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   - High Court
   - WBNUJS
   - South 24 parganas

2. Talk on Research and Development Activities

3. Interaction with Prof. N.L. Mitra

4. Faculty Development Programme

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The Centre for Regulatory Studies, Governance and Public Policy (CRSGPP), WBNUJS supported by the Government of West Bengal promotes excellence in research activities and innovation. CRSGPP is actively involved in legal and public policy oriented research through theoretical and empirical data analysis. Through various programmes, surveys, national and international conferences and seminars CRSGPP aims at the development of research and renders its input to the academic and research world. Recently, CRSGPP is striving towards the success of an upcoming international conference on ‘Climate Change: Impact, Management, Law and Policy Formulation’ which is going to be organised in collaboration with Techno India University in January’ 2020. As an enthusiastic research team, CRSGPP recently collaborated with National Association to Stop Counterfeiting and Piracy (NASCAP) and MHRD IP Chair in the organisation of a National Workshop on Protection of Brands & IP: Fight against Duplicates and Piracy. CRSGPP envisions a futuristic aim concerning the immediate needs of the society and the world. Through diverse upcoming as well as ongoing projects. I hope CRSGPP and its activities enlighten the legal fraternity, policy makers and the society.
There is a reason for every action. And the reason for the functioning of CRSGPP is to mobilize the research and developmental activities within the Centre to have an impact outside. The centre through its cutting edge research focuses to make a difference in the lives of individuals in one way or another.

the Centre has taken up the most important challenge humans are facing today, Global Warming. Calcutta is warmer by approximately ten degrees since the last century and has become one of the most polluted cities of the world. NUJS is in the heart of the city when it comes to legal education and it is important that the university plays its part to resurrect the environmental condition in a very systematic way by formulating the right policy and pushing the implementation of such policy in the execution level.

To enrich the researchers, the Centre is focused to bring in the best in the business to fine tune the youth and regulate them for the much needed social change beyond books.
RESEARCH ACTIVITIES

Inauguration of Project Carbon Mapping

Prof. (Dr.) Abhijit Mitra, and Dr. Sufia Zaman addressing the gathering

By Somabha Bandopadhay
Research Assistant

The 13th November 2019 marked the inauguration of the project Carbon Mapping on the WBNUJS campus with collaboration of Techno India University, Kolkata (TIU). In the presence of the Hon’ble Vice-Chancellor, Prof. Dr. N.K. Chakrabarti, the Registrar Ms. Sikha Sen, Dr. Abhijit Mitra and Dr. Sufia Zaman, the project was inaugurated by watering the plant as a mark of conservation of Mother Nature and setting the tune for the project. The Hon’ble Registrar appreciated the efforts of the Centre for Regulatory Studies, Governance and Public Policy in initiating a research of this kind which seems quintessential in the present state of nature. The Hon’ble Vice-Chancellor congratulated CRSGPP for conceptualizing the project on Carbon Mapping and laid down a provisional roadmap that shall pave its way to success.

After the introductory addresses, Dr. Sufia Zaman, HOD, Department of Oceanography, TIU explained in depth on the methodology to be followed in conducting the research. She also pointed out the technical methods to be implemented by the scientists, architects and technicians of her team who are well-experienced with this work and how at various levels the Centre and the University would require to contribute in this research. She urged for participation by members of staff, administration, students and media whole-heartedly in order to ensure accomplishment of the project. The session’s keynote speaker, Dr. Abhijit Mitra, Director, Research (TIU) and Member of Advisor enlightened the audience with succinct presentation, lucidly explaining on how nature is at crossroad between survival and development. He helped the audience to realise the unrestricted abuse of environment has lead to adverse climatic change and has reached a precarious height and demands redressal micro level as well. He further illustrated briefly the anticipated impact of the project and the methodology to be applied to ascertain the amount of carbon the trees and on campus can absorb and the amount of oxygen such trees can emit in this organic process of photosynthesis. In short, the project would help us to assess the state of carbon mapping and ascertain the species of trees which are most efficient in terms of acting as carbon sink. At the end of his presentation, he outlined the tentative work schedule and hoped to complete the same by March 2020. The presentation by Dr. Mitra was followed by a short interactive discussion which provided further clarity towards the project and its importance. Finally, the vote of thanks by Dr. S.P. Chakrabarty gave a cumulative understanding of the role that the Centre shall take in taking this project to greater heights. The inaugural ceremony was effective and worthwhile that gave clarity about the project and its implementation. The team of CRSGPP, NUJS along with the gardeners at NUJS look forward to commencing the project with aid and guidance from Dr. Abhijit Mitra and Dr. Sufia Zaman.
Talk on Research and Development Activities

By Sanghmitra Baladhikari
Research Assistant

On 7th November, 2019 Mr. Sunil Gangwani is the Secretary, Research Advisory Council at Pandit Deendayal Petroleum University. He graced the Centre for Regulatory Studies, Governance and Public Policy, WBNUJS, Kolkata with his esteemed presence and delivered an insightful lecture on the research and its impact in the academic world. According to him, research can bring about a change in the present scenario and form a better future. Mr. Sunil Gangwani introduced his talk with the idea of ‘Research and Development Activities’. He focused on the vision of legal research including National Development, Societal Impact and preparing Youth for tomorrow through advocacy, legal service and law reforms and disseminated the importance of innovative methods in the field of legal education to prepare students not only towards leadership roles but also for their social roles.

In his insight into the legal research and studies in the academic world and at WBNUJS, he highlighted the internationally renowned and respected institutions which develop research through no of publications, quality of publication, research volume and its influence. He stated that the Research centres revolves around three key activities. They are:

- Volume of Research: This includes Conference, Presentations, IPR filing, Student Research Programs, Consultancy & Testing, Online courses, etc.
- Income from Research: This includes activities such as Consultancy & Testing Projects, Advocacy Policy Advisory to Government & Govt. Agencies, Open Sessions Paid on the basis of Research Outcome and Subscription Income including Research/Library Facilities access to nearby institutions.
- Reputation by Research: Lastly, the reputation of the institution is developed through Citations, Bilateral/Multilateral Funded Collaborative Research Project, Collaborative Research Publication, etc.

While concluding, he focused on the Support System for Research and Development at Pandit Deendayal Petroleum University which includes:

- Research Information Management System
- Integrated Planning and Budget

Mr. Sunil Gangwani’s ideas into Research and Research Methodology were creative, innovative and highly extensive, paving a new way for the researchers to think and analyse.
Interaction with Prof. N.L. Mitra

Interaction with CRSGPP members

By Abhijeet Nandy
Research Assistant

A meeting with Prof N.L. Mitra was organised at the CRSGPP on the 4th of November 2019. At the very outset Prof. Mitra put forward the aims and objectives of the Centre which involves passionate research and evolution of a proposal that will give a map of how it will be executed, conduction of applied research, which, according to him, was the only way of performing an effective research and to organize and accumulate funds from various funding agencies (both national and international) without which the Centre cannot run. He explained how it is the curiosity and the hunger of knowledge and problem solving that drives a good research. He, further, pointed out the effectiveness of dividing the issue (research area) into smaller and feasible questions in order to have an effective research, a method designed by Prof. Abhijit Vinayak Banerjee.

He stressed on another critical aspect of research i.e. identifying the potential funding agencies. He suggested of linking CRSGPP with Harvard Institute of International Development that receives regular funds from the World Bank and International Monetary Fund and various Centers of Cornell University. During the interaction, Dr. S.P. Chakrabarty presented the draft Journal of the Centre, which, Prof. Mitra happily consented for being in the Advisory Board. Dr. S.P. Chakrabarty also requested him to contribute a short article for the upcoming project to which he agreed. While briefing about the ongoing projects projects which are being run by centre, special attention was given on the carbon mapping project, after a brief discussion on the project it was realised that we should also consider other locations like High Court, Raj Bhavan as that would lead a comparative study on the project, which will add further value to the project.

While discussing of future projects Dr. Mitra illustrated and suggested that how conflict of interest can be an interesting topic, especially in the arena of Sports Law by trying to devise a law for dispute resolution between players and the Boards of each Sport like Football, Cricket and others. Dr. S.P. Chakrabarty then advocated Fashion law as another area of research which was agreed by Prof. Mitra. He further opined of organizing an In-house orientation of the faculty with the idea of publish and prosper or publish and perish at the Centre. And lastly he suggested for organizing workshops and gave us the liberty to approach him.

Prof. Mitra shedding some light on the various organizations like National Labour Institution that we could take into consideration for funding and other assistance. The interaction concluded with Prof. Mitra enlightening the team with some interesting insights on Marxism and Leninism.

Faculty Development Programme

By Vijoy Kumar Sinha
Research Assistant

One Week (29/11/2019 to 04/12/2019) Faculty Development Programme on Teaching and Research in Law was organised on Campus which was supported by CRSGPP. Prof. (Dr.) N.K. Chakrabarti delivered a lecture on how the research should be conducted. Prof. N.L. Mitra discussed about the law curriculum with the faculties of WBNUJS and other reputed legal luminaries like Prof. M.K. Ramesh and Prof. Indrajit Dube, delivered lectures on how development of law faculties could be undertaken.
On the 3rd of December, 2019 Dr. Abhijit Mitra (Director, Research – Techno India University) and Dr. Sufia Zaman (Head, Department of Oceanography, Techno India University) along with their Research scholars of Techno India University and the members of CRSGPP conducted the second session of carbon mapping under the ongoing project titled ‘Study on Carbon Sequestration & Oxygen Generation Potential of Common Tree Species in the WBNUJS & Few Sites in & around the City of Kolkata’ around the High Court Area campus. The study site was divided into three segments. The first segment was the Main Building of Calcutta High Court Area. The second segment was the Surya Sen Garden area and the third one was the Roadside along the Centenary Building of the Calcutta High Court.

While inspecting the Main Building of Calcutta High Court Area a variety of trees were selected for sampling which included Debdaro, Palm, Jhau, Kadamba, Chhatim, Jackfruit, Mahogany etc. Under the guidance of Prof. Mitra, the height and girth of various trees was measured. The research scholars then measured the amount of carbon dioxide that was present around that area. The pH of the soil was also measured to find out that whether the soil was acidic, basic or neutral in nature. Similar activities were conducted in all the three above mentioned segments but the range of species of the trees varied from one segment to the other. In the second segment, at the Surya Sen Garden Area, samples were collected from banana and mango tree while from the third segment (near the Centenary Building) Cotton tree, Banyan tree and Chhatim tree was used. This gave us the opportunity to examine the general species of plants and prepare a comprehensive report.

The pH scale of the soil at the Calcutta High Court Area varied from 5.5 to 5.8 which indicate that the soil condition in those areas was highly acidic. At two of the three quadrants (Main Building & the Surya Sen Garden) the pH of the soil was 5.5. While on the other hand the pH scale of the soil near the Centenary Building was 5.8.

The average carbon dioxide levels in the atmosphere in the three areas also differed. While at the Main Building it was 477ppm (parts per million), in the Surya Sen Garden area it was 360ppm while near the Centenary Building it was 485 ppm which was way above the permissible limit which ranges from 350 to 375 ppm.

**By Sanghamitra Baladhikari  
Research Assistant**

**By Somabha Bandopadhay  
Research Assistant**

The Telecom Regulatory Authority of India (TRAI), Government of India has issued a Consultation Paper on "Transparency in Publishing of Tariff Offers" on 27.11.2019 with the intent and objective of exploring and introducing additional consumer protection measures in the regulatory framework to enhance transparency in communicating tariff information from the Telecom Service Providers to consumers. Some of the initiatives proposed include mandating provision of cot calculators, compulsory mention of unique id of tariffs launched and marketed by service providers to bridge the gap between tariffs reported and published, format of display of tariff on websites, apps, etc. The Centre was directed by the Vice-Chancellor to draft a consultation paper for TRAI on this new policy. The Centre addressed the queries raised by TRAI furthermore the Centre also.
Field Study at WBNUJS for project of carbon sequestration and oxygen generation potential of common tree

Field study at WBNUJS extended campus

By Abhijeet Nandy
Research Assistant

On 15th November 2019 Prof. Abhijit Mitra and Dr. Sufia Zaman along with the CRSGPP team conducting a field study at WBNUJS for carbon footprint at WBNUJS campus.

To measure the carbon footprint they divided the area into ten quadrants, each measuring ten sq meters. At first, the research team went to the WBNUJS extension campus which is located at the eastern side of the main campus [1](22.3341°N, 88.2436° E). Under the guidance of Prof. Mitra, we measured the height and girth of various trees that were present there like banyan, mango, banana, drumstick etc. Then the research team took a small sample from each tree for biomass estimation. The research team also measured the pH scale of the soil and also measured the amount of carbon dioxide that was present in the air around that quadrant. The exercise was deeply assisted by a GPS tracker which was being carried by Dr. Mitra, the instrument helped in getting the exact coordinates of the trees that were selected for sampling.

After taking samples from three quadrants the research team returned to the main campus the research team completed the sampling of the remaining seven quadrants. From there they again took samples from trees like Simul, Guava, Rubber, Kadam, Areca Palm, Bamboo, Jam, Jackfruit etc., measured the pH of the soil and the amount of carbon dioxide present in the air. Prof Mitra also showed the members of CRSGPP how to use the various gadgets that he was carrying particularly for measuring the length of the trees, the pH of the soil and the GPS tracker. This helped them further to actively participate in the sampling process. At around 5 pm the collection of the samples was completed and the research team all returned to the Centre where a small arrangement for their refreshment was made.

While discussing the finding of the field exercise and data it was reported that the pH scale of the soil in the WBNUJS extension campus was less than 7 which indicates that the soil conditions in those area is highly acidic. At two of the three quadrants in that area the pH of the soil was 5.6 and 4.2. While on the other hand the pH scale of the soil in the WBNUJS main campus was mostly neutral. The ranges were mostly between 6.9 and 7 except for one quadrant where it was 6.1 (acidic).

The carbon dioxide present in the atmosphere in the two areas also differed. While at the extension campus it was 341 ppm (parts per million), in the main campus it increased to 436 ppm. And at one of the quadrant it jumped to 736-737 ppm primarily because there was an Air Conditioner running in that area. Besides this the length and breadth of all the varieties of trees from all the 10 quadrants were duly noted down.
Workshop of Protection of Brands & IP: The Fight against Duplicates

By Rima Ghosh
Research Assistant

On 13th of December 2019 NASCAP, IP Chair Prof, WBNUJS & CRSGPP, WBNUJS conducted a one day workshop as a step towards fighting against counterfeiting and piracy. The inauguration was graced by Dr Guriqbal Singh Jaiya (Director-Advisor, WIPO), Hon'ble Justice Ashim Kumar Roy (Lokyukta of West Bengal), Moloy Ghatak (Minister in charge of the Judicial and Law Department), Prof. N.K Chakrabarti (Vice chancellor of WBNUJS), Mr. Debasis Ghosh (Department of West Bengal, Ministry of Housing) and Mr. Sandip Kumar Roy Choudhury (Law Secretary, Govt. of West Bengal). During the inaugural ceremony the Hon'ble speakers highlighted the significance of IP Brands and Duplication and Counterfeit. They specifically stressed upon the contemporary relevance of the theme of the workshop.

In the first technical session, Dr. Mahua Hom Chaudhary (Patent Information Centre, West Bengal State council of Science and Technology), highlighted the work that was completed and future projected work by the Patent Information Centre of West Bengal. Dr Shambhu Prasad Chakrabarty, Head & Research Fellow at Centre for Regulatory Studies Governance and Public Policy at WBNUJS, Kolkata mentioned about the Traditional Knowledge and stated that emphasis should be given to “Sui Generis” legislation in India. Mr. S.K Mitra, former Deputy Controller of Patent and Trademark office, Kolkata observed that enforcement mechanism for IP infringement is considerably weak in India. Dr. Jayanta Ghosh (Research Fellow, CRSGPP, WBNUJS) categorically mentioned with statistics of counterfeiting and piracy of the brands. He focused on various locations where the counterfeiting products available and shared specific solution to curb the duplication. In his view the counterfeiting and duplication maybe restraint while controlling excessive cost of the branded products.

In second technical session, the discussion was put forward about Indian Film Industry. Mr. Supran Sen, Secretary General, Film Federation of India and Chairperson Media & Entertainment, NASCAP was the moderator of the session and the panel was graced by Mr. Arijit Dutta (Managing Director, Priya Entertainment Pvt. Ltd). Mr. Dutta gave a comparative analysis about the yesteryear’s films production and the present film production and culture associated with it.

He further elucidated, that the theatre system will never die, irrespective of the technological advancement. The next panelist, Mr. Himanshu Dhanuka (Director, Eksay Video Pvt. Ltd.) mentioned about the Indian cinema industry business structure and how it is shifting from quality to quantity. Mrs. Ratnottama Sengupta (Senior Film Critic & Curator, Film Festival) discussed about the copyright violation from pre-independence era.

In the third technical session, Mr. N. Mohan (Founder & CEO, LEO Corporate Consulting, UAE) discussed about the brands protection in the electronic industry and awareness to use the branded product. The next panelist Mr. Raj Kumar Panicker (GM, Legrand & lead IEE MA), mentioned on how counterfeit products adversely affects human life.

In the last Panel Mr Kamanashis Sen (IPS, Additional SP, Rural, Hooghly) shared the overview of Intellectual Property Law, and his experience about counterfeiting products under his jurisdiction. Mr. Peeyush Pandey (IPS ADG, SCR, West Bengal) mentioned about different enforcement system of countering the duplicate products. He emphasized on e-commerce platform counterfeit products which are dangerous in nature. He further discussed upon the link between e-commerce and trade in counterfeit product and the potential danger it poses.

The workshop concluded with the vote of thanks delivered by Dr. Pinaki Ghosh, MHRD IP Chair, thanks to the Vice-Chancellor, WBNUJS, CRSGPP Team, Students team and other helping hands who helps to organize this event.

CRSGPP NEWSLETTER | 08
The CRSGPP teamed up with few local residents of Paschim Medinipur district to collect data for projects (Government Social Welfare Schemes and Traditional Knowledge) from different villages of the Paschim Medinipur district. In order to narrow down their research arena they specifically concentrated on Lodha community who were residing there for many centuries. While collecting data it has been found out that the majority of the villagers are staying in unhealthy and deplorable conditions. Almost none of the houses have toilet facilities nor any electricity. Most of the people are staying in huts and some of them are in pucca houses which is provided by the Government Housing projects (Geetanjali Scheme/ BCW).

The lodhas are mostly agricultural people for which they have to leave their houses early in the morning and return in evening. A handful of people have their own land where they cultivate crops seasonally otherwise they work as labour, work as mason in big cities, sell handicraft products like baskets. The lodhas, especially the women, goes to the forest to collect various items like wood, creepers, different types of leaves and plants (some of which are used as food or for their medicinal properties). They keep some for their own consumption and sell the rest in the market.

The literacy rate among lodhas is very poor but ICDS is quite popular. Every village has one ICDS centre where they are provided meals. The primary schools also work well but the number of students is very low. Regarding medical services, all the villages have health centre where basic treatment is provided. Besides this, the employees of ASHA do regular visits and immunizes child and pregnant women. Almost every family has Ration Card (AAY/BPL), Health Insurance Card (RSBY/ Swasthya Sathi), Job card. Some of them have kuccha house which is provided under Indira Awas Yojna but they are not in a good condition. Most of the villages have Self Help Groups but some of the groups are broken due to lack of cooperation among the members.

A few villages including Choukapathra, a tribal community namely Mahali (Jhargram District), production of handicrafts is one of the chief occupations. Some of them make baskets and winnowing fans of various sizes with strips of bamboo.

The price of each bamboo ranges from Rs.80 to Rs.250 depending upon the size and girth. From each bamboo they can make 8 to 10 such baskets at least and sells them at Rs.20 to Rs.30. It takes around 2 to 3 days to make one basket. This has been their traditional occupation for six generations. Besides these, some are also engaged in making clay dolls of various shapes and sizes. They also make plates and bowls of sal leaves and brooms.

These communities represent the traditional and cultural heritage of not only Bengal but also a country. It is therefore, significant that the research community envision a goal for protecting the knowledge, expressions and well being of the tribal communities like the Lodhas.
CRSGPP is located at Room No. 22, West Bengal National University of Juridical Sciences (WBNUJS), Kolkata. WBNUJS is situated in the eastern part of the city of Kolkata at 12 L B Block, Sector III, Salt Lake City. The university is well connected by air, by roads and by rail (through five major railways stations, viz., Howrah, Sealdah, Kolkata, Shalimar and Santragachi). It is about 14 kms from Netaji Subhas Chandra Bose International Airport. Almost all buses, public and private, connecting the Eastern Metropolitan Bypass and the centre of the city run through the bus stop located near WBNUJS. Taxis and hire vehicles are also available to and from the university almost 24 hours a day. The distance from the university to Howrah station is about 11 kms, to Sealdah station it is about five kms, to Kolkata it is about eight kms, to Shalimar it is about 16kms and to Santragachi it is about 19 kms. Placed in the prime area of Kolkata, the university may be accessed through various modes of transport within a reasonable time. It is at a walkable distance from the Salt Lake Stadium and is positioned just opposite (from the western side of the university) to the National Institute of Fashion Technology, Kolkata. The university is adjacent to (from the eastern side) the All India Council of Technical Education and the Government College of Engineering and Leather Technology.

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<th>SL. No.</th>
<th>Name of the Event</th>
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<td></td>
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<td>(outside campus)</td>
<td>Bandhopadhay &amp; Prantik Roy</td>
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<td>2.</td>
<td>Adivasi Loksanskriti Utsav</td>
<td>Seminar</td>
<td>Rima Ghosh &amp; Prantik Roy</td>
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Locate Us

CRSGPP Contact Details
Centre for Regulatory Studies, Governance and Public Policy
Room No. 22, WBNUJS, Dr. Ambedkar Bhavan, 12, LB Block, Sector III, Salt Lake City, Kolkata 700098
Telephone: (+91) 33 2335 7379 Ext: 7210, Email: crsgpp@nujs.edu
Website: www.crsgpp.nujs.edu

Our Team

Prof. (Dr.) N.K. Chakrabarti, Vice Chancellor, WBNUJS
Dr. Shambhu Prasad Chakrabarty, Head and Research Fellow, CRSGPP
Dr. Jayanta Ghosh, Research Fellow
Dr. Santanu Panda, Research Associate
Mr. Souvik Mukherjee, Research Associate

Ms. Somabha Bandhopadhay, Research Assistant
Ms. Rima Ghosh, Research Assistant
Ms. Sanghamitra Baladhikari, Research Assistant
Mr. Prantik Roy, Research Assistant
Mr. Vijay Kumar Sinha, Research Assistant
Mr. Abhijeet Nandy, Research Assistant

CRSGPP's Newsletter is Published by:
Dr. Shambhu Prasad Chakrabarty

Designed by: Somabha Bandopadhy
Pic. courtesy: Abhijeet Nandy
Vijoy Kumar Sinha