<u>Tentative Course Outline</u>

TEQIP-III Sponsored Short Term Course

on

"Internet of Things and Machine Learning Applications"

(June 15-19, 2020)

Course Coordinator: Prof. Sudip Misra, CSE, IIT Kharagpur

Lecture No.	Lecture Topic
1	Introduction to Internet of Things- Basic Concepts
2	Networking and Communication Protocols
3	Emergence of Edge Technologies: Fog Computing
4	Introduction to IIoT and IoT Case Studies
5	Demonstration session of IoT projects
6	Introduction to Machine Learning
7	Big Data in IoT and its handling using ML
8	Hands-on Experiments using Arduino and Raspberry Pi