ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI

(AUTONOMOUS)

DEPARTMENT OF Electronics and Communication Engineering

CIRCULAR

Dt. 12.08.2019

Following are Professional and Open Elective courses offered for Electronics and Communication Engineering students in various semesters.

	Professional Electives
19APC0401	InformationTheory and Coding
19APE0403	Computer systems Architecture
19APE0402	MATLAB Programming
	Open Elective-I
19AOE0501	**Data Base Management Systems**
19AOE0502	Operating Systems
19AOE0202	Programmable Logic Controllers
	Professional Elective-II
19APE0404	Real Time Operatin Systems
19APE0405	**VLSI Design**
19APE0406	MEMS
	Humanities Elective-I
19AHE9902	Principles of Effective Public Speaking
19AHSMB01	MangaerialEconoics and Financial Analysis
19AOE0518	Scripting Languages
	Open Elective-II
19APCO216	Neural Networks and Fuzzy Logic
19AHE9907	Advanced Optics
19AHE9905	Materials Chemistry
	Open Elective -III
19APC0510	Computer Networks
19A0E0304	Robotics
19A0E0301	Management Science
	Professsional Elective-III
19APE0409	RF System Design
19APE0407	Radar Systems
19APE0408	Digital Systems Design
	Professional Elective –IV
19APE0410	Satellite Communication
19APE0411	Embedded Systems
19APE0412	Digital IC Design
	Humanities Elective –II

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19AHE9901	Technical Writing
19AHE9906	Effective Technical Communication
	Open Elective (Inter Disciplinary MOOC-I)
20A0E0518	Scripting Languages
20A0E0516	R Programming
20A0E0201	Neural Networks and Fuzzy Logic
	Professional Elective(MOOC--II)
20APE0410	Electronic Measurements and Instrumentation
20APE0411	FPGA Design
20APE0412F	RF Integrated Circuits
PG	**Professional Elective-I**
22DPE3801	Advanced Computer Architecture
22DPE3802	Low Power VLSI Design
22DPE3803	Audio Video Coding and Compression
PG	Professional Elective -II
22DPE3804	Transform Techniques
22DPE3805	Data Networks
22DPE3806	Error Control Coding
PG	Professional Elective -III
22DPE3807	Wireless Communication and Networks
22DPE3808	Micro Controllers and Programmable Digital Signal Processors
22DPE3809	Sensors and Actuators
PG	Professional Elective -IV
22DPE3810	Speech Processing
22DPE3811	Network Security and Cryptography
22DPE3812	Optical Communication Technology
PG	Professional Elective -IV
22DPE3813	Remote Sensing
22DPE3814	High Performance Systems
22DPE3815	MIMO Systems
PG	Open Elective -I
22D0E2001	Waste to Energy
22D0E2002	Project Management
22D0E9001	Industrial Safety
22D0E9002	Operation Research
22D0E5801	Business Analytics
22D0E9004	Composite Matrials

Students of Electronics and Communication Engineering can choose a subject from each set whenever they face the CBCS/Electives in their journey.

N. Rushpalaka

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Dept. of Electronics & Communication Engg.
Annamacharya Institute of
Technology & Sciences, TIRUPATI 517 520.