was according to me the brightest part of the event.

I look forward to such interesting and effective events in the days to come.

Thanks and Regards.

Dr Shambhu Prasad Chakrabarty

Assistant Professor, Amity Law School Kolkata

Specific points:

- 1. Speakers from the Law firms interacted with Faculties from Law school and promised to recruit students for internship and job options.**
- 2. Dr. Arup Ghosh from Sabic visited the research labs and was impressed on the initiatives taken for R&D at AUK. He also promised to provide a positive feedback on the infrastructural facilities for research at AUK to his higher authorities and will plan to have collaborative research program and student visits.**