

<b>COURSE TITLE</b>	<b>TE142345: Mobile Computing and Ubiquitous Computing</b> Credits: 2 Semester: II
<b>LEARNING OBJECTIVES</b>	Students understand the concepts of mobile computing, ubiquitous computing, some of the techniques and applications.
<b>COMPETENCY</b>	Student can explain correctly how is the concepts of mobile computing, ubiquitous computing, some of the techniques and applications.
<b>SUBJECTS</b>	<ul style="list-style-type: none"> <li>• Wireless Sensors: RFID Automatic Identification and Data Capture</li> <li>• RFID Applications: Animal Monitoring, Assets and Vehicles Tracking</li> <li>• Internet of Things: A Context-Awareness Perspective</li> <li>• Street, Car and Home Without Secrets: Telematics, Intelligent Vision, What the Software Knows (Machine Learning)</li> </ul>
<b>MAIN REFERENCES</b>	<ul style="list-style-type: none"> <li>• <u>THE INTERNET OF THINGS</u>, From RFID to the Next-Generation Pervasive Networked Systems</li> <li>• World Without Secrets: <u>BUSINESS, CRIME, AND PRIVACY IN THE AGE OF UBIQUITOUS COMPUTING</u>, Richard Hunter, John Wiley &amp; Sons, Inc</li> <li>• <u>Advances in Ubiquitous Computing: Future Paradigms and Directions</u></li> </ul>
<b>OPTIONAL REFERENCES</b>	-
<b>PREREQUISITE</b>	-