

Objectives and Course Content of Short Term Course

Operational Plan No.	CSE-30
Name of the Course	Mobile Computing and Application Development
Objectives of Course	<ul style="list-style-type: none">• To understand basics of wireless communications• To understand mobile communication and computing• To study simulation models for mobile devices• To explore the role of mobile agents in mobile computing• To design and analyse Internetworks Scenario• To implement network scenarios in NS2• To develop applications using Android Programming.• To explore the applications of mobile computing in other fields
Course Content	<ul style="list-style-type: none">• Overview of mobile computing• Fundamental of wireless communication and networks• GSM/GPRS/3G technologies• Network Simulation using NS2• Mobile agents• Introduction to network simulation software• Application development for smart devices using Android
Name of Course Coordinator with E-mail ID & Contact Number	<ul style="list-style-type: none">• Dr. C Rama Krishna, rkc_97@yahoo.com, 0172-2759670• Dr. Rakesh Kumar, raakeshdhiman@gmail.com, 0172-2759787