

### International conference of Biotechnology

# A Paradigm Shift in Health and Agriculture



**AU News Desk:** Biotechnology is a fascinating field of biology, which bridges all realms of life sciences and technology. Keeping this in mind, the School of

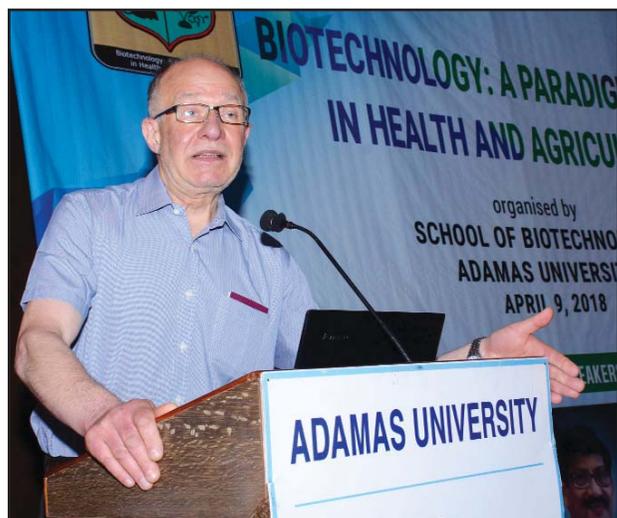
the Chancellor Prof. N. L. Mitra, and all respected advisory committee members for making the conference a big success.

Modern Biotechnology has

experiences discussed research findings and acquired the desired knowledge for the practical exercise.

We were privileged of having many national and internationally renowned scientists like Prof. Peter Walden (Charité - Universitätsmedizin Berlin, Germany), Prof. Andras Koris (Szent Istvan University, Hungary), Prof. Soumen Bhattacharjee (University of Burdwan), Prof. U. B. Mohapatra (Director of Biotechnology, Govt. of Odisha), Prof. S. K. Bardhan Roy (Krishi Rasyan Pvt. Ltd.), Prof. Chanchal Dasgupta, Prof. Syamal Roy, and others with us in the conference.

In addition, there was a poster session by students and faculties from Adamas University as well as from other reputed Institutions like Burdwan University, Jadavpur University, Bidhan Chandra Krishi Viswavidyalaya. This event was greatly noticeable where all organizing committee members, as well as scientists, appreciated this effort a lot.



Biotechnology, Adamas University organized an international conference on 9th April 2018 on a theme entitled "Biotechnology: A Paradigm Shift in Health and Agriculture". All members of the organizing committee hence expressed their gratitude to respected Chancellor Prof. Samit Ray, Vice-Chancellor Prof. Madhusudan Chakraborty, Pro-Vice Chancellor Prof. Arun K. Majumdar, Advisor to

advanced rapidly and has emerged as a potential science for providing benefits to all the aspects of human welfare.

It has a great impact in almost all the domains of human life, may it be health, environment, food or agriculture. The conference turned out to be a great platform indeed for researchers, scientists, academicians, and industry experts where they shared



## Three-day National Workshop

# Geospatial Data Analysis Using Open Source Software

**AU News Desk:** The Department of Geography in the School of Science organised for the first time a Three-day National Workshop on

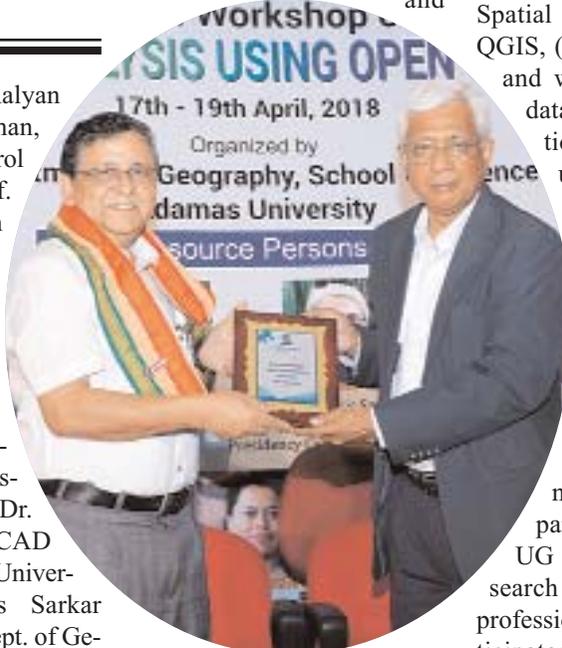
started with technical sessions where popular lecture on application of remote sensing and GIS in various disciplines were delivered by eminent

ography, Presidency College/University). The hands-on training programme was conducted in training sessions by various experts like Dr. Basudeb Bhatta and Mr. Biswajit Giri(CAD and CSE, Jadavpur University), Mr. Surajit Ghosh (NIT-Durgapur), Dr. Priyank P. Patel, (Dept. of Geography, Presidency University), Dr. Abira Dutta Roy (Dept. of Geography, B. Z. S. Mahila Mahavidyapith, Bankura) and Dr. Rajib Sarkar (Dept. of Geography, Adamas University). The training was conducted in two parallel sessions for 'Beginners' and 'Advanced' learners focusing on application of open source software like QGIS, Python, R in raster and vector data processing and

The major topics covered in the training programme included: (1) Spatial data analysis using QGIS, (2) Vector processing and web GIS, (3) Raster data conversion, extraction and manipulation using Python, (4) Statistical analysis and visualization using R, (5) Land change modeling in Q-GIS, (6) DEM creation and operation, and (7) Data acquisition sources and techniques.

“Geospatial Data Analysis Using Open Source Software” at Adamas University, Adamas Knowledge City on 17th – 19th April 2018. The programme was inaugurated in the morning session on 17th April by the Honourable Vice Chancellor, Prof. Madhusudan Chakraborty in the presence of the Pro-Vice Chancellor, Prof. Arun K. Majumdar, the Dean of Science, Prof. Sanjib Ghosh and the Dean of Biotechnology, Prof. Asok Mukherjee, and honoured guests. The programme in all the three days

speakers like Dr. Kalyan Rudra (Chairman, W.B.Pollution Control Board), Prof. Soumya K. Ghosh (CSC, IIT – Kharagpur), Prof. Milap Punia (CSR, Jawaharlal Nehru University), Dr. Ajay Mondal (Scientist-F, Regional Remote Sensing Center-East), Dr. Basudeb Bhatta (CAD and CSE, Jadavpur University), Prof. Ashis Sarkar (Retd. Professor, Dept. of Ge-



visualization. The major topics covered in the training programme included: (1) Spatial data analysis using QGIS, (2) Vector processing and web GIS, (3) Raster data conversion, extraction and manipulation using Python, (4) Statistical analysis and visualization using R, (5) Land change modeling in Q-GIS, (6) DEM creation and operation, and (7) Data acquisition sources and techniques. Around 130 participants including UG & PG students, research scholars, teachers, professionals and others participated in the training pro-

gramme. The participants came from more than 40 institutes/organizations like, University of Calcutta, Vidyasagar University, University of Gour Banga, Aliah University, Raiganj University, North Eastern Hill University, Jadavpur University, NIT Durgapur, University of Kalyani, University of North Bengal, Pt. Ravishankar Shukla University, Sidho Kanho Birsha University etc. Overall, the participants expressed their satisfaction and expected more training courses with more time duration. The participants were very pleased with the hospitality and facilities provided by the Department of Geography, Adamas University.



# “Free Access to Justice”-Need help with your legal problems? We can help...!!

**AU News Desk:** It was indeed a very proud moment for the School of Law & Justice, Adamas University while inaugurating the “Legal-Aid & Service Clinic” in presence of Hon’ble Justice Samapti Chatterjee, Judge, Calcutta High Court on 17th April, 2018. Among the other dignitaries gracing the occasion with their enlightened speeches were the Hon’ble Vice-Chancellor, the Hon’ble Pro-Vice Chancellor and the Dean of the School of Law & Justice. With the sole objective of providing free legal aid to the needy and thereby uphold-

ing the Constitutional mandate, this Legal Aid & Service Clinic was opened up at our University in association with the District Legal Services Authority (DLSA), Barasat, North 24 Parganas. While addressing the august gathering, Justice Chatterjee emphasized that in India where half of the population live below the poverty line and where to a large extent the legal need of the poor is unmet, the Law Schools can play a pivotal role to themselves as well as to the community by getting involved in the legal aid programs. She also highlighted in



detail the advantages of Law Schools’ participation in legal aid. She also observed that Law and Justice could no longer remain distant neighbours if increasing deficiencies and distortions of the legal system and challenge to the credibility of judiciary were to be adequately met. On this occasion Shri Ajay Kumar Gupta, (WBHJS), Member Secretary, State Legal Services Authority and Shri Ayan Majumdar, Secretary, DLSA, Barasat discussed in detail the modalities and various programmes in which the School of Law & Justice, AU would be a partner institution. They expressed their willingness to help the institution in this regard.

Vice Chancellor Prof. Madhusudan Chakraborty presided over the function. Prof. B.N. Pandey, Dean welcomed the guests and Ms. Anuleena Bhattacharjee, Convenor extended vote of thanks. Hon’ble Justice Samapti Chatterjee Judge, Calcutta High Court lit the lamp before the Legal Aid Clinic inauguration, accompanied by Shri Ajay Kumar Gupta, (WBHJS), Member Secretary, State Legal Services Authority and Shri Ayan Majumdar, Secretary, DLSA, Barasat, Dr. Madhusudan Chakraborty, VC Adamas University, Dr. B.N. Pandey Dean SOLJ, and the deans of other departments.

## Rights of Women in Contemporary India



(Continued from the previous edition of the Adamas Newsletter of March, 2018)

Post lunch session was chaired by Prof. Justice S.K. Nandy. The first speaker Dr. Dipa Dube highlighted on the gender based violence and in a nutshell made the audience familiar with the existing laws related

to the offences. Dr. Mononita Kundu Das, the second speaker of the session, attracted the crowd with a video presentation of real life incidents where women have been victims of heinous crimes time and again.

Prof. Justice S.K. Nandy and Prof. Justice Tapan

Kumar Das made some valuable observations which added to the whole idea of the seminar. Finally, the day came to an end with a Vote of Thanks by the Convenor Dr. Rajrupa Singha Roy, Assistant Professor, School of Law and Justice, Adamas University.

# Impact of Microbes on Environment and Society

**AU News Desk:** The Department of Microbiology in the School of Science organised a one-day workshop in collaboration with Microbiology Society, UK on the “Impact of Microbes on Environment and Society” at the Adamas University Auditorium. Honourable Vice Chancellor, Prof. Madhusudan Chakraborty, Pro-Vice Chancellor, Prof. Arun K. Majumdar, Dean of Science, Prof.

Mukherjee inaugurated the session with encouraging words. The workshop had a series of talks in the morning session and hands-on activity in the afternoon session. In the morning session, Dr. Abhrajyoti Ghosh, Assistant Professor in Biochemistry, Bose Institute, Kolkata engaged the audience with insights of microbial diversity in Sunderban mangrove systems and how they can be

Bhadra, Chief Scientist, Infectious Diseases and Immunology division, Indian Institute of Chemical Biology, Kolkata talked about molecular basis of diversity and evolution of a human pathogen, *Vibrio cholerae*, which can help better understanding of the pathogen and assist designing novel strategy to mitigate Cholera, a life threatening diarrheal disease. The third speaker in the workshop, Dr. Rajib Majumder, Assistant Professor, Department of Biotechnology at Adamas University interacted with the audience about the cutting edge CRISPR-Cas9 technology, which enables precise editing of the genome and currently revolutionizing the field of life science, biotechnology and genetic engineering. The second half of the workshop was a hands-on session

Workshop organized by Department of Microbiology



Sanjib Ghosh and Dean of Biotechnology, Prof. Asok

harnessed for benefit to the society. Next, Dr. Rupak

which started with a presentation by D. Badrinaryanan,

Product Executive, Eppendorf India who spoke about proper pipetting techniques as well as types, maintenance and calibration of pipettes. The students had interactive and hands-on activity with manual, electronic and multi-channel pipettes. Overall more than 150 students and faculty members actively participated in the workshop. Dr. Arindam Mitra, Associate Professor, Department of Microbiology secured funding from Microbiology Society,

UK to organize this workshop with support from faculty members, staff, students and management of Adamas University. Microbiology Society is the largest society devoted to Microbiology in Europe with more than 4000 members from 65 countries. This is the second workshop from Department of Microbiology, School of Science in collaboration with Microbiology Society, UK at Adamas University.

## History Behind Some Important Newspapers of Birbhum District

**Debjani Roy**  
Assistant Professor, JMC

Jagdish Gupta was a renowned newspaper writer who was attached to famous newspapers like Kallol and Bijoli. Gouri Har Mitra was engaged with Prabashi, Bharati. Birbhumi newspaper started in 1899 and it was last published in 1906. The fund for the newspaper was supplied by the Kinnahar Zamindar Sauresh Chandra Sarkar. Kulda Prasad and Shibratan contacted Nilratan Mukhopadhyay, and also Hetampur’s Prince Mahima Nirranjan Chakroborty, the Labhpur Zamindar and dramatist Nirmal Shib Bandopadhyay who lent a helping hand to the newspapers. The history of newspapers in Birbhum is not ancient because it started at the end of the 19th century. This flow of newspapers created a literature in Indian history. That time a village named Multi, from where Editor Indranarayan Chattopadhyay founded the newspaper ‘Dharoni’, a highly acclaimed

monthly Sahitya newspaper and its main highlight was the district of Birbhum. The district’s first Sahitya newspaper was published from Kinnahar in 1896. The name of the newspaper was ‘Satsango’. The editor was Satkori Mukhopadhyay. It was the unique newspaper from Birbhum district. He previously published the paper from Berhampur, Khagra. Afterwards, he joined Kinnahar’s Sauresh Chandra Sarkar and this newspaper with high esteem was published for five years. Nilratan Mukhopadhyay started publishing ‘Birbhumi’ from Keernahar which was a well maintained newspaper at that time. But it could not hold on the stability of the newspaper. ‘Nabaparjay’ and ‘Naboprakash’ started but also stopped. In 1878 Dakhinaranjan Mukhopadhyay started the ever first newspaper ‘Dibakar’ which was a weekly. It was published from Kolkata but it was later closed down. In the next 20 to 22 years no newspaper was published. The second newspaper named ‘Birbhum Bani’ was published by Suri’s Jadunath Ray and Nagendranath Choud-



Jagdish Gupta

hury. But the newspaper did not last long. In 1919 ‘Birbhum Bashi’, a weekly newspaper was published from Rampurhat. The editorship was managed by Nilratan Mukhopadhyay who was a teacher. But the newspaper was closed down because he went to join a school in Kinnahar. A second newspaper was published in 1926 from Rampurhat named ‘Rar Dipika’. The editor was Tarashundar Mukhopadhyay. The newspaper also ran for a short period. Basically all the newspapers ran for limited period. The closing down of the newspapers were due to lack of infrastructure. In 1926 a weekly newspaper was launched from Dubrajpur. The editor of the newspaper ‘Pallymangal’ was Ashwini Kumar Bandopadhyay. The paper gained popularity due to local residents of the district. The newspaper was published for 5 to 6 years. But as usual, the newspaper was closed down due to various reasons. During the British reign local newspapers were looked down upon by the British officials.

