



BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(An Autonomous Institution)

Amalapuram-533201, Dr. B.R. Ambedkar Konaseema DT, Andhra Pradesh.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
(Accredited by NBA)

III B.Tech. COURSE STRUCTURE:BR-23

B. Tech. III Year II Semester

S.No.	Category	Course Code	Title	L	T	P	C
1	Professional Core	23EE6T10	Electrical Measurements and Instrumentation	3	0	0	3
2	Professional Core	23EE6T11	Microprocessors and Microcontrollers	3	0	0	3
3	Professional Core	23EE6T12	Power System Analysis	3	0	0	3
4	Professional Elective-II	23EE6D03 23EE6D04 23EE6D05 23EE6D06	1. Switchgear and Protection 2. Advanced Control Systems 3. Renewable and Distributed Energy Technologies 4. 12 Week MOOC-Swayam / NPTEL Course	3	0	0	3
5	Professional Elective-III	23EE6D07 23EE6D08 23EE6D09 23EE6D10	1. Electric Drives 2. Digital Signal Processing 3. High Voltage Engineering 4. 12 Week MOOC-Swayam / NPTEL Course	3	0	0	3
6	Open Elective - II		Any Course from other Department	3	0	0	3
7	Professional Core	23EE6L08	Electrical Measurements and Instrumentation Lab	0	0	3	1.5
8	Professional Core	23EE6L09	Microprocessors and Microcontrollers Lab	0	0	3	1.5
9	Skill Enhancement course	23SC6L02	IoT Applications of Electrical Engineering Lab	0	1	2	2
10	Audit Course	23NC6T02	Research Methodology	2	0	0	-
Total				20	1	08	23
MC	Student may select from the same minors pool			3	0	3	4.5
MC	Minor Course (Student may select from the same specialized minors pool)			3	0	0	3
HC	Student may select from the same honors pool			3	0	0	3
HC	Honors Course (Student may select from the honors pool)			3	0	0	3

(Signature)

HEAD OF THE DEPARTMENT
ELECTRICAL & ELECTRONICS ENGG.,
B.V.C. INST. OF TECH. & SCIENCE
AMALAPURAM-533 221 , E.G.DT., A.P.