

 <b>GITAM</b> (DEEMED TO BE UNIVERSITY) (Estd. u/s 3 of the UGC Act, 1956)		<b>GITAM Institute of Technology Visakhapatnam</b>		<b>B.Tech. Course Outline</b>
Year	2018-19		Semester	VI
Department	CSE		Open Elective	
Paper Title	<b>MOBILE COMPUTING</b>		Paper Code	EID362
Course Faculty Coordinator			Dr.Ch R Phani Kumar, Asst. Prof., ECE	
Contact Details			9704744777 rphanikumar.chintalapudi@gitam.edu	
Credits	3	Contact Hours	3	
<b>Course Overview</b>				
An overview of Mobile computing and the fundamentals are provided in this program. An increasingly popular form of communications from analog and digital versions and general approaches are used (Node to Node and mobile to mobile). These include network protocols, cellular networks, wireless access schemes, and the use of mobile IP and the Wireless Application Protocol (WAP) to provide Internet and Web access. MAC and TCP/IP for Wireless Access Protocol, examines the modifications to IP to accommodate wireless access to the Internet. The Wireless Application Protocol (WAP), access to telephony and information services, including the Internet and the Web. On the other hand, basics of mobile computing explains the use and application part for the communications.				
<b>Text Books</b>				
Jochen H.Schiller, Mobile Communications, 2/e, Pearson Education, 2003.				
<b>Reference Books</b>				
1. Hansmann, Merk, Nicklous, Stober, Principles of Mobile Computing, 2/e, Springer,2003.				
2. Adelstein, Frank, Gupta, Sandeep KS, Richard III, Golden, Schwiebert, Loren, Fundamentals of Mobile and Pervasive Computing, 2005.				
3. Martyn Mallick, Mobile and Wireless Design Essentials, Wiley DreamTech, 2003.				