

**Report
On
Faculty Development Program on
Data Mining and Security with Machine Learning organized during 12-16
October-2020.**

GTU-Graduate School of Engineering and Technology organized five days online faculty development program on “Data Mining and Security with Machine Learning” held during 12-16 October, 2020 in association with MINT Jaipur. The FDP was sponsored by ISEA (Information Security Education and Awareness) Project – II.

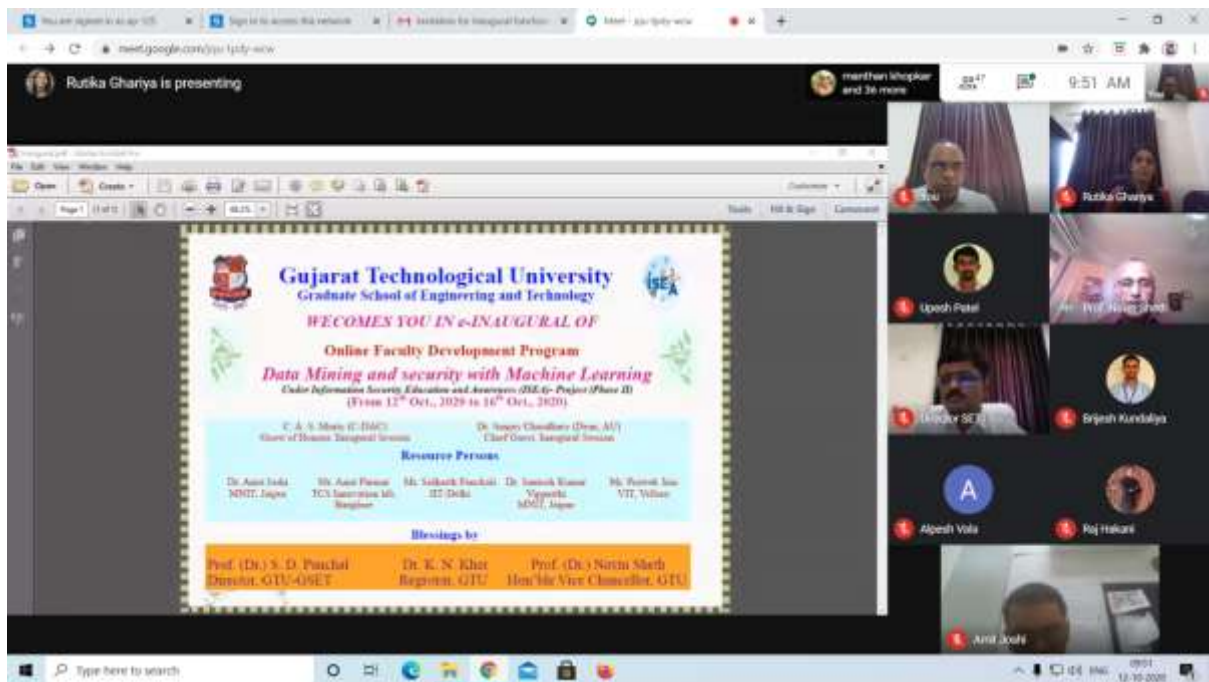
Objectives of the FDP was to bring together researchers from both industry and academia to participate and get experienced to various aspects of big data mining and associated tools by classroom learning and hands-on experience. Main topics of the FDP are: Neural Network and back propagation, Regression models for biomedical applications, IOT Security, Python Programming and Libraries for machine learning, Machine Learning in Healthcare, Implementation machine learning algorithms, ML in Robotics, Diabetes care using Machine Learning for COVID-19 etc.

We have received more than 170 registrations across India and abroad as per following statistics.

- Total Participants: 171
- Out o Gujarat : 17
- Out of Country: 01
- Industry Delegates : 6
- Faculty Members from GTU/GTU affiliated Colleges:99
- Faculty Members from other universities/Colleges: 48

We have invited renowned and well-experience resource persons namely, Dr.Amit Joshi, Dr. Kuldeep Singh, Dr. S J Nanda, Dr. Ila Sharma, Dr. Santosh Kumar, Dr. Urvashi Shulkla from MNIT, Jaipur, Mr. Sdharth Pancholi, IIT Delhi, Mr. Prateek Jain, VIT Vellore and Mr. Amit kumar fom TCS innovation Lab Bangalore.

The function is inaugurated on 12th October, 2020 by Hon’ble Vice Chancellor Sir, Gujarat Technological University and President of the inaugural function Prof. Navin Sheth, in presence of Prof. S. D. Panchal, Director, GTU-Graduate School of Engineering and Technology, Prof. S.K.Hadia, Coordinator and Prof. Rutika, Co-Coordinator of the FDP, faculty members of the institute and participants.



Inaugural Session



Session by Dr. Amit Joshi, MNIT Jaipur

At the end of the FDPs, delegates are able to

- To understand fundamentals, technologies, architecture, algorithms of Data Mining and Machine Learning
- To identify of optimized algorithms, technologies to develop any future applications.
- To explore various research opportunities and challenges in the field of data mining and ML.