Report on Faculty Development Programme on "Artificial Intelligence in HealthCare" during 12th to 14th February 2020 organized by Department of Information Technology, MCKV Institute of Engineering.

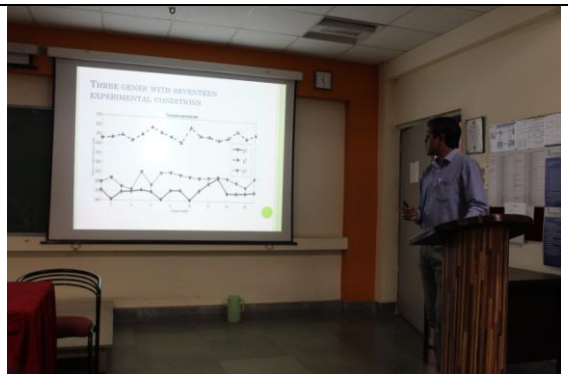
DAY 1

The inauguration program started at 10.30am where Prof. (Dr) Chitrangada Das Mukhopadhyay, IIEST, Shibpur and Dr. Amit Pal, St. Thomas College of Engg. & Technology delivered the inaugural address.

Mr. Arijit Sarkar, one of the organizing coordinators of the FDP, delivered the welcome address and the technical session started followed by a Tea Break. HODs, Teachers and Students of our Institute and external participants were present in the audience.

Prof. (Dr) Chitrangada Das Mukhopadhyay, IIEST, Shibpur, Howrah has delivered a technical lecture on "Application on Artificial Intelligence in Healthcare". After the end of her session, the topic titled as "Bio-informatics" was delivered by Dr. Amit Pal from St. Thomas College of Engg. & Technology, Kolkata.

In both the sessions, challenges and upcoming trends were the main theme of their deliberations.

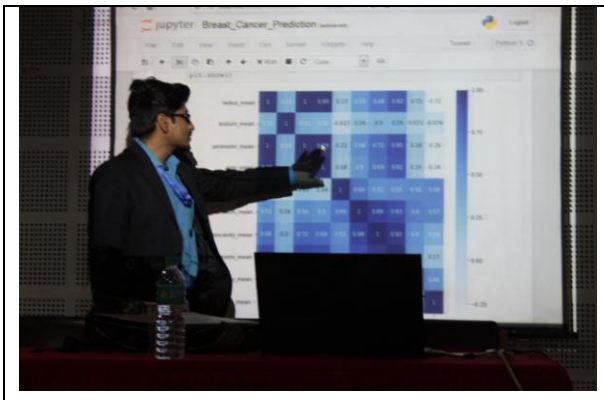


DAY 2

On first session of the second day, Prof.(Dr.) Debashis De from Maulana Abul Kalam Azad University of Technology(MAKAUT) has illustrated the current trends in Artificial Intelligence domain with a medley of presentations with the following titles like : “Cloud Computing in Healthcare”, “Wireless neo-natal System”, “Non contact based neo-natal System” and “Mobile Crowd sensing for prediction of Corona virus spreading”.

Thereafter, Mr. Sankha Subhra Mullick, a Senior Research Scholar from ISI Kolkata, presented a session on “Deep Learning using Artificial Neural Network” from his relevant research area. He has also highlighted the emerging trends of some other current research areas in the respective field. He has also motivated the young researchers present in the audience.

By the post-lunch session of the very same day, Prof.(Dr.) Pabitra Maji representing Machine Intelligence Unit, ISI, Kolkata highlighted on the topic as “Multimodal Data Integration for Disease Diagnosis: Genomics, Imaging to Imaging Genomics”. On his deliberation, he has elaborated on the following issues viz. : Multimodal Data Analysis, Genomics, Medical Imaging, Imaging Genomics and Complex Biological Networks.

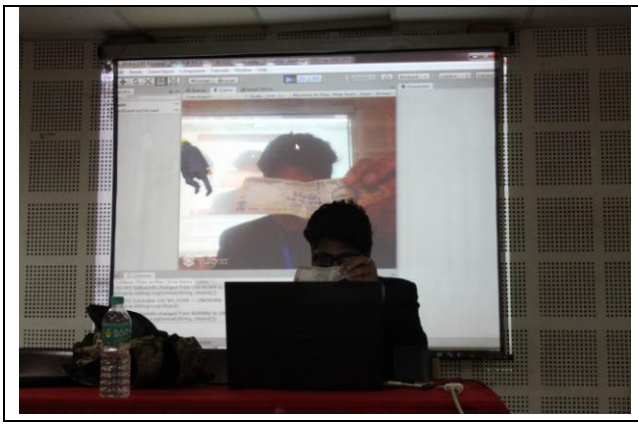


DAY 3

On the last and final day, Mr. Indranil Das from Webskitters Technology Solutions Pvt. Ltd. has delivered a lecture on “AI in Healthcare” at the first session. He has emphasized the areas where and how the Industry has been adopting and working on the application of AI tools and techniques.

In the second session, Dr. Jayanta Kumar Das, a practicing medical consultant from Ramakrishna Mission Seva Pratisthan and Narayana Hospitals, presented a contemporary topic on “Healthcare in Remote Areas”. The doctor, at the conclusion, has addressed the technologists to come forward and provide workable solutions on the mentioned topic.

At the end of the 3 days programme, in valedictory, concluding remarks was delivered by Dr. Indrajit De, Associate Professor of IT Department and finally the Vote of Thanks were given away by Dr. Shampa Sengupta, HOD IT Department. Participation Certificates were distributed by Dr. Jayanta Kumar Das.



Take Home Message