



**2.6.2 ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES ARE
EVALUATED BY THE INSTITUTION**

S. No	Description	Page No.
1.	CO attainment Level Prescription	2
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KSRIET Institute for Engineering and Technology

Tiruchengode, Namakkal (Dt) , Tamil Nadu

(Approved by AICTE, Affiliated to Anna University, Accredited by NAAC (A+) & NBA)



The Course outcome attainment level prescription for the students is defined as mentioned in the following table.

Attainment Level	Description
1.	Students securing less than 50% marks in each course
2.	Students securing between 50% to 70% marks in each course
3.	Students securing More than 70% marks in each course

CO TARGET : Class Average attainment is 75% that is 2.25 out of 3

PO TARGET : Average attainment is 75% that is 2.25 out of 3

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CO ATTAINMENT (2019-23) BATCH

S.NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	NO OF STUDENTS APPEARED	NO OF STUDENTS SCORED AND ABOVE	% OF B+ AND ABOVE	ATTAINMENT LEVEL
SEMESTER I							
1.	HS8151	Communicative English	30	29	18	100	3
2.	MA8151	Engineering Mathematics - I	30	30	8	26.6	1
3.	PH8151	Engineering Physics	30	30	16	53.3	2
4.	CY8151	Engineering Chemistry	30	30	17	56.6	2
5.	GE8151	Problem Solving and Python Programming	30	30	14	46.6	1
6.	GE8152	Engineering Graphics	30	30	14	46.6	1
7.	GE8161	Problem Solving and Python Programming Laboratory	30	30	29	96.6	3
8.	BS8161	Physics and Chemistry Laboratory	30	29	29	100	3
SEMESTER II							
1.	HS8251	Technical English	30	30	24	80	3
2.	MA8251	Engineering Mathematics - II	30	30	25	83.3	3
3.	PH8253	Physics for Electronics Engineering	30	30	24	80	3
4.	BE8252	Basic Civil and Mechanical Engineering	30	30	26	86.6	3
5.	EE8251	Circuit Theory	30	30	24	80	3
6.	GE8291	Environmental Science and Engineering	30	30	24	80	3
7.	GE8261	Engineering Practices Laboratory	30	30	30	100	3
8.	EE8261	Electric Circuits Laboratory	30	30	30	100	3
SEMESTER III							
1.	MA8353	Transforms and Partial Differential Equations	30	30	25	83.3	3
2.	EE8351	Digital Logic Circuits	30	30	25	83.3	3
3.	EE8391	Electromagnetic Theory	30	30	28	93.3	3
4.	EE8301	Electrical Machines - I	30	30	24	80	3
5.	EC8353	Electron Devices and Circuits	30	30	28	93.3	3
6.	ME8792	Power Plant Engineering	30	30	23	76.6	3
7.	EC8311	Electronics Laboratory	30	30	30	100	3
8.	EE8311	Electrical Machines Laboratory - I	30	30	30	100	3

SEMESTER IV							
1.	MA8491	Numerical Methods	30	30	29	96.6	3
2.	EE8401	Electrical Machines - II	30	30	30	100	3
3.	EE8402	Transmission and Distribution	30	30	30	100	3
4.	EE8403	Measurements and Instrumentation	30	30	30	100	3
5.	EE8451	Linear Integrated Circuits and Applications	30	30	30	100	3
6.	IC8451	Control Systems	30	30	29	96.6	3
7.	EE8411	Electrical Machines Laboratory - II	30	30	30	100	3
8.	EE8461	Linear and Digital Integrated Circuits Laboratory	30	30	30	100	3
9.	EE8412	Technical Seminar	30	30	30	100	3
SEMESTER V							
1.	EE8501	Power System Analysis	30	30	29	96.6	3
2.	EE8551	Microprocessors and Microcontrollers	30	30	30	100	3
3.	EE8552	Power Electronics	30	30	30	100	3
4.	EE8591	Digital Signal Processing	30	30	30	100	3
5.	CS8392	Object Oriented Programming	30	30	23	76.6	3
6.	OCE551	Air Pollution and Control Engineering	30	30	30	100	3
7.	EE8511	Control and Instrumentation Laboratory	30	30	28	93.3	3
8.	HS8581	Professional Communication	30	30	30	100	3
9.	CS8383	Object Oriented Programming Laboratory	30	30	29	96.6	3
SEMESTER VI							
1.	EE8002	Design of electrical apparatus	30	30	10	83.33	3
2.	EE8601	Solid State Drives	30	30	5	16.6	1
3.	EE8602	Protection and Switchgear	30	30	14	46.6	1
4.	EE8691	Embedded Systems	30	30	19	63.3	2
5.	EE8005	Special Electrical Machines	30	30	14	40.6	1
6.	EE8661	Power Electronics and Drives Laboratory	30	30	30	100	3
7.	EE8681	Microprocessors and Microcontrollers Laboratory	30	30	30	100	3
8.	EE8611	Mini Project	30	30	30	100	3
SEMESTER VII							
1.	EE8010	Power system transient	30	30	20	60.6	3
2.	EE8701	High Voltage Engineering	30	30	17	56.6	2
3.	EE8702	Power System Operation and Control	30	30	12	40	1
4.	EE8703	Renewable Energy Systems	30	30	17	56.6	2
5.	OB7751	Analytical Methods and Instrumentation	30	30	15	50	2
6.	EI8075	Fibre Optics and Laser Instrumentation	30	30	24	80	3
7.	EE8711	Power System Simulation	30	30	30	100	3

		Laboratory					
8.	EE8712	Renewable Energy Systems Laboratory	30	30	30	100	3
SEMESTER VIII							
1.	EE8015	Electric energy Generation, Utilization and Conservation	30	30	28	93.3	3
2.	EE8018	Microcontroller Based System Design	30	30	27	90	3
3.	EE8811	Project Work	30	30	30	100	3

K S R-INSTITUTE FOR ENGINEERING AND TECHNOLOGY

PO ATTAINMENT ANALYSIS

PROGRAM		COMPUTER SCIENCE AND ENGINEERING										BATCH		2019 - 2023	
COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C101	Communicative English	-	-	-	-	-	-	-	2.79	2.79	2.78	-	2.79	2.78	2.79
C102	Engineering Mathematics	2.40	2.41	2.40	-	-	-	-	-	2.41	-	-	-	2.40	2.41
C103	Engineering Physics	2.64	2.64	2.63	-	-	-	-	-	-	-	-	-	2.63	2.63
C104	Engineering Chemistry	2.69	2.68	2.69	-	-	-	-	-	-	-	-	-	2.69	2.68
C105	Problem Solving and Python Programming	2.75	2.76	2.75	-	-	-	-	-	-	-	-	-	2.75	2.76
C106	Engineering Graphics	2.61	2.62	2.62	-	2.62	-	-	2.61	2.61	2.61	-	2.61	2.61	2.61
C107	Problem Solving and Python Programming Laboratory	2.88	2.89	2.89	-	2.88	-	-	2.89	2.89	2.89	-	2.88	2.88	2.89
C108	Physics and Chemistry Laboratory	2.89	2.89	2.89	-	-	-	-	2.89	2.89	2.9	-	-	2.9	2.9
C109	Technical English	-	-	-	-	-	-	-	2.75	2.76	2.74	-	2.75	2.74	2.75
C110	Engineering Mathematics - II	2.55	2.54	2.55	-	-	-	-	-	2.54	-	-	-	2.55	2.55
C111	Physics for Electronics Engineering	2.64	2.63	2.64	-	-	-	-	-	-	-	-	-	2.64	2.63
C112	Basic Electrical, Electronics and Measurement Engineering	2.5	2.51	2.5	-	-	-	-	-	-	-	-	-	2.51	2.51
C113	Environmental Science and Engineering	2.79	2.78	2.79	-	-	-	2.78	2.79	2.78	2.79	-	2.78	2.79	2.79
C114	Programming in C	2.8	2.8	2.79	-	-	-	-	2.79	2.79	2.8	-	2.79	2.8	2.79
C115	Engineering Practices Laboratory	2.87	2.87	2.87	2.87	2.87	-	2.87	-	-	-	-	2.87	2.87	2.88

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C116	C Programming Laboratory	2.9	2.9	2.91	2.91	2.9	2.91	-	2.91	2.91	2.91	-	2.91	2.9	2.9
C201	Discrete Mathematics	2.79	2.79	2.78	-	-	-	-	-	2.78	-	-	-	2.79	2.79
C202	Digital Principles and Design	2.8	2.8	2.81	-	-	-	-	-	-	-	-	-	2.79	2.81
C203	Data Structures	2.82	2.83	2.83	-	-	-	-	-	-	-	-	-	2.82	2.82
C204	Object Oriented Programming	2.8	2.81	2.8	-	-	-	-	-	-	-	-	-	2.81	2.81
C205	Communication Engineering	2.85	2.85	2.84	-	-	-	-	-	-	-	-	-	2.85	2.84
C206	Data Structures Laboratory	2.9	2.9	2.9	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.9
C207	Object Oriented Programming Laboratory	2.89	2.89	2.89	-	-	-	-	2.89	2.89	2.89	-	2.89	2.89	2.89
C208	Digital Systems Laboratory	2.92	2.92	2.91	-	-	2.91	-	2.92	2.91	2.92	-	2.92	2.92	2.91
C209	&Speaking	-	-	-	-	-	-	-	2.89	2.9	2.9	-	2.9	2.9	2.91
C210	Probability and Queueing Theory	2.89	2.89	2.88	-	-	-	-	2.89	2.88	2.88	-	2.89	2.89	2.88
C211	Computer Architecture	2.87	2.87	2.88	-	-	-	-	-	-	-	-	-	2.87	2.88
C212	Database Management Systems	2.81	2.81	2.81	-	-	-	-	-	-	-	-	-	2.81	2.81
C213	Design and Analysis of Algorithms	2.82	2.81	2.82	-	-	-	-	-	2.81	2.81	-	2.82	2.82	2.82
C214	Operating Systems	2.84	2.85	2.84	-	-	-	-	-	-	-	-	-	2.85	2.84
C215	Software Engineering	2.84	2.83	2.83	-	2.84	2.84	-	2.83	2.83	2.83	-	2.84	2.84	2.84
C216	Database Management Systems Laboratory	2.9	2.9	2.9	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.91

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C217	Operating Systems, Laboratory	2.9	2.9	2.9	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.91
C218	Advanced Reading and Writing	-	-	-	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.91
C301	Algebra and Number Theory	2.79	2.79	2.79	-	-	-	-	-	2.79	-	-	-	2.79	2.79
C302	Computer Networks	2.89	2.88	2.88	-	-	-	-	-	-	-	-	-	2.89	2.89
C303	Microprocessors and Microcontrollers	2.8	2.8	2.79	-	-	-	-	-	-	-	-	-	2.8	2.8
C304	Theory of Computation	2.79	2.79	2.8	-	-	-	-	-	-	-	-	-	2.79	2.79
C305	Object Oriented Analysis and Design	2.9	2.9	2.91	-	-	2.91	-	-	-	-	-	-	2.91	2.91
C306	Hospital Waste Management	2.81	2.81	-	-	-	2.82	2.81	-	-	-	-	-	2.82	2.82
C307	Microprocessors and Microcontrollers Laboratory	2.87	2.87	2.87	-	-	-	-	2.86	2.87	2.86	-	2.87	2.86	2.86
C308	Object Oriented Analysis and Design Laboratory	2.9	2.9	2.89	-	-	2.89	-	2.89	2.9	2.9	-	2.9	2.9	2.89
C309	Networks Laboratory	2.9	2.9	2.9	-	-	-	-	2.89	2.9	2.89	-	2.89	2.89	2.9
C310	Internet Programming	2.87	2.88	2.87	-	-	-	-	2.88	2.87	2.87	-	2.87	2.87	2.88
C311	Artificial Intelligence	2.84	2.84	2.84	-	-	-	-	2.83	2.83	2.83	-	-	2.83	2.83
C312	Mobile Computing	2.85	2.85	2.85	-	-	-	-	-	-	-	-	-	2.86	2.85
C313	Compiler Design	2.8	2.8	2.79	-	-	-	-	2.8	2.8	2.79	-	2.8	2.8	2.8
C314	Distributed Systems	2.81	2.81	2.81	-	-	-	-	-	-	-	-	-	2.79	2.81

PRINCIPAL

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C315	Software Testing	2.87	2.87	2.87		2.87	2.87		2.86	2.86	2.86		2.86	2.86	2.87
C316	Internet Programming Laboratory	3	3	3	-	3	-	-	3	3	3	-	3	3	3
C317	Mobile Application Development Laboratory	3	3	3	-	3	3	-	3	3	3	-	3	3	3
C318	Mini Project	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
C319	Professional Communication	-	-	-	-	-	2.95	-	-	-	2.95	-	2.95	2.95	2.95
C401	Principles of Management	2.84	2.83	2.84	-	2.84	-	-	2.84	2.84	2.84	-	2.84	2.84	2.84
C402	Cryptography and Network Security	2.8	2.8	2.79	-	-	-	-	-	-	-	-	-	2.79	2.8
C403	Cloud Computing	2.83	2.83	2.82	-	-	-	-	-	-	-	-	-	2.82	2.84
C404	Supply Chain Management	2.8	-	-	-	2.81	-	-	-	-	-	2.8	-	2.81	2.81
C405	Software Project Management	2.85	2.85	2.85	-	-	2.85	-	2.85	2.85	2.85	2.85	2.85	2.85	2.85
C406	Human Computer Interaction	2.88	2.87	2.88	-	-	-	-	-	-	-	-	-	2.88	2.88
C407	Cloud Computing Laboratory	3.00	3.00	3.00	-	3.00	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00
C408	Security Laboratory	3.00	3.00	3.00	-	3.00	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00
C409	Professional Ethics in Engineering	2.83	2.83	2.83	-	-	-	-	2.83	-	-	-	2.83	-	-
C410	Green Computing	2.85	2.85	2.85	-	-	-	-	2.84	-	-	-	-	2.84	2.84
C411	Project Work	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
VAC1	Cloud Computing for AI	2.88	2.88	2.88	-	-	-	-	2.89	2.89	2.89	-	2.88	2.88	2.89
VAC2	IOT	2.89	2.89	2.89	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.9
VAC3	The Fundamental Aspects of HTML and PHP	2.87	2.87	2.87	-	2.87	-	-	-	2.87	2.87	-	-	2.87	2.87
VAC4	TM Life Skills	2.92	2.92	2.92	-	-	-	-	-	-	-	-	-	2.92	2.92
Direct Assessment Average		2.83	2.83	2.83	2.92	2.89	2.91	2.87	2.88	2.85	2.88	2.89	2.88	2.83	2.83
Direct Assessment (80%)		2.27	2.27	2.27	2.34	2.31	2.32	2.30	2.30	2.28	2.30	2.31	2.30	2.27	2.27
Indirect Assessment Average		2.56	2.58	2.48	2.41	2.43	2.52	2.56	2.32	2.33	2.21	2.11	2.22	2.24	2.23
Indirect Assessment (20%)		0.51	0.52	0.50	0.48	0.49	0.50	0.51	0.46	0.47	0.44	0.42	0.44	0.45	0.45
FINAL PO ATTAINMENT		2.78	2.78	2.76	2.82	2.80	2.83	2.81	2.76	2.75	2.74	2.73	2.75	2.71	2.71


HoD/CSE


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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Information Technology

ATTAINMENT OF PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES

Regulation 2017

BATCH: 2019-2023

Course	Name of the Course	Target Level: 3													
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C101	HS8151 Communicative English	-	-	-	-	-	-	-	3	3	3	3	3	-	3
C102	MA8151 Engineering Mathematics - I	1	1	1	1	-	-	-	-	-	-	-	1	1	-
C103	PH8151 Engineering Physics	1	1	1	1	-	1	1	-	-	1	-	1	-	-
C104	CY8151 Engineering Chemistry	1	1	1	-	1	1	1	-	-	-	-	1	-	-
C105	GE8151 Problem Solving and Python Programming	1	1	1	-	1	1	-	-	-	-	-	1	1	1
C106	GE8152 Engineering Graphics	2	2	2	2	2	2	-	-	-	2	-	-	-	-
C107	GE8161 Problem Solving and Python Programming Laboratory	3	3	3	-	3	3	-	3	3	3	-	3	3	3
C108	BS8161 Physics and Chemistry Laboratory	3	3	3	3	3	3	-	-	-	3	-	-	-	-
C109	HS8251 Technical English	-	-	-	-	-	-	-	2	2	2	2	2	-	2
C110	MA8251 Engineering Mathematics - II	1	1	1	1	-	-	-	-	-	1	-	1	1	1
C111	PH8252 Physics for Information Science	1	1	1	1	-	-	-	-	-	1	-	1	-	-
C112	BE8255 Basic Electrical, Electronics and Measurement Engineering	1	1	1	1	1	1	-	-	-	-	-	-	-	-
C113	IT8201 Information Technology Essentials	1	1	1	-	1	-	-	-	1	1	1	1	1	1
C114	CS8251 Programming in C	1	1	1	-	1	-	-	1	1	1	-	1	1	1
C115	GE8261 Engineering Practices Laboratory	3	3	3	-	-	-	3	-	3	-	3	-	-	-

Course	Name of the Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
C116	CS8261 C Programming Laboratory	3	3	3	-	3	3	-	-	-	3	3	3	3	3
C117	IT8211 Information Technology Essentials Laboratory	3	3	3	-	3	3	-	-	3	3	3	3	3	3
C201	MA8351 Discrete Mathematics	1	1	1	1	-	-	-	-	1	-	-	1	1	1
C202	CS8351 Digital Principles and System Design	1	1	1	1	1	1	1	-	1	1	1	1	-	-
C203	CS8391 Data Structures	2	2	2	2	-	-	-	-	2	-	-	-	2	2
C204	CS8392 Object Oriented Programming	2	2	2	2	2	2	2	2	2	-	-	-	2	2
C205	EC8394 Analog and Digital Communication	1	1	1	1	-	-	-	-	-	-	-	-	-	-
C206	CS8381 Data Structures Laboratory	3	3	3	3	3	-	-	-	3	-	-	-	3	3
C207	CS8383 Object Oriented Programming Laboratory	3	3	3	3	3	3	-	-	3	-	-	-	3	3
C208	CS8382 Digital Systems Laboratory	3	3	3	3	3	3	3	-	3	3	3	3	-	-
C209	HS8381 Interpersonal Skills/Listening & Speaking	-	-	-	-	-	-	-	3	3	3	3	3	-	-
C210	MA8391 Probability and Statistics	1	1	1	1	-	-	-	-	1	-	-	1	1	-
C211	CS8491 Computer Architecture	2	2	2	-	-	-	-	-	-	-	-	-	2	2
C212	CS8492 Database Management Systems	2	2	2	-	-	-	-	-	-	-	-	-	2	2
C213	CS8451 Design and Analysis of Algorithms	1	1	1	1	-	-	-	-	-	-	-	-	1	1
C214	CS8493 Operating Systems	2	2	2	2	-	-	-	-	-	-	-	-	2	2
C215	GE8291 Environmental Science and Engineering	3	3	3	3	3	3	3	3	-	-	-	3	-	-
C216	CS8481 Database Management Systems Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	3	3
C217	CS8461 Operating Systems Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	3	3

Course	Name of the Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
C218	HS8461 Advanced Reading and Writing	-	-	-	-	-	-	-	3	3	3	3	-	-	-
C301	MA8551 Algebra and Number Theory	1	1	1	-	-	-	-	-	-	-	-	-	1	1
C302	CS8591 Computer Networks	2	2	2	-	-	-	-	-	-	-	-	-	2	2
C303	EC8691 Microprocessors and Microcontrollers	1	1	1	-	-	-	-	-	-	-	-	-	1	-
C304	IT8501 Web Technology	3	3	3	-	3	-	-	-	-	-	-	-	3	3
C305	CS8494 Software Engineering	2	2	2	-	-	-	-	-	-	2	-	-	2	2
C306	OMD552 Hospital Waste Management	-	-	2	-	-	2	2	2	2	2	-	2	-	-
C307	EC8681 Microprocessors and Microcontrollers Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	-	-
C308	CS8581 Networks Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	3	3
C309	IT8511 Web Technology Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	3	3
C310	IT8601 Computational Intelligence	2	2	2	2	-	2	-	-	-	-	-	-	2	2
C311	CS8592 Object Oriented Analysis and Design	3	3	3	3	-	3	-	-	-	-	-	-	3	3
C312	IT8602 Mobile Communication	3	3	3	3	-	3	-	-	-	-	-	-	3	3
C313	CS8091 Big Data Analytics	3	3	3	3	-	3	-	-	-	-	-	-	-	3
C314	CS8092 Computer Graphics and Multimedia	2	-	2	-	2	-	-	-	-	-	-	-	-	2
C315	IT8076 Software Testing	3	3	-	3	-	-	-	-	-	-	-	-	3	3
C316	CS8662 Mobile Application Development Laboratory	3	-	3	-	3	-	-	-	-	-	-	-	3	3
C317	CS8582 Object Oriented Analysis and Design Laboratory	3	3	3	3	3	-	-	-	-	-	-	-	3	3
C318	IT8611 Mini Project	3	3	3	3	3	3	3	-	-	-	-	-	3	3
C319	HS8581 Professional Communication	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course	Name of the Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
C401	MG8591 Principles of Management	-	-	-	-	-	-	-	3	3	3	3	3	-	-
C402	CS8792 Cryptography and Network Security	3	3	3	3	-	3	-	-	-	-	-	-	3	3
C403	CS8791 Cloud Computing	3	3	3	3	-	3	-	-	-	-	-	-	3	3
C404	OME752 Supply Chain Management	-	-	-	-	-	-	-	3	3	3	3	3	-	-
C405	IT8075 Software Project Management	2	2	2	-	-	-	-	-	2	2	2	-	-	-
C406	CS8079 Human Computer Interaction	1	1	1	1	-	1	-	-	-	-	-	-	-	1
C407	IT8711 FOSS and Cloud Computing Laboratory	3	3	3	3	3	3	-	-	-	-	-	-	3	3
C408	IT8761 Security Laboratory	3	3	3	3	-	3	-	-	-	-	-	-	3	3
C409	GE8076 Professional Ethics in Engineering	-	-	-	-	-	3	-	-	-	-	-	-	3	3
C410	IT8005 Electronic Commerce	3	3	3	-	-	-	-	3	-	-	-	3	-	3
C411	IT8811 Project Work	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Direct Attainment	2.2	2.2	2.2	2.2	2.5	2.4	2.2	2.6	2.2	2.3	2.6	2.1	2.3	2.4
	Direct Attainment (80%)	1.8	1.7	1.7	1.7	2.0	1.9	1.7	2.1	1.8	1.8	2.1	1.7	1.8	1.9
	Indirect Attainment (20%)	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.5
	PO Attainment	2.2	2.2	2.2	2.2	2.5	2.4	2.2	2.6	2.2	2.3	2.6	2.1	2.3	2.4

Down
HOD/IT

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

PO ATTAINMENT ANALYSIS

PROGRAM		MECHANICAL ENGINEERING												BATCH		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
C101	Communicative English	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	
C102	Engineering Mathematics - I	2.35	2.35	2.35	2.35	2.35	-	-	2.35	-	-	-	2.35	2.35	2.35	
C103	Engineering Physics	2.35	2.35	2.35	2.35	-	-	-	-	-	2.35	-	2.35	2.35	2.35	
C104	Engineering Chemistry	2.29	2.29	2.29	2.29	-	2.29	2.29	-	-	2.29	-	2.29	-	-	
C105	Problem Solving and Python Programming	2	2	2	2	2	2	2	2	2	2	-	2	-	2.00	
C106	Engineering Graphics	2.26	2.26	2.26	2.26	2.26	-	-	2.26	2.26	2.26	2.26	2.26	-	2.26	
C107	Problem Solving and Python Programming Laboratory	2.91	2.91	2.91	2.91	2.91	-	-	2.91	2.91	2.91	2.91	2.91	2.91	2.91	
C108	Physics and Chemistry Laboratory	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	-	-	
C109	Technical English	2.88	2.88	2.88	2.88	-	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	
C110	Engineering Mathematics - II	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	
C111	Materials Science	2.73	2.73	2.73	2.73	2.73	-	-	2.73	2.73	-	-	2.73	2.73	2.73	
C112	Basic Electrical, Electronics and Instrumentation Engineering	2.85	2.85	2.85	2.85	-	-	-	-	-	2.85	-	2.85	2.85	2.85	
C113	Environmental Science and Engineering	2.82	2.82	2.82	2.82	-	2.82	2.82	-	-	2.82	-	2.82	2.82	-	

COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C114	Engineering Mechanics	2.85	2.85	2.85	2.85	-	-	-	-	-	2.85	-	2.85	2.85	-
C115	Engineering Practices Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	3.00	3.00
C116	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C201	Transforms and Partial Differential Equations	2.62	2.62	2.62	2.62	-	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62
C202	Engineering Thermodynamics	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79
C203	Fluid Mechanics and Machinery	2.62	2.62	2.62	2.62	2.62	-	-	-	2.62	-	-	-	2.62	2.62
C204	Manufacturing Technology - I	2.62	2.62	2.62	2.62	2.62	-	-	-	-	-	-	-	2.62	-
C205	Electrical Drives and Controls	2.82	2.82	2.82	2.82	-	-	-	-	-	-	-	-	2.82	-
C206	Manufacturing Technology Laboratory - I	3.00	-	-	-	3.00	-	-	-	-	-	-	-	-	2.00
C207	Computer Aided Machine Drawing	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00
C208	Electrical Engineering Laboratory	3.00	-	-	-	3.00	-	-	-	-	-	-	-	-	3.00
C209	Interpersonal Skills / Listening & Speaking	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00	-
C210	Statistics and Numerical Methods	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00	3.00
C211	Kinematics of Machinery	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C212	Manufacturing Technology - II	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	3.00
C213	Engineering Metallurgy	3.00	-	-	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C214	Strength of Materials for Mechanical Engineers	3.00	-	-	-	3.00	-	-	-	-	-	-	3.00	3.00	-

COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C215	Thermal Engineering- I	3.00	-	-	-	-	3.00	3.00	-	-	-	-	3.00	3.00	3.00
C216	Manufacturing Technology Laboratory – II	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00	3.00
C217	Strength of Materials and Fluid Mechanics and Machinery Laboratory	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C218	Advanced Reading and Writing	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	-	-	-	3.00	3.00
C301	Thermal Engineering- II	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-	-	3.00	3.00
C302	Design of Machine Elements	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-	3.00
C303	Metrology and Measurements	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-
C304	Dynamics of Machines	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	3.00
C305	Internal combustion Engine (OE-I)	3.00	3.00	-	-	-	-	-	-	-	-	-	3.00	3.00	3.00
C306	Kinematics and Dynamics Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
C307	Thermal Engineering Laboratory	3.00	-	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00	-	-	3.00
C308	Metrology and Measurements Laboratory	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	3.00
C309	Design of Transmission Systems	2.29	2.29	2.29	2.29	-	-	-	-	-	-	-	-	2.29	-
C310	Computer Aided Design and Manufacturing	2.26	2.26	2.26	-	-	-	-	-	2.26	-	-	2.26	-	3.00
C311	Heat and Mass Transfer	2.12	2.12	2.12	2.12	-	-	-	2.12	-	-	-	2.12	-	3.00
C312	Finite Element Analysis	2.00	2.00	2.00	-	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
C313	Hydraulics and Pneumatics	2.29	2.29	2.29	2.29	-	-	-	-	-	-	-	-	2.29	2.29

COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C314	Automobile Engineering (PE - I)	2.50	2.50	2.50	-	-	-	-	-	-	-	-	2.50	-	3.00
C315	CAD / CAM Laboratory	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00
C316	Design and Fabrication Project	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00	3.00
C317	Professional Communication	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	3.00
C401	Power Plant Engineering	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
C402	Process Planning and Cost Estimation	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47
C403	Mechatronics	2.44	2.44	2.44	2.44	-	2.44	2.44	-	-	-	-	-	2.44	-
C404	Robotics (OE-II)	2.53	2.53	2.53	2.53	2.53	-	-	-	-	-	-	-	-	3.00
C405	Unconventional Machining Processes (PE-II)	2.32	2.32	2.32	2.32	2.32	-	-	-	-	-	-	2.32	2.32	2.32
C406	Non Destructive Testing and Evaluation (PE-III)	2.76	-	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	-	3.00
C407	Simulation and Analysis Laboratory	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	-	3.00
C408	Mechatronics Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-	3.00
C409	Technical Seminar	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	-	-	3.00	3.00	3.00
C410	Principles of Management	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-	-	-	3.00	3.00
C411	Professional Ethics in Engineering (PE-VI)	2.47	2.47	-	-	-	-	-	-	-	-	-	-	3.00	3.00
C412	Project Work	3.00	3.00	-	3.00	-	-	-	3.00	-	-	3.00	-	3.00	3.00
VAC1	Innovation and Entrepreneur Management (IPR)	3.00	-	3.00	3.00	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00

COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
VAC2	Autocad	3.00		3.00	3.00	3.00	3.00			3.00	3.00		3.00		3.00
VAC3	Programming Language	3.00		3.00	3.00	3.00	3.00			3.00	3.00		3.00		3.00
	Direct Assessment Average	2.76	2.72	2.72	2.76	2.76	2.73	2.69	2.64	2.71	2.69	2.75	2.71	2.79	2.82
	Direct Assessment (80%)	2.21	2.18	2.18	2.20	2.20	2.18	2.15	2.11	2.17	2.15	2.20	2.17	2.23	2.25
	Indirect Assessment Average	2.76	2.72	2.72	2.76	2.76	2.73	2.69	2.64	2.71	2.69	2.75	2.71	2.79	2.82
	Indirect Assessment (20%)	0.55	0.54	0.54	0.55	0.55	0.55	0.54	0.53	0.54	0.54	0.55	0.54	0.56	0.56
	FINAL PO ATTAINMENT	2.76	2.72	2.72	2.76	2.76	2.73	2.69	2.64	2.71	2.69	2.75	2.71	2.79	2.82

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