

ISO 9001:2015 AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank : 197

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
 Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.
 काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत
 కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము
 (An Autonomous Institute under Kakatiya University, Warangal)
 (Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)
 website: www.kitsw.ac.in E-mail: principal@kitsw.ac.in ☎ : +91 9392055211, +91 7382564888

Department of Electrical and Electronics Engineering

PROGRAM ARTICULATION MATRIX

PO - PSO TARGETS (URR-18) B. TECH(EEE)

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1.	U18MH101	ENGINEERING MATHEMATICS - I	3.0	2.5	1.75	-	-	-	-	1.0	-	1.0	-	1.0	1.0	2.0
2.	U18CS102	PROGRAMMING FOR PROBLEM SOLVING USING C	2.0	2.25	2.5	1.67	2.0	1.5	1.0	1.0	2.0	1.0	2.75	1.0	2.0	2.0
3.	U18CH103	ENGINEERING CHEMISTRY	1.75	1.33	1.25	1.75	1.0	1.0	1.0	-	1.75	-	-	-	2.0	-
4.	U18ME104	ENGINEERING DRAWING	3.0	2.0	1.0	1.0	1.0	-	-	-	-	-	-	-	2.0	-
5.	U18CE105	ENGINEERING MECHANICS	2.75	2.25	3.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	2.67	1.0	2.0	2.0
6.	U18CS107	PROGRAMMING FOR PROBLEM SOLVING USING C LABORATORY	2.5	2.75	2.75	2.25	2.0	1.0	1.0	2.0	2.0	1.0	2.75	1.0	2.0	2.0
7.	U18CH108	ENGINEERING CHEMISTRY LABORATORY	1.75	1.33	1.25	1.75	1.0	1.0	1.0	-	1.75	-	-	-	1.0	-
8.	U18CH109	ENVIRONMENTAL STUDIES	1.5	1.5	1.5	1.0	-	1.25	1.5	1.0	1.0	-	-	-	2.0	-
9.	U18MH201	ENGINEERING MATHEMATICS - II	3.0	2.25	1.75	-	-	-	-	-	-	-	-	1.0	3.0	-
10.	U18CS202	DATA STRUCTURES THROUGH C	2.5	2.25	2.5	2.0	2.0	1.0	1.0	1.0	2.0	1.0	2.75	1.0	1.25	-
11.	U18EE205	BASIC ELECTRICAL ENGINEERING	2.5	2.25	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	-	3.0	-

Department of Electrical and Electronics Engineering

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
12.	U18EE206	BASIC ELECTRICAL ENGINEERING LABORATORY	2.0	1.5	1.33	1.5	1.0	1.0	1.0	-	2.0	1.25	1.25	1.25	3.0	-
13.	U18CS207	DATA STRUCTURES THROUGH C LABORATORY	2.5	2.25	2.67	2.0	2.0	1.0	1.0	1.0	2.0	1.0	2.75	1.0	2.25	2.0
14.	U18ME209	WORKSHOP PRACTICE	2.0	-	2.0	-	1.0	1.0	-	-	1.0	-	-	-	2.0	1.0
15.	U18MH301	ENGINEERING MATHEMATICS-III	2.0	1.75	-	-	-	-	-	-	-	-	-	1.0	2.0	1.0
16.	U18TP302	SOFT AND INTERPERSONALSKILLS	-	-	-	-	-	-	-	1.5	2.25	3.0	-	-	-	-
17.	U18EE303	NETWORK THEORY	2.0	2.0	1.25	1.0	1.0	-	-	-	1.0	1.0	1.0	1.0	2.0	1.0
18.	U18EE304	ELECTRICAL MEASUREMENTS & INSTRUMENTATION	3.0	2.0	1.5	-	-	-	-	-	-	-	-	-	1.5	1.0
19.	U18EE305	ELECTROMAGNETIC FIELDS	3.0	2.0	1.5	-	-	-	-	-	-	-	-	-	3.0	1.0
20.	U18EC310	ELECTRONIC DEVICES AND CIRCUITS	2.25	2.5	2.75	-	-	-	-	-	1.0	-	2.0	1.0	2.0	2.25
21.	U18EE307	ELECTRICAL MEASUREMENTS & INSTRUMENTATION LABORATORY	2.5	2	1.75	1	1	--	-	-	3	2	--	-	1.25	1
22.	U18EE308	NETWORKS & SIMULATIONLABORATORY	3	3	2.5	1	2	-	-	1	3	2	2	1.5	2	1

Department of Electrical and Electronics Engineering

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
23.	U18EC311	ELECTRONIC DEVICES & CIRCUITSLABORATORY	3	2	2	3	3	-	1	-	3	2	2	-	2	1
24.	U18OE401A	APPLIED MATHEMATICS	2.0	2.0	-	-	-	-	-	-	-	-	-	1.0	-	-
25.	U18MH402	PROFESSIONALENGGLISH	-	-	-	-	-	-	-	-	1	2	-	1	-	-
26.	U18OE403A	OBJECT ORIENTEDPROGRAMMING	2	2	2	1	2	1	1	1	2	1	2	1	1	-
27.	U18EE404	POWER SYSTEMS-I	2.5	2.0	2.0	2.0	-	1.0	1.0	-	-	-	-	-	2	2
28.	U18EE405	ELECTRICAL MACHINES-I	3.0	2.0	1.0	1.0	1.0	-	-	-	-	-	-	-	3.0	2.0
29.	U18EC412	ANALOG AND DIGITAL ELECTRONICS	3.0	3.0	2.5	-	-	-	2.0	-	-	-	-	-	2.0	2.0
30.	U18MH415	ESSENCE OFINDIAN TRADITIONAL KNOWLEDGE	-	-	-	-	-	1	1	2	1.5	1	-	2	-	-
31.	U18EE407	ELECTRICAL MACHINES -I LABORATORY	3	2	-	1	1	-	-	1	3	2	-	-	2	2
32.	U18EC413	ANALOG AND DIGITAL ELECTRONICS LABORATORY	3	2	2	3	3	-	1	-	3	2	2	-	1.75	1
33.	U18OE411A	OBJECT ORIENTED PROGRAMMING LABORATORY	2	2	2	1	2	1	1	1	2	1	2	1	1	-
34.	U18CH501	UNIVERSAL HUMAN VALUES	-	-	-	-	-	1.0	-	2.0	1.0	1.0	-	2.0	-	-

Department of Electrical and Electronics Engineering

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
35.	U18EE502A	RENEWABLE ENERGY SYSTEMS	2.0	1.67	-	-	1.0	1.0	1.0	-	-	-	1.0	1.0	1.75	1.5
36.	U18EE503	POWER SYSTEMS-II	2	2	-	1	-	1	-	-	-	-	-	1	2	1
37.	U18EE504	ELECTRICAL MACHINES - II	2	1.5	-	-	-	1	-	-	-	-	-	1	1	1.5
38.	U18EE506	POWER ELECTRONICS	2	2	1	-	-	1	-	-	-	-	-	1	2	1.5
39.	U18EC511	MICROPROCESSORS AND MICROCONTROLLER SYSTEMS	2.0	2.0	1.0	1.0	1.0	-	-	-	-	-	-	1.0	-	-
40.	U18EE508	ELECTRICAL MACHINES-II LABORATORY	2	2	-	-	-	-	-	1	2	2	-	1	2	1.5
41.	U18EE509	POWER ELECTRONICS LABORATORY	2	1.25	-	-	2	-	-	1	2	2	-	1	2	1.5
42.	U18EC512	MICROPROCESSORS AND MICROCONTROLLER SYSTEMS LABORATORY	2	2	1	1	1	-	-	1	2	2	-	1	2	1
43.	U18EE510	SEMINAR	1	1	-	1	1	-	1	2	2	2	1	2	1	1
44.	U18TP601	QUANTITATIVE APTITUDE AND LOGICAL REASONING	1	1.5	-	1.5	-	2	-	-	-	-	-	1	-	-
45.	U18MH602	MANAGEMENT ECONOMICS AND ACCOUNTANCY	-	-	-	-	-	-	-	-	1	1	1.25	1	-	-

Department of Electrical and Electronics Engineering

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
46.	U18EE603A	UTILIZATION OF ELECTRICAL ENERGY	2.0	1.0	1.0	-	1.0	1.0	1.0	-	-	-	-	1.0	2.0	1.0
47.	U18EE603C	ELECTRIC VEHICLES	1.5	1.0	1.0	-	1.0	1.0	1.0	-	-	-	-	1.0	1.5	1.0
48.	U18EE604	POWER SYSTEM OPERATION AND CONTROL	2.0	1.75	-	-	-	1.0	1.0	-	-	-	-	1.0	2.0	1.0
49.	U18EE605	POWER SEMICONDUCTOR DRIVES	2	1	-	1	-	1	-	-	-	-	-	1	2	1
50.	U18EE606	CONTROL SYSTEMS ENGINEERING	2.0	2.0	-	1.0	.0	-	-	-	1.0	-	-	1.0	2.0	1.0
51.	U18EI614	SIGNALS & LINEAR SYSTEMS	2.0	2.0	1.5	1.5	-	-	-	-	-	-	-	1.0	-	-
52.	U18EE607	CONTROL SYSTEMS ENGINEERING LABORATORY	2	1	-	-	2	-	-	-	2	2	-	1	1.5	-
53.	U18EE608	POWER SEMICONDUCTOR DRIVES LABORATORY	2	1	-	-	2	-	-	1	2	2	-	1	2	1
54.	U18EE610	MINI PROJECT	1	1	2	2	1	1	1	2	2	2	1	2	1	1
55.	U18OE701A	DISASTER MANAGEMENT	-	-	-	-	-	2.0	2.0	1.0	-	-	1.0	1.0	-	-
56.	U18OE701D	RURAL TECHNOLOGY AND COMMUNITY DEVELOPMENT	-	-	1.0	-	-	1.0	2.0	-	-	-	-	1.0	-	-

ISO 9001:2015 AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank : 197



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
 Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.
 काकतीय प्रेद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत
 కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము
 (An Autonomous Institute under Kakatiya University, Warangal)
 (Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

website: www.kitsw.ac.in E-mail: principal@kitsw.ac.in ☎ : +91 9392055211, +91 7382564888

Department of Electrical and Electronics Engineering

S.No.	COURSE CODE & NAME		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
57.	U18EE702C	MICRO GRID & DISTRIBUTED GENERATION	2.0	1.0	1.33	1.0	1.0	-	-	-	1.0	1.0	-	1.0	2.0	1.0
58.	U18EE703C	POWER SYSTEM DEREGULATION	2.0	1.0	1.0	1.0	-	-	-	-	1.0	1.0	-	1.0	2.0	1.0
59.	U18EE704	POWER SYSTEMS PROTECTION	2.0	1.0	1.0	-	-	-	-	-	1.0	1.0	-	1.0	2.0	1.0
60.	U18EE705	ELECTRICAL SIMULATION LABORATORY	2	1	1	-	2	-	-	1	2	2	-	1	2	1
61.	U18EE706	POWER SYSTEMS LABORATORY	2	2	-	2	-	-	-	1	2	2	-	1	2	2
62.	U18EE707	MAJOR PROJECT WORK PHASE-I	2	2	2	2	2	2	2	3	2	2	2	3	2	2
63.	U18EE801A	AI TECHNIQUES IN ELECTRICAL ENGINEERING	2.0	1.5	1.0	1.0	1.0	-	-	-	1.0	1.0	1.0	1.0	1.75	1.0
64.	U18EE802A	DIGITAL CONTROL SYSTEMS	2.0	2.0	1.0	-	-	-	-	-	1.0	1.0	-	1.0	-	-
65.	U18OE803C	ENTREPRENEURSHIP DEVELOPMENT														
66.	U18EE804	MAJOR PROJECT WORK PHASE-II	1.5	2	2	2	2	2	2	3	2	2	2	3	2	2
PO PSO TARGETS			2.17	1.80	1.65	1.47	1.47	1.16	1.20	1.40	1.79	1.52	1.82	1.18	1.90	1.38