ISEA Project Phase II sponsored a 5-day Faculty Development Program on Cryptography and Cyber Security
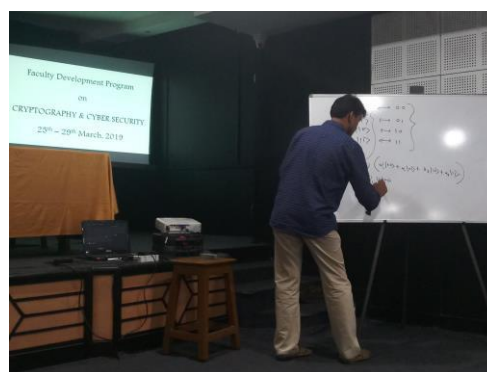
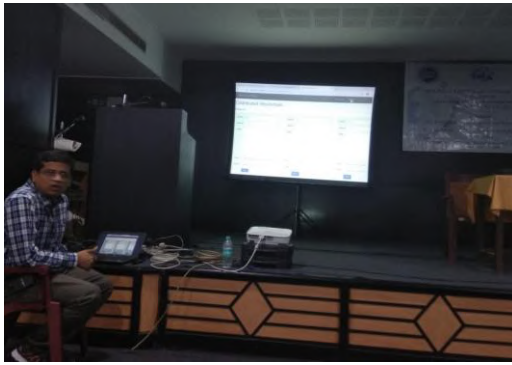ISEA Project Phase II sponsored a 5-day Faculty Development Program on Cryptography and Cyber Security was held during 25th - 29th of March, 2019. It was jointly organised by B. P. Poddar Institute of Management & Technology, Kolkata & Maulana Abul Kalam Azad University of Technology, WB and sponsored by Dept. of Electronics and Information Technology, Government of India. Prof. Saikat Maitra, Hon'ble Vice-Chancellor of Maulana Abul Kalam Azad University of Technology formally inaugurated the program along with Prof. (Dr.) Sutapa Mukherjee, Principal, B. P. Poddar Institute of Management & Technology and Dr. Amlan Chakrabarti, Professor, A. K. Choudhury School of Information Technology, University of Calcutta.

Dr. Amlan Chakrabarti delivered his lecture on the advanced technologies used in Cyber Physical Systems. Luminary from Cyber Law and Electronics Evidence of Courts of West Bengal and High Court Calcutta, Mr. Bivas Chatterjee captivated the audience with the recent developments in cyber security in detecting crime and criminal offence.

On the second day, Prof. Bimal Roy, Padmasri recipient and former Director of Indian Statistical Institute, Kolkata, enthralled the audiences with his lecture on cryptology. He cited very simple examples in explaining the various concepts of cryptology. Dr. Goutam Paul, Associate Professor from Cryptology and Security Research Unit (CSRU), Indian Statistical Institute, Kolkata further elucidated concepts of quantum information security.

Dr. Debashis De, Professor, MAKAUT gave emphasis on block chain-based privacy preserving incentive mechanism in mobile crowd sensing. Dr. Ashok Kumar Das of IIIT, Hyderabad delivered lecture on security for IoT devices. Prof. C. Balan, Associate Director, Knowledge Resource Centre, CDAC gave emphasis on virtual forensic and entailed that VMware virtual environment provides a completely virtualized set of hardware to the guest operating system. The features of Virtual Machine make it an interesting platform to commit cyber crimes. He also gave a half-day hands-on laboratory experience in criminal techniques and advanced technologies for detecting such crimes.

Eminent persona from academia Prof. Sharmishtha Neogy, Jadavpur University and Prof. Sudakshina Kundu, MAKAUT concluded the session on the last day by delivering lectures on security in distributed systems and information security in entirety. The 5-day schedule completed with the delivery of vote of thanks and giving away of participant certificates by Coordinators of the faculty development program, Dr. Bikromadittya Mondal, and Dr. Anindita RayChaudhuri.