

1. 2. 2 - ECE - file no. 9

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI  
(AUTONOMOUS)  
DEPARTMENT OF Electronics and Communication Engineering**

**List of CBCS Courses**

<b>UG</b>	<b><u>Professional Electives</u></b>
19APC0401	Information Theory and Coding
19APE0403	Computer systems Architecture
19APE0402	MATLAB Programming
<b>UG</b>	<b><u>Open Elective-I</u></b>
19AOE0501	Data Base Management Systems
19AOE0502	Operating Systems
19AOE0202	Programmable Logic Controllers
<b>UG</b>	<b><u>Professional Elective-II</u></b>
19APE0404	Real Time Operatin Systems
19APE0405	VLSI Design
19APE0406	MEMS
<b>UG</b>	<b><u>Humanities Elective-I</u></b>
19AHE9902	Principles of Effective Public Speaking
19AHSMB0 1	MangaerialEconoics and Financial Analysis
19AOE0518	Scripting Languages
<b>UG</b>	<b><u>Open Elective-II</u></b>
19APCO216	Neural Networks and Fuzzy Logic
19AHE9907	Advanced Optics
19AHE9905	Materials Chemistry
<b>UG</b>	<b><u>Open Elective -III</u></b>
19APC0510	Computer Networks
19A0E0304	Robotics
19A0E0301	Management Science
<b>UG</b>	<b><u>Professsional Elective-III</u></b>
19APE0409	RF System Design
19APE0407	Radar Systems
19APE0408	Digital Systems Design
<b>UG</b>	<b><u>Professional Elective -IV</u></b>
19APE0410	Satellite Communication
19APE0411	Embedded Systems
19APE0412	Digital IC Design
<b>UG</b>	<b><u>Humanities Elective -II</u></b>
19AHE9901	Technical Writing
19AHE9906	Effective Technical Communication

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<b>UG</b>	<b>Open Elective (Inter Disciplinary MOOC-I)</b>
20A0E0518	Scripting Languages
20A0E0516	R Programming
20A0E0201	Neural Networks and Fuzzy Logic
<b>UG</b>	<b>Professional Elective(MOOC--II)</b>
20APE0410	Electronic Measurements and Instrumentation
20APE0411	FPGA Design
20APE0412F	RF Integrated Circuits
<b>PG</b>	<b>Professional Elective-I</b>
22DPE3801	Advanced Computer Architecture
22DPE3802	Low Power VLSI Design
22DPE3803	Audio Video Coding and Compression
<b>PG</b>	<b>Professional Elective -II</b>
22DPE3804	Transform Techniques
22DPE3805	Data Networks
22DPE3806	Error Control Coding
<b>PG</b>	<b>Professional Elective -III</b>
22DPE3807	Wireless Communication and Networks
22DPE3808	Micro Controllers and Programmable Digital Signal Processors
22DPE3809	Sensors and Actuators
<b>PG</b>	<b>Professional Elective -IV</b>
22DPE3810	Speech Processing
22DPE3811	Network Security and Cryptography
22DPE3812	Optical Communication Technology
<b>PG</b>	<b>Professional Elective -IV</b>
22DPE3813	Remote Sensing
22DPE3814	High Performance Systems
22DPE3815	MIMO Systems
<b>PG</b>	<b>Open Elective -I</b>
22D0E2001	Waste to Energy
22D0E2002	Project Management
22D0E9001	Industrial Safety
22D0E9002	Operation Research
22D0E5801	Business Analytics
22D0E9004	Composite Materials

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