

**Courses having focus on employability/entrepreneurship/skill development during the last five years**

Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
B.Tech.	EC3THS03	1. Engineering Economics	This subject focuses on the decision-making process and improves limited resources allocation capability of an individual. It helps the individual in engineering management sector and logistics.	2016
	EC5T0E12	2. OOPS IN C++	This subject is treated as a fundamental programming subject for those who want to extend their carrier in IT sector. It helps in understanding the concept of modular as well as procedural programming in grass root level. The concept of basic features and applications of object-based programming is also added in this subject.	2017
	EC5T0E14	3. PROJECT MANAGEMENT	The entire work cycles and procedures are well defined projects and management is the art to utilize the available resources to get the maximum possible output. This subject makes the student mentally prepare to deal with practical projects of organization in stipulated time limit.	2017
	EC5T0E13	4. INTRODUCTION TO INFORMATION SECURITY	The processed contents can be termed as information and this subject prevents the unauthorized access, use, disclosure, modification, inspection or destruction of information through strong firewall procedures. This subject helps the students to develop strong concepts in computing and data protection sector.	2017

	EC5T0E15	<b>5. RURAL TECHNOLOGY AND COMMUNITY DEVELOPEMENT</b>	<b>With Decentralized developments, the living standard of rural people requires development in rural technologies to stimulate the rural developments. This subject is for whom who want to make their carrier in sector of social, cultural as well as regional developments.</b>	<b>2017</b>
	EC6TPE03	<b>6. DATA COMMUNICATION AND COMPUTER NETWORK</b>	<b>Communication and Networking are interrelated terms in field of Engineering. This subject is considered as a fundamental subject in understanding flow, propagation and type of data and the basic elements of networking and communication.</b>	<b>2017</b>
	EC9T0E21	<b>7. UNIX OPERATING SYSTEM</b>	<b>This subject deal operation and application of open source operating system, again this subject is for those who want to build their carrier in software fields.</b>	<b>2017</b>
	EC9T0E22	<b>8. PROBABILITY AND STOCHASTIC PROCESS</b>	<b>This subject may be useful to analyze any system</b>	<b>2017</b>
	EC9T0E23	<b>9. ADVANCED INSTRUMENTATIO N</b>	<b>The proficiency in this subject in turn provides great work life balance and a great opportunity to get experience building and modernizing process in company with global research but it requires frequent knowledge update and transitions.</b>	<b>2017</b>
	EC9T0E24	<b>10. KNOWLEDGE MANAGEMENT</b>	<b>This subject deals with the application of applicability of proper skill that is to be required to accomplish the desired task in given time limit.</b>	<b>2017</b>

	EC9T0E25	<b>11. ENGINEERING SYSTEM DESIGN OPTIMIZATION</b>	<b>This subject develops the concept of optimization in individual to achieve designed goals in engineering. Employability in this field requires core knowledge in this field.</b>	<b>2017</b>
	EC7TPE05	<b>12. ADVANCED HARDWARE DESIGN</b>	<b>This subject is literally related to IT sector and deals with advanced networking and computing.</b>	<b>2018</b>
	EC7T034	<b>13. OPTICAL INSTRUMENTATION AND MEASUREMENT</b>	<b>This subject helps to develop experimental skills to perform both microscopic as well as macroscopic states of parameters under different physical and environmental condition.</b>	<b>2018</b>
	EC8TPC14	<b>14. RADAR AND SATELLITE ENGINEERING</b>	<b>This subject deals with the long-distance propagation of information through radio waves and This knowledge can be used in defense, navigations as well as long distance transmission sectors.</b>	<b>2018</b>
	EC8TOE41	<b>15. BASIC BUILDING BLOCK OF MICROWAVE COMMUNICATION</b>	<b>This subject deals with the study of frequency, power spectrum and propagation of microwave and various radiations associated with microwave. The students may find jobs in simulation, design as well in networking sectors through this subject.</b>	<b>2018</b>
	EC8TOE45	<b>16. ADVANCED POWER ELECTRONICS</b>	<b>This subject deals with the application of electronic equipments in power frequency range. This subject helps the students to understand all modern types of controlling equipment for industrial safety purpose.</b>	<b>2018</b>

