

The Information Technology Department has organized an online five day TEQIP-III sponsored Short Term Course on the topic “**Cloud of Things: Theoretical and Practical Implications**” during August 10-14, 2020.

Prof. Lalit Kumar Awasthi, Director, NIT Jalandhar was the Chief Guest on the inauguration of this occasion. Dr S K Mishra, Registrar NIT Jalandhar, Dr. A Mukhopdhyay Dean Academic, Dr S. K. Sinha Dean Research and Consultancy were also present during this occasion.

Dr. Renu Dhir Head(IT Department) and Convener of the course, Dr. Rajneesh Rani, Dr Mohit Kumar and Dr Nisha Chaurasia (Co-ordinators) of the Programme, were also present in this online inaugural session.

The objective of short-term course was to provide an exposure in “Cloud of Things: Theoretical and Practical Implications” through interaction with experts in different domains of research in Cloud and IoT. The program included state-of-the-art lectures, discussion/presentation sessions, specifically focused on Insights and research challenges in the area of Cloud/Fog Computing and IoT. For the ease of beginners, the program was divided into various phases with their following respective objectives:

- Reviewing cloud computing concept
- Understanding sensor cloud and its future directions.
- Discussion about Fog/Edge Computing and its Applications
- Identify sensor and IoT devices as big data generator
- Provide insight on Integration of IoT with Cloud Platforms
- Provide machine learning as research opportunity in big data
- Practical demonstration at CloudSim and AWS

Prof. Awasthi expressed happiness on the overwhelming response from participants and their positive feedback and assured many more such programmes in the future. Dr. Renu Dhir (Convener) presented the report of the proceedings of the Course and proposed vote of thanks.

