



ADHIYAMAAN COLLEGE OF ENGINEERING

(Autonomous)

Affiliated to Anna University – Chennai & Approved by AICTE – New Delhi.

Accredited by NAAC & NBA - UGC, New Delhi


1.1.2 - Number of Programmes where syllabus revision was carried out during the last five years

B.E-ELECTRICAL AND ELECTRONICS ENGINEERING

R-2015 vs R-2018

Sl.No	Course Code	Course Name	% of Change	Weightage
1	118ENT01	Technical English	50%	0.5
2	118MAT02	Engineering Mathematics-I	20%	0.2
3	118PHT03	Engineering Physics	10%	0.1
4	118CYT04	Engineering Chemistry	30%	0.3
5	118PPT05	Problem Solving And Python Programming	100%	1
6	118PPP08	Problem Solving and Python Programming Laboratory	100%	1
7	218ENT01	Communicative English	90%	0.9
8	218MAT02	Engineering Mathematics-II	20%	0.2
9	218GET03	Environmental Science and Engineering	100%	1
10	218CYP07	Engineering Chemistry Laboratory	30%	0.3
11	218EDP09	Electron Devices and Circuits Laboratory	100%	1
12	218MCT01	Indian Constitution	100%	1
13	318MAT01	Engineering Mathematics-III	20%	0.2
14	318EET02	Electromagnetic Theory	5%	0.05
15	318EET04	Linear Integrated Circuits and Applications	5%	0.05
16	318EET05	Measurements and Instrumentation	5%	0.05
17	318EET06	Fundamentals of Data Structures in C	100%	1
18	318EEP09	Fundamentals of Data Structures in C Laboratory	100%	1
19	418EET01	Numerical Methods	5%	0.05
20	418EET02	Control Systems	10%	0.1
21	418EET03	Digital Electronic Circuits	20%	0.2
22	418EET04	Power Generation Systems	20%	0.2

Dr. M.G.R. Nagar, Hosur – 635 130, Krishnagiri (Dt), Tamilnadu, India. Phone: Office: 04344 – 260570, 261001-3, 261034.
Fax: 04344 – 260573 Website : www.adhiyamaan.ac.in E-mail : principal@adhiyamaan.ac.in


PRINCIPAL
ADHIYAMAAN COLLEGE OF ENGINEERING
Dr. M.G.R. NAGAR,
HOSUR - 635 109,




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Sl.No	Course Code	Course Name	% of Change	Weightage
23	418EEE09	Fundamentals of Nano Science	100%	1
24	518EET01	Microprocessors and Microcontrollers	20%	0.2
25	518EET04	Protection and Switchgear	5%	0.05
26	518EET05	Transmission and Distribution	5%	0.05
27	518MEO07	Mechatronics and Robotics	100%	1
28	518ITO08	Computer Organization	100%	1
29	618EET02	Power Electronics	10%	0.1
30	618EEP07	Power Electronics Laboratory	20%	0.2
31	618EEP08	Electronic System Design Laboratory	20%	0.2
32	618EEE04	Artificial Intelligence and Data Science	100%	1
33	718EET01	Power System Operation and Control	10%	0.1
34	718EET02	Electric Drives and Control	20%	0.2
35	718EET03	Special Electrical Machines	5%	0.05
36	718EEE05	Flexible AC Transmission Systems	20%	0.2
37	718EEE09	EHVAC Power Transmissions	10%	0.1
38	718EEE07	Smart Grid	100%	1
39	718EEE08	Modern Power Converters	100%	1
40	718EEE11	Aircraft Electrical Systems	100%	1
41	818EET01	Electric Power Utilization and Energy Auditing	10%	0.1
42	818EEE02	Disaster Management	20%	0.2
43	818EEE03	Electric Vehicle Technology	100%	1
44	818EEE07	Professional Ethics and Human Values	100%	1
45	818EEE09	Wireless Power Transfer Technologies	100%	1
Total Weightage				22.1
(Total weightage of R2015 vs R2018/ No. of courses in R2018) *100 = (22.1/ 90) *100 = 24.55				
Total Change % = 24.55%				

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