



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

<b>S.No</b>	<b>Description</b>	<b>Page No</b>
1.	CO PO Attainment-Level Prescription & Norms	<b>2</b>
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3.	PO & PSO Attainment	<b>19-41</b>



# K S R 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

# **CO ATTAINMENT**


**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF EEE**

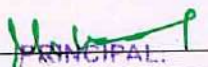
**CO ATTAINMENT**

**ACADEMIC YEAR: 2021-2022**

S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER I</b>					
1.	HS3151	Professional English - I	52	2.82	Attained
2.	MA3151	Matrices and Calculus	52	2.52	Attained
3.	PH3151	Engineering Physics	52	2.19	Not Attained
4.	CY3151	Engineering Chemistry	52	2.21	Not Attained
5.	GE3151	Problem Solving and Python Programming	52	2.72	Attained
6.	GE3171	Problem Solving and Python Programming Laboratory	52	2.95	Attained
7.	BS3171	Physics and Chemistry Laboratory	52	2.97	Attained
<b>SEMESTER II</b>					
1.	HS3251	Professional English - II	47	2.52	Attained
2.	MA3251	Statistics and Numerical Methods	47	2.45	Attained
3.	PH3202	Physics for Electrical Engineering	47	2.15	Not Attained
4.	BE3255	Basic Civil and Mechanical Engineering	47	2.31	Attained
5.	GE3251	Engineering Graphics	47	2.27	Attained
6.	EE3251	Electric Circuit Analysis	47	1.92	Not Attained
7.	GE3271	Engineering Practices Laboratory	47	2.94	Attained
8.	EE3271	Electric Circuits Laboratory	47	2.97	Attained
<b>SEMESTER III</b>					
1.	MA8353	Transforms and Partial Differential Equations	51	2.78	Attained
2.	EE8351	Digital Logic Circuits	51	2.86	Attained
3.	EE8391	Electromagnetic Theory	51	2.80	Attained
4.	EE8301	Electrical Machines - I	51	2.83	Attained
5.	EC8353	Electron Devices and Circuits	51	2.80	Attained
6.	ME8792	Power Plant Engineering	51	2.88	Attained
7.	EC8311	Electronics Laboratory	51	2.96	Attained
8.	EE8311	Electrical Machines Laboratory - I	51	2.95	Attained
<b>SEMESTER IV</b>					
1.	MA8491	Numerical Methods	51	2.19	Not Attained
2.	EE8401	Electrical Machines - II	51	2.31	Attained
3.	EE8402	Transmission and Distribution	51	2.54	Attained
4.	EE8403	Measurements and Instrumentation	51	2.48	Attained
5.	EE8451	Linear Integrated Circuits and Applications	51	2.38	Attained
6.	IC8451	Control Systems	51	2.18	Not Attained

  
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S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
7.	EE8411	Electrical Machines Laboratory - II	51	2.95	Attained
8.	EE8461	Linear and Digital Integrated Circuits Laboratory	51	2.97	Attained
9.	EE8412	Technical Seminar	51	2.94	Attained
<b>SEMESTER V</b>					
1.	EE8501	Power System Analysis	30	2.85	Attained
2.	EE8551	Microprocessors and Microcontrollers	30	2.88	Attained
3.	EE8552	Power Electronics	30	2.79	Attained
4.	EE8591	Digital Signal Processing	30	2.74	Attained
5.	CS8392	Object Oriented Programming	30	2.69	Attained
6.	OCE551	Air pollution and Control Engineering	30	2.81	Attained
7.	EE8511	Control and Instrumentation Laboratory	30	2.96	Attained
8.	HS8581	Professional Communication	30	2.98	Attained
9.	CS8383	Object Oriented Programming Laboratory	30	2.93	Attained
<b>SEMESTER VI</b>					
1.	EE8601	Solid State Drives	30	2.31	Attained
2.	EE8602	Protection and Switchgear	30	2.29	Attained
3.	EE8691	Embedded Systems	30	2.52	Attained
4.	EE8002	Design of Electrical Apparatus	30	2.16	Attained
5.	EE8005	Special Electrical Machines	30	2.43	Attained
6.	EE8661	Power Electronics and Drives Laboratory	30	2.95	Attained
7.	EE8681	Microprocessors and Microcontrollers Laboratory	30	2.97	Attained
8.	EE8611	Mini Project	30	2.98	Attained
<b>SEMESTER VII</b>					
1.	EE8701	High Voltage Engineering	23	2.85	Attained
2.	EE8702	Power System Operation and Control	23	2.84	Attained
3.	EE8703	Renewable Energy Systems	23	2.93	Attained
4.	OBT751	Analytical Methods and Instrumentation	23	2.84	Attained
5.	EI8075	Fibre Optics and Laser Instrumentation	23	2.51	Attained
6.	EE8010	Power Systems Transients	23	2.83	Attained
7.	EE8711	Power System Simulation Laboratory	23	2.97	Attained
8.	EE8712	Renewable Energy Systems Laboratory	23	2.98	Attained

  
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S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER VIII</b>					
1.	EE8015	Electric Energy Generation, Utilization and Conservation	23	2.46	Attained
2.	EE8018	Microcontroller Based System Design	23	2.41	Attained
3.	EE8811	Project Work	23	2.99	Attained

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*P. Veer*  
29/11/2020  
HOD/EEE

S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER I</b>					
1.	HS3151	Professional English -I	43	2.28	Attained
2.	MA3151	Matrices and Calculus	43	2.30	Attained
3.	PH3151	Engineering Physics	43	2.26	Attained
4.	CY3151	Engineering Chemistry	43	2.33	Attained
5.	GE3151	Problem Solving and Python Programming	43	2.33	Attained
6.	GE3171	Problem Solving and Python programming Laboratory	43	2.93	Attained
7.	BS3171	Physics and Chemistry Laboratory	43	2.93	Attained
<b>SEMESTER II</b>					
1.	HS3251	Professional English -II	42	2.30	Attained
2.	MA3251	Statistics and Numerical Methods	42	2.26	Attained
3.	PH3251	Material Science	42	2.30	Attained
4.	BE3251	Basic Electrical and Electronics Engineering	42	2.28	Attained
5.	GE3251	Engineering Graphics	42	2.40	Attained
6.	GE3271	Engineering Practices Laboratory	42	3.0	Attained
7.	BE3271	Basic Electrical and Electronics Engineering Laboratory	42	3.0	Attained
<b>SEMESTER III</b>					
1.	MA8353	Transforms and Partial Differential Equations	35	3.0	Attained
2.	ME8391	Engineering Thermodynamics	35	3.0	Attained
3.	CE8394	Fluid Mechanics and Machinery	35	2.86	Attained
4.	ME8351	Manufacturing Technology - I	35	2.97	Attained
5.	EE8353	Electrical Drives and Controls	35	2.94	Attained
6.	ME8361	Manufacturing Technology Laboratory - I	35	3.0	Attained
7.	ME8381	Computer Aided Machine Drawing	35	3.0	Attained
8.	EE8361	Electrical Engineering Laboratory	35	3.0	Attained
9.	HS8381	Interpersonal Skills / Listening & Speaking	35	3.0	Attained
<b>SEMESTER IV</b>					
1.	MA8452	Statistics and Numerical Methods	33	2.23	Not Attained
2.	ME8492	Kinematics of Machinery	35	2.26	Attained
3.	ME8451	Manufacturing Technology - II	35	2.40	Attained
4.	ME8491	Engineering Metallurgy	34	2.31	Attained
5.	CE8395	Strength of Materials for Mechanical Engineers	34	2.17	Not Attained
6.	ME8493	Thermal Engineering- I	34	2.23	Not Attained
7.	ME8462	Manufacturing Technology	35	3.0	Attained

  
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S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
		Laboratory – II			Attained
8.	CE8381	Strength of Materials and Fluid Mechanics and Machinery Laboratory	35	3.0	Attained
9.	HS8461	Advanced Reading and Writing	35	3.0	Attained
<b>SEMESTER V</b>					
1.	ME8595	Thermal Engineering- II	35	3.0	Attained
2.	ME8593	Design of Machine Elements	35	3.0	Attained
3.	ME8501	Metrology and Measurements	35	3.0	Attained
4.	ME8594	Dynamics of Machines	35	3.0	Attained
5.	OAT552	Internal Combustion Engine	35	3.0	Attained
6.	ME8511	Kinematics and Dynamics Laboratory	35	3.0	Attained
7.	ME8512	Thermal Engineering Laboratory	35	3.0	Attained
8.	ME8513	Metrology and Measurements Laboratory	35	3.0	Attained
<b>SEMESTER VI</b>					
1.	ME8651	Design of Transmission Systems	35	2.31	Attained
2.	ME8691	Computer Aided Design and Manufacturing	35	2.26	Attained
3.	ME8693	Heat and Mass Transfer	35	2.11	Not Attained
4.	ME8692	Finite Element Analysis	35	2.0	Not Attained
5.	ME8694	Hydraulics and Pneumatics	35	2.31	Attained
6.	ME8091	Automobile Engineering	35	2.51	Attained
7.	ME8681	CAD / CAM Laboratory	35	3.0	Attained
8.	ME8682	Design and Fabrication Project	35	3.0	Attained
9.	HS8581	Professional Communication	35	3.0	Attained
<b>SEMESTER VII</b>					
1.	ME8792	Power Plant Engineering	40	2.93	Attained
2.	ME8793	Process Planning and Cost Estimation	40	2.98	Attained
3.	ME8791	Mechatronics	40	2.93	Attained
4.	OIE751	Robotics	40	2.73	Attained
5.	ME8073	Unconventional Machining Processes	38	2.92	Attained
6.	ME8097	Non-Destructive Testing and Evaluation	38	2.97	Attained
7.	ME8711	Simulation and Analysis Laboratory	40	3.0	Attained
8.	ME8781	Mechatronics Laboratory	40	3.0	Attained
9.	ME8712	Technical Seminar	40	3.0	Attained
<b>SEMESTER VIII</b>					
1.	MG8591	Principles Of Management	38	2.42	Attained
2.	GE8076	Professional Ethics in Engineering	38	2.42	Attained
3.	ME8811	Project Work	40	3.0	Attained

  
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**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**ACADEMIC YEAR: 2021-2022**

S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER III</b>					
1.	MA8352	Linear Algebra and Partial Differential Equations	42	2.91	Attained
2.	EC8352	Signals and Systems	42	2.86	Attained
3.	BM8351	Anatomy and Human Physiology	42	2.56	Attained
4.	BM8301	Sensors and Measurements	42	2.72	Attained
5.	EC8352	Electron Devices and Circuits	42	2.81	Attained
6.	BM8302	Pathology and Microbiology	42	2.56	Attained
7.	BM8311	Pathology and Microbiology Laboratory	42	3	Attained
8.	BM8312	Devices and Circuits Laboratory	42	2.83	Attained
9.	BM8313	Human Physiology Laboratory	42	3	Attained
<b>SEMESTER IV</b>					
1.	MA8391	Probability and Statistics	42	1.69	Not Attained
2.	BM8401	Medical Physics	42	2.28	Attained
3.	EE8452	Basics of Electrical Engineering	42	2.28	Attained
4.	EC8453	Linear Integrated Circuits	42	2.43	Attained
5.	EC8393	Fundamentals of Data Structures In C	42	2.13	Not Attained
6.	EC8392	Digital Electronics	42	2.85	Attained
7.	EC8381	Fundamentals of Data Structures In C Laboratory	42	2.98	Attained
8.	BM8411	Integrated Circuits Laboratory	42	2.86	Attained

  
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# K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2021 – 2022

S. No	COURSE CODE	COURSE TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER - I</b>					
1	C101	Professional English - I	61	2.38	ATTAINED
2	C102	Matrices and Calculus	61	2.34	ATTAINED
3	C103	Engineering Physics	61	2.29	ATTAINED
4	C104	Engineering Chemistry	61	2.66	ATTAINED
5	C105	Problem Solving and Python Programming	61	2.46	ATTAINED
6	C106	Problem Solving Python and Programming Laboratory	61	3.00	ATTAINED
7	C107	Physics and Chemistry Laboratory	61	3.00	ATTAINED
<b>SEMESTER - II</b>					
1	C108	Professional English - II	61	2.40	ATTAINED
2	C109	Statistics and Numerical Methods	61	2.36	ATTAINED
3	C110	Physics for Electronics Engineering	61	2.40	ATTAINED
4	C111	Electrical and Instrumentation Engineering	61	2.46	ATTAINED
5	C112	Engineering Graphics	61	2.81	ATTAINED
6	C113	Circuit Analysis	61	2.39	ATTAINED
7	C114	Engineering Practices Laboratory	61	3.00	ATTAINED
8	C115	Circuits Analysis Laboratory	61	3.00	ATTAINED

Principal

**SEMESTER – III**


1	C201	Linear Algebra and Partial Differential Equations	57	2.81	ATTAINED
2	C202	Fundamentals of Data Structures in C	57	2.73	ATTAINED
3	C203	Electronic Circuits - I	57	2.81	ATTAINED
4	C204	Signals & Systems	57	2.83	ATTAINED
5	C205	Digital Electronics	57	2.88	ATTAINED
6	C206	Control System Engineering	57	2.85	ATTAINED
7	C207	Fundamentals of Data Structures in C Laboratory	57	3.00	ATTAINED
8	C208	Analog and Digital Circuits Laboratory	57	3.00	ATTAINED
9	C209	Interpersonal Skills/Listening & Speaking	57	3.00	ATTAINED

**SEMESTER – IV**

1	C210	Probability and Random Processes	55	2.37	ATTAINED
2	C211	Electronic Circuits II	55	2.38	ATTAINED
3	C212	Communication Theory	55	2.49	ATTAINED
4	C213	Electromagnetic Fields	55	2.62	ATTAINED
5	C214	Linear Integrated Circuits	55	2.57	ATTAINED
6	C215	Environmental Science and Engineering	55	2.52	ATTAINED
7	C216	Circuits Design and Simulation Laboratory	55	3.00	ATTAINED
8	C217	Linear Integrated Circuits Laboratory	55	3.00	ATTAINED

**SEMESTER – V**

1	C301	Digital Communication	37	2.77	ATTAINED
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2	C302	Discrete Time Signal Processing	37	2.79	ATTAINED
3	C303	Computer Architecture and Organization	37	2.78	ATTAINED
4	C304	Communication Networks	37	2.82	ATTAINED
5	C305	Medical Electronics	37	2.80	ATTAINED
6	C306	Renewable Energy Sources	37	2.77	ATTAINED
7	C307	Digital Signal Processing Laboratory	37	3.00	ATTAINED
8	C308	Communication Systems Laboratory	37	3.00	ATTAINED
9	C309	Communication Networks Laboratory	37	3.00	ATTAINED

**SEMESTER – VI**

1	C310	Microprocessors and Microcontrollers	37	2.50	ATTAINED
2	C311	VLSI Design	37	2.53	ATTAINED
3	C312	Wireless Communication	37	2.43	ATTAINED
4	C313	Principles of Management	37	2.63	ATTAINED
5	C314	Transmission Lines and RF Systems	37	2.52	ATTAINED
6	C315	Wireless Networks	37	2.54	ATTAINED
7	C316	Microprocessors and Microcontrollers Laboratory	37	3.00	ATTAINED
8	C317	VLSI Design Laboratory	37	3.00	ATTAINED
9	C318	Technical Seminar	37	3.00	ATTAINED
10	C319	Professional Communication	37	3.00	ATTAINED

**SEMESTER – VII**

1	C401	Antenna and Microwave Engineering	37	2.85	ATTAINED
2	C402	Optical Communication	37	2.55	ATTAINED

  
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3	C403	Embedded and Real Time Systems	37	2.78	ATTAINED
4	C404	Ad Hoc and Wireless Networks	37	2.92	ATTAINED
5	C405	Disaster Management	37	2.91	ATTAINED
6	C406	Industrial Safety	37	2.38	ATTAINED
7	C407	Embedded Laboratory	37	3.00	ATTAINED
8	C408	Advanced Communication Laboratory	37	3.00	ATTAINED
<b>SEMESTER - VIII</b>					
1	C409	Digital Image Processing	37	2.75	ATTAINED
2	C410	Satellite Communication	37	2.75	ATTAINED
3	C411	Project Work	37	3.00	ATTAINED

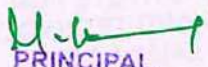
*P. Vignesh*  
25/10/22  
Programme Coordinator

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**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC YEAR: 2021-2022**

S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER I</b>					
1.	HS3151	Professional English - I	63	2.39	Attained
2.	MA3151	Matrices and Calculus	63	2.01	Not Attained
3.	PH3151	Engineering Physics	63	2.31	Attained
4.	CY3151	Engineering Chemistry	63	2.38	Attained
5.	GE3151	Problem Solving and Python Programming	63	2.39	Attained
6.	GE3171	Problem Solving and Python Programming Laboratory	63	3	Attained
7.	BS3171	Physics and Chemistry Laboratory	63	3	Attained
<b>SEMESTER II</b>					
1.	HS3251	Professional English - II	63	2.43	Attained
2.	MA3251	Statistics and Numerical Methods	63	2.08	Not Attained
3.	PH3256	Physics for Information science	63	2.28	Attained
4.	BE3251	Basics Electrical and Electronics Engineering	63	2.23	Not Attained
5.	GE3251	Engineering Graphics	63	2.04	Not Attained
6.	CS3251	Programming in C	63	3	Attained
7.	GE3271	Engineering Practices Laboratory	63	3	Attained
8.	GE3272	Programming in C Laboratory	63	3	Attained
<b>SEMESTER III</b>					
1.	MA8351	Discrete Mathematics	64	2.92	Attained
2.	CS8351	Digital Principles And System Design	64	2.83	Attained
3.	CS8391	Data Structures	64	2.82	Attained
4.	CS8392	Object Oriented Programming	64	2.84	Attained
5.	EC8395	Communication Engineering	64	2.88	Attained
6.	CS8381	Data Structures Laboratory	64	3	Attained
7.	CS8383	Object Oriented Programming Laboratory	64	3	Attained
8.	CS8382	Digital Systems Laboratory	64	3	Attained
9.	HS8381	Interpersonal Skills/Listening & Speaking	64	3	Attained
<b>SEMESTER IV</b>					
1.	MA8402	Probability and Queuing Theory	61	2.29	Attained
2.	CS8494	Software Engineering	61	2.54	Attained
3.	CS8491	Computer Architecture	61	2.47	Attained
4.	CS8492	Database Management Systems	61	2.52	Attained
5.	CS8451	Design And Analysis Of Algorithms	61	2.66	Attained
6.	CS8493	Operating Systems	61	2.45	Attained
7.	CS8481	Database Management Systems Laboratory	61	3	Attained

  
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S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
8.	CS8461	Operating Systems Laboratory	61	3	Attained
9.	HS8461	Advanced Reading and Writing	61	3	Attained
<b>SEMESTER V</b>					
1.	MA8551	Algebra and Number Theory	63	2.92	Attained
2.	CS8591	Computer Networks	63	2.91	Attained
3.	EC8691	Microprocessor and Micro Controller	63	2.76	Attained
4.	CS8501	Theory of Computation	63	2.77	Attained
5.	CS8592	Object Oriented Analysis and Design	63	2.85	Attained
6.	OMD552	Hospital Waste Management	41	2.83	Attained
7.	OME553	Industrial Safety Engineering	22	2.76	Attained
8.	EC8681	Microprocessor and Micro controller Laboratory	63	3	Attained
9.	CS8581	Networks Laboratory	63	3	Attained
10.	CS8582	Object Oriented Analysis and Design Laboratory	63	3	Attained
<b>SEMESTER VI</b>					
1.	CS8651	Internet Programming	62	2.65	Attained
2.	CS8691	Artificial Intelligence	62	2.45	Attained
3.	CS8601	Mobile Computing	62	2.63	Attained
4.	CS8602	Compiler Design	62	2.31	Attained
5.	CS8603	Distributed Systems	62	2.55	Attained
6.	IT8076	Software Testing	62	2.65	Attained
7.	CS8611	Mini Project	62	2.95	Attained
8.	CS8661	Internet Programming Laboratory	62	2.90	Attained
9.	CS8662	Mobile Application Development Laboratory	62	2.90	Attained
10.	HS8581	Professional Communication	62	2.90	Attained
<b>SEMESTER VII</b>					
1.	MG8591	Principles of Management	39	2.87	Attained
2.	CS8792	Cryptography and Network Security	39	2.91	Attained
3.	CS8791	Cloud Computing	39	2.84	Attained
4.	IT8075	Software Project Management	39	2.87	Attained
5.	CS8079	Human Computer Interaction	39	2.87	Attained
6.	OME752	Supply Chain Management	39	2.88	Attained
7.	CS8711	Cloud Computing Laboratory	39	3	Attained
8.	IT8761	Security Laboratory	39	3	Attained
<b>SEMESTER VIII</b>					
1.	GE8076	Professional Ethics in Engineering	39	2.70	Attained
2.	CS8078	Green Computing	39	2.66	Attained
3.	CS8811	Project Work	39	3	Attained

  
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 K S R KALVI NAGAR,  
 TIRUCHENGODE-637 215,  
 NAMAKKAL DI, TAMIL NADU.

  
 HOD/CSE 30/9/12

**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF IT**

**ACADEMIC YEAR : 2021-2022**

S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER I</b>					
1.	HS3151	Professional English - I	63	2.32	Attained
2.	MA3151	Matrices and Calculus	63	2.24	Not Attained
3.	PH3151	Engineering Physics	63	2.45	Attained
4.	CY3151	Engineering Chemistry	63	2.56	Attained
5.	GE3151	Problem Solving and Python Programming	63	2.46	Attained
6.	GE3152	Scientific Thoughts in Tamil	63	2.31	Attained
7.	GE3171	Problem Solving and Python Programming Laboratory	63	3.00	Attained
8.	BS3171	Physics and Chemistry Laboratory	63	3.00	Attained
9.	GE3172	English Laboratory	63	3.00	Attained
<b>SEMESTER II</b>					
1.	HS3251	Professional English - II	63	2.46	Attained
2.	MA3251	Statistics and Numerical Methods	63	2.25	Attained
3.	PH3256	Physics for Information Science	63	2.44	Attained
4.	BE3251	Basic Electrical and Electronics Engineering	63	2.22	Not Attained
5.	GE3251	Engineering Graphics	63	2.24	Not Attained
6.	CS3251	Programming in C	63	2.31	Attained
7.	GE3252	Heritage of Tamil	63	2.42	Attained
8.	GE3271	Engineering Practices Laboratory	63	3.00	Attained
9.	CS3271	Programming in C Laboratory	63	3.00	Attained
10.	GE3272	Communication Laboratory	63	3.00	Attained
<b>SEMESTER III</b>					
1.	MA8351	Discrete Mathematics	64	2.86	Attained
2.	CS8351	Digital Principles And System Design	64	2.91	Attained
3.	CS8391	Data Structures	64	2.78	Attained
4.	CS8392	Object Oriented Programming	64	2.86	Attained
5.	EC8394	Analog And Digital Communication	64	2.56	Attained
6.	CS8381	Data Structures Laboratory	64	2.98	Attained
7.	CS8383	Object Oriented Programming Laboratory	64	2.91	Attained
8.	CS8382	Digital Principal System Laboratory	64	2.93	Attained
9.	HS8381	Interpersonal Skills / Listening & Speaking	64	2.95	Attained

*[Signature]*  
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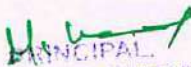



S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
<b>SEMESTER IV</b>					
1.	MA8391	Probability and Statistics	64	2.21	Not Attained
2.	CS8491	Computer Architecture	64	2.67	Attained
3.	CS8492	Database Management Systems	64	2.36	Attained
4.	CS8451	Design And Analysis Of Algorithms	64	2.71	Attained
5.	CS8493	Operating Systems	64	2.54	Attained
6.	GE8291	Environmental Science and Engineering	64	2.24	Not Attained
7.	CS8481*	Database Management Systems Laboratory	64	3.00	Attained
8.	CS8461	Operating Systems Laboratory	64	2.90	Attained
9.	HS8461	Advanced Reading and Writing	64	3.00	Attained
<b>SEMESTER V</b>					
1.	MA8551	Algebra and Number Theory	63	2.34	Attained
2.	CS8591	Computer Networks	63	2.75	Attained
3.	EC8691	Microprocessor and Micro Controller	63	2.45	Attained
4.	IT8501	Web Technology	63	2.85	Attained
5.	CS8494	Software Engineering	63	2.86	Attained
6.	OMD552	Hospital Waste Management	21	2.66	Attained
7.	OME553	Industrial Safety Engineering	42	2.72	Attained
8.	EC8681	Microprocessor and Micro controller Laboratory	63	3.00	* Attained
9.	CS8581	Networks Laboratory	63	3.00	Attained
10.	IT8511	Web Technology Laboratory	63	3.00	Attained
<b>SEMESTER VI</b>					
1.	IT8601	Computational Intelligence	63	2.41	Attained
2.	CS8592	Object Oriented Analysis and Design	63	2.28	Attained
3.	IT8602	Mobile Communication	63	2.53	Attained
4.	CS8091	Big Data Analytics	63	2.24	Not Attained
5.	CS8092	Computer Graphics and Multimedia	63	2.21	Not Attained
6.	IT8076	Software Testing	63	2.58	Attained
7.	CS8662	Mobile Application Development Laboratory	63	3.00	Attained
8.	CS8582	Object Oriented Analysis and Design Laboratory	63	3.00	Attained
9.	IT8611	Mini Project	63	3.00	Attained
10.	HS8581	Professional Communication	63	3.00	Attained
<b>SEMESTER VII</b>					
1.	MG8591	Principles of Management	33	2.66	Attained
2.	CS8792	Cryptography and Network Security	33	2.91	Attained
3.	CS8791	Cloud Computing	33	2.78	Attained
4.	OME752	Supply Chain Management	33	2.86	Attained
5.	IT8075	Software Project Management	33	2.76	Attained
6.	CS8079	Human Computer Interaction	33	2.81	Attained

  
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S. NO	SUBJECT CODE	SUBJECT TITLE	NO.OF STUDENTS	ATTAINMENT LEVEL	REMARKS
7.	IT8711	FOSS & Cloud Computing Laboratory	33	3.00	Attained
8.	IT8761	Security Laboratory	33	3.00	Attained
<b>SEMESTER VIII</b>					
1.	GE8076	Professional Ethics in Engineering	33	2.86	Attained
2.	IT8005	Electronics Commerce	33	2.91	Attained
3.	IT8811	Project Work	33	3.00	Attained

  
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# **PO ATTAINMENT**

**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

**PO ATTAINMENT ANALYSIS**

PROGRAM		ELECTRICAL AND ELECTRONICS ENGINEERING										BATCH		2018-2022	
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C101	Communicative English	-	-	-	-	-	-	-	2.76	2.76	2.76	-	2.76	-	-
C102	Engineering Mathematics - I	-	-	-	-	-	-	-	2.21	2.21	2.21	-	2.21	-	-
C103	Engineering Physics	2.26	2.26	2.26	2.26	-	2.26	-	-	-	2.26	-	2.26	2.26	2.26
C104	Engineering Chemistry	2.51	2.51	2.52	-	2.53	2.54	2.52	-	-	-	-	2.52	2.52	2.52
C105	Problem Solving and Python Programming	2.37	2.37	2.35	2.32	2.30	2.31	-	-	-	-	-	2.27	2.31	2.31
C106	Engineering Graphics	2.68	2.62	2.67	2.66	2.66	-	-	-	2.69	-	-	2.69	-	-
C107	Problem Solving and Python Programming Laboratory	3.00	3.00	3.00	-	3.00	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00
C108	Physics and Chemistry Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-
C109	Technical English	-	-	-	-	-	-	-	2.64	2.63	2.63	-	2.63	-	2.63
C110	Engineering Mathematics - II	2.18	2.18	2.18	2.18	2.18	-	-	-	2.18	-	2.18	2.18	2.18	2.18
C111	Physics for Electronics Engineering	2.32	2.32	2.32	2.32	-	2.32	-	-	-	2.34	-	2.34	-	-
C112	Basic Civil and Mechanical Engineering	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	-	-
C113	Circuit Theory	2.17	2.17	2.17	2.17	2.17	-	-	-	2.17	-	-	2.17	2.17	2.17
C114	Environmental Science and Engineering	2.25	-	-	-	-	2.25	2.25	-	-	-	-	2.25	2.25	2.25
C115	Engineering Practices Laboratory	3.00	-	3.00	-	-	-	3.00	-	3.00	-	-	3.00	-	-
C116	Electric Circuits Laboratory	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	2.29	2.29	2.29	2.29	2.29	-	-	-	2.29	-	2.29	2.29	2.29	2.29

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COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
NAME OF THE COURSE														
C202	2.24	2.24	2.24	2.24	2.23	2.22	-	2.24	2.24	2.24	-	2.24	2.24	2.24
C203	2.41	2.41	2.39	2.41	2.41	-	-	-	2.39	2.41	-	2.41	2.39	-
C204	2.27	2.27	2.27	2.27	2.27	-	-	-	2.27	-	-	2.27	2.27	-
C205	2.19	2.19	2.19	2.19	2.19	-	-	-	2.19	-	-	-	2.19	-
C206	2.32	2.32	-	-	-	-	2.32	2.32	-	-	-	-	2.32	-
C207	3.00	3.00	3.00	3.00	-	3.00	-	-	3.00	3.00	3.00	-	3.00	-
C208	2.91	2.91	2.91	2.91	2.91	-	-	-	2.91	2.91	2.91	2.91	2.91	2.91
C209	2.34	2.34	2.34	2.34	-	-	-	-	2.34	-	-	-	2.34	2.34
C210	2.32	2.32	2.32	2.32	2.32	-	2.32	-	2.32	-	-	2.32	2.32	-
C211	2.48	2.48	2.48	2.48	-	-	2.48	-	2.48	-	-	2.48	2.48	-
C212	2.35	2.35	2.35	2.35	-	-	-	-	-	-	-	2.35	2.35	-
C213	2.31	2.31	2.33	-	2.31	-	-	-	-	-	-	-	2.31	-
C214	2.25	2.25	2.25	2.25	2.25	-	-	-	2.25	-	-	2.25	2.25	2.25
C215	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	3.00	3.00	3.00	-
C216	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	3.00	3.00	3.00	-
C217	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
C301	2.54	2.54	2.54	2.54	2.54	-	2.54	-	-	-	-	2.54	2.54	-
C302	2.38	2.38	2.38	2.38	2.38	-	-	2.38	2.38	-	2.38	2.38	2.38	2.38
C303	2.27	2.27	2.27	2.25	2.27	-	2.27	-	-	-	-	2.27	2.27	-
C304	2.41	2.41	2.40	2.41	2.40	-	-	-	-	-	-	2.41	2.41	-

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C305	Object Oriented Programming	2.38	2.38	2.38	-	2.38	-	2.38	-	-	-	2.38	2.38	-	2.38
C306	Air Pollution and Control Engineering (OE-I)	2.30	2.30	2.30	2.30	2.30	-	2.30	-	-	-	-	2.30	-	-
C307	Control and Instrumentation Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00
C308	Professional Communication	-	-	-	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00
C309	Object Oriented Programming Laboratory	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00	-	3.00
C310	Solid State Drives	2.78	2.78	2.79	2.78	2.78	-	2.78	-	-	-	-	2.78	2.78	-
C311	Protection and Switchgear	2.81	2.81	2.81	2.81	2.81	-	2.81	-	-	-	-	2.81	2.81	-
C312	Embedded Systems	2.74	2.74	-	2.74	2.74	-	-	-	-	-	-	2.74	2.74	2.74
C313	Design of Electrical Apparatus (PE-I)	2.76	2.76	2.76	2.76	2.76	-	2.76	-	2.76	-	-	-	2.76	-
C314	Special Electrical Machines (PE-II)	2.82	2.82	2.82	-	-	-	2.82	-	-	-	-	-	2.82	-
C315	Power Electronics and Drives Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00	3.00	3.00
C316	Microprocessors and Microcontrollers Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00
C317	Mini Project	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
C401	High Voltage Engineering	2.84	2.85	-	-	-	-	2.85	-	-	-	-	-	-	-
C402	Power System Operation and Control	2.84	2.84	2.84	2.84	2.84	-	2.86	-	-	-	-	2.85	-	-
C403	Renewable Energy Systems	2.93	2.93	2.91	-	2.93	-	2.93	-	-	-	-	2.93	-	-

*M.V.*  
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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C404	Fibre Optics and Laser Instruments (PE-III)	2.51	2.51	2.50	2.51	2.51	-	2.50	-	-	-	-	2.51	2.51	-
C405	Power System Transients (PE-IV)	2.82			2.82	2.83	-	-	-	-	-	-	-	-	-
C406	Analytical Methods and Instrumentation (OE-II)	2.84	2.83	2.84	2.84	2.84	-	-	2.84	2.84	2.84	2.84	2.84	2.84	-
C407	Power System Simulation Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00
C408	Renewable Energy Systems Laboratory	3.00	-	3.00	3.00	3.00	-	-	-	-	3.00	-	3.00	-	-
C409	Electric Energy Generation, Utilization and Conservation (PE-V)	2.71	2.71	2.71	2.71	2.71	-	2.71	-	-	-	-	2.71	2.71	-
C410	Microcontroller Based System Design (PE-VI)	2.53	2.53	2.53	-	2.53	-	-	-	-	-	-	2.53	2.53	2.53
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
VAC1	Embedded C	2.63	-	2.63	-	2.63	-	-	-	2.63	-	2.63	-	2.63	2.63
VAC2	NI Multisim	2.71	2.71	2.71	2.71	2.71	-	-	-	2.71	-	-	2.71	2.71	-
VAC4	Innovative Projects Using Arduino	2.72	-	2.72	-	2.72	-	-	-	2.72	-	2.72	-	2.72	2.72
VAC5	Design Your Own Projects Using IoT	2.78	-	2.78	-	2.78	-	-	-	2.78	-	2.78	-	2.78	2.78
Direct Assessment Average		2.64	2.62	2.64	2.63	2.65	2.60	2.67	2.67	2.67	2.78	2.79	2.64	2.62	2.64
Direct Assessment (80%)		2.11	2.10	2.11	2.11	2.12	2.08	2.13	2.14	2.14	2.22	2.23	2.11	2.09	2.11
Indirect Assessment Average		2.74	2.63	2.51	2.58	2.51	2.49	2.60	2.40	2.52	2.48	2.41	2.72	2.58	2.51
Indirect Assessment (20%)		0.55	0.53	0.50	0.52	0.50	0.50	0.52	0.48	0.50	0.50	0.48	0.54	0.52	0.50
FINAL PO ATTAINMENT		2.66	2.62	2.61	2.62	2.63	2.58	2.65	2.62	2.64	2.72	2.72	2.65	2.61	2.62

*P. K. Govindarajan*  
HOD/EEE

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**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

**PO ATTAINMENT ANALYSIS**

PROGRAM		ELECTRONICS AND COMMUNICATION ENGINEERING												BATCH			2018 - 2022		
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2				
C101	HS8151 Communicative English	-	-	-	-	-	2.48	2.48	2.48	2.48	2.48	2.48	2.48	-	-				
C102	MA8151 Engineering Mathematics - I	2.36	2.36	2.36	2.36	-	-	-	2.36	-	-	2.36	2.36	-	-				
C103	PH8151 Engineering Physics	2.61	2.61	2.61	2.61	-	-	-	2.61	-	-	2.61	2.61	-	-				
C104	CY8151 Engineering Chemistry	2.37	2.37	2.37	2.37	-	2.37	2.37	-	-	-	2.37	2.37	-	-				
C105	GE8151 Problem Solving and Python Programming	2.54	2.54	2.54	2.54	2.54	2.54	-	-	-	-	2.54	2.54	2.54	2.54				
C106	GE8152 Engineering Graphics	2.57	2.57	2.57	2.57	2.57	-	-	-	-	2.57	2.57	2.57	-	-				
C107	GE8161 Problem Solving Python and Programming Laboratory	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	3.00	3.00	3.00	3.00				
C108	BS8161 Physics and Chemistry Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	3.00	-	3.00				
C109	HS8251 Technical English	-	-	-	-	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	-	-				
C110	MA8251 Engineering Mathematics - II	2.52	2.52	2.52	2.52	-	-	-	-	-	2.52	2.52	2.52	-	-				
C111	PH8253 Physics for Electronics Engineering	2.33	2.33	2.33	2.33	-	2.33	2.33	-	-	-	2.33	2.33	-	-				
C112	BE8254 Basic Electrical, Electronics and Measurement Engineering	2.31	2.31	2.31	2.31	-	2.31	2.31	-	-	-	2.31	2.31	-	-				
C113	EC8251 Circuit Analysis	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23				
C114	EC8252 Electronic Devices	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40				
C115	EC8261 Circuits and Devices 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				
C116	GE8261 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	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
C201	MA8352 Linear Algebra and Partial Differential Equations	2.28	2.28	2.28	2.28	2.28	-	-	-	2.28	-	2.28	2.28	-	-
C202	EC8393 Fundamentals of Data Structures in C	2.36	2.36	2.36	2.36	2.36	2.36	-	-	2.36	-	2.36	2.36	-	-
C203	EC8351 Electronic Circuits - I	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27
C204	EC8352 Signals & Systems	2.26	2.26	2.26	2.26	2.27	2.27	2.26	2.26	2.26	2.26	2.27	2.27	2.26	2.26
C205	EC8392 Digital Electronics	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26
C206	EC8391 Control System 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	-	-
C207	EC8381 Fundamentals of Data Structures in C 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
C208	EC8361 Analog and Digital Circuits 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
C209	HS8381 Interpersonal Skills/Listening & Speaking	-	-	-	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	-
C210	MA8451 Probability and Random Processes	2.60	2.60	2.60	2.60	2.60	-	-	-	2.60	-	2.60	2.60	-	-
C211	EC8452 Electronic Circuits II	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69
C212	EC8491 Communication Theory	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
C213	EC8451 Electromagnetic Fields	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	-
C214	EC8453 Linear Integrated Circuits	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
C215	GE8291 Environmental Science and Engineering	2.70	2.70	2.70	2.70	2.70	2.70	-	-	2.70	-	2.70	2.70	2.70	2.70
C216	EC8461 Circuits Design and Simulation 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
C217	EC8462 Linear Integrated Circuits 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

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C301	EC8501 Digital Communication	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55
C302	EC8553 Discrete Time Signal Processing	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49
C303	EC8552 Computer Architecture and Organization	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31
C304	EC8551 Communication Networks	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
C305	EC8073 Medical Electronics	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
C306	ORO551 Renewable Energy Sources	2.63	2.63	2.63	2.63	-	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	-
C307	EC8562 Digital Signal Processing 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
C308	EC8561 Communication Systems 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
C309	EC8563 Communication Networks 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
C310	EC8691 Microprocessors and Microcontrollers	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
C311	EC8095 VLSI Design	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78
C312	EC8652 Wireless Communication	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
C313	MG8591 Principles of Management	-	-	-	-	-	2.90	2.90	2.90	2.90	2.90	2.90	2.90	-	-
C314	EC8651 Transmission Lines and RF Systems	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89
C315	EC8004 Wireless Networks	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86
C316	EC8681 Microprocessors and Microcontrollers 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
C317	EC8661 VLSI Design 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
C318	EC8611 Technical Seminar	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-
C319	HS8581 Professional Communication	-	-	-	-	-	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
C401	EC8701 Antenna and Microwave Engineering	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
C402	EC8751 Optical Communication	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55
C403	EC8791 Embedded and Real Time Systems	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78
C404	EC8702 Ad Hoc and Wireless Networks	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
C405	GE8071 Disaster Management	-	-	-	-	-	2.91	2.91	2.91	2.91	2.91	2.91	2.91	-	-
C406	OME754 Industrial Safety						2.38	2.38	2.38	2.38	2.38	-	2.38	2.38	-
C407	EC8711 Embedded 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
C408	EC8761 Advanced Communication 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
C409	EC8093 Digital Image Processing	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
C410	EC8094 Satellite Communication	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
C411	EC8811 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
VAC1	LoRa WAN	2.36	2.36	2.36	2.36	2.36	2.36	2.36	-	-	-	2.36	2.36	2.36	2.36
VAC2	PIC Microcontroller	1.88	1.88	1.88	1.88	1.88	1.88	-	-	1.88	-	-	1.88	1.88	1.88
VAC3	Signal and Image Processing on Real Time Applications	2.13	2.13	2.13	2.13	2.13	2.13	-	-	2.13	-	-	2.13	2.13	2.13
VAC4	Circuit Debugging and Testing using MULTISIM	2.22	2.22	2.22	2.22	2.22	2.22	-	-	-	-	2.22	2.22	-	2.22

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
	Direct Assessment Average	2.65	2.65	2.65	2.65	2.67	2.68	2.73	2.74	2.69	2.74	2.69	2.67	2.70	2.70
	Direct Assessment (80%)	2.12	2.12	2.12	2.12	2.14	2.14	2.18	2.19	2.15	2.19	2.15	2.13	2.16	2.16
	Indirect Assessment Average	2.72	2.64	2.60	2.54	2.64	2.72	2.68	2.68	2.54	2.54	2.58	2.72	2.63	2.68
	Indirect Assessment (20%)	0.54	0.53	0.52	0.51	0.53	0.54	0.54	0.54	0.51	0.51	0.52	0.54	0.53	0.54
	FINAL PO ATTAINMENT	2.67	2.65	2.64	2.63	2.67	2.69	2.72	2.73	2.66	2.70	2.66	2.68	2.69	2.70

*P. [Signature]*  
Programme Coordinator

*[Signature]*  
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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO
C114	Engineering Mechanics	2.37	2.37	2.37	2.37	2.37	2.37						2.37		2.37
C115	Engineering Practices Laboratory	3.00		3.00				3.00		3.00			3.00		
C116	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	2.77	2.77	2.77	2.77	2.77				2.77			2.77		
C201	Transforms and Partial Differential Equations	2.18	2.18	2.18	2.18	2.18				2.18		2.18	2.18	2.18	2.18
C202	Engineering Thermodynamics	2.37	2.37	2.37	2.37	2.37					2.37			2.37	
C203	Fluid Mechanics and Machinery	2.21	2.21	2.21	2.21	2.21								2.21	
C204	Manufacturing Technology - I	2.32				2.32									2.32
C205	Electrical Drives and Controls	2.13				2.13		2.13					2.13	2.13	2.13
C206	Manufacturing Technology Laboratory - I	2.95				2.95									2.95
C207	Computer Aided Machine Drawing	2.95	2.95	2.95		2.95							2.95		2.95
C208	Electrical Engineering Laboratory	2.76	2.76	2.76	2.76	2.76				2.76			2.76	2.76	2.76
C209	Interpersonal Skills / Listening & Speaking								3.00	3.00	3.00		3.00		
C210	Statistics and Numerical Methods	2.71	2.71	2.71	2.71	2.71				2.71			2.71	2.71	2.71
C211	Kinematics of Machinery	2.68	2.68	2.68	2.68	2.68									2.68
C212	Manufacturing Technology - II	2.87			2.87	2.87	2.87	2.87					2.87	2.87	2.87
C213	Engineering Metallurgy	2.79				2.79									2.79

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C214	Strength of Materials for Mechanical Engineers	2.76	2.76	2.76	2.76										2.76
C215	Thermal Engineering- I	2.76	2.76		2.76	2.76							2.76	2.76	
C216	Manufacturing Technology Laboratory –II	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			
C218	Advanced Reading and Writing								3.00	3.00	3.00		3.00		
C301	Thermal Engineering- II	2.97	2.97	2.97	2.97	2.97							2.97	2.97	
C302	Design of Machine Elements	2.92	2.92	2.92	2.92		2.92	2.92			2.92		2.92		2.92
C303	Metrology and Measurements	2.61	2.61		2.61		2.61	2.61			2.61		2.61	2.61	2.61
C304	Dynamics of Machines	2.89	2.89	2.89	2.89	2.89					2.89		2.89		2.89
C305	Renewable Energy Sources (OE-I)	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
C306	Kinematics and Dynamics Laboratory	3.00	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	
C308	Metrology and Measurements Laboratory	3.00	3.00	3.00	3.00		3.00	3.00		3.00	3.00		3.00		3.00
C309	Design of Transmission Systems	3.00	3.00	3.00	3.00		3.00	3.00	3.00		3.00		3.00		3.00
C310	Computer Aided Design and Manufacturing	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92			2.92		2.92
C311	Heat and Mass Transfer	2.97	2.97	2.97	2.97		2.97	2.97					2.97	2.97	

  
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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C312	Finite Element Analysis	2.97	2.97	2.97			2.97	2.97					2.97		2.97
C313	Hydraulics and Pneumatics	2.95	2.95	2.95	2.95	2.95							2.95		2.95
C314	Automobile Engineering (PE -I)	2.92	2.92	2.92	2.92	2.92							2.92		
C315	CAD / CAM Laboratory	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	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		
C401	Power Plant Engineering	2.93	2.93	2.93	2.93		2.93	2.93						2.93	
C402	Process Planning and Cost Estimation	2.98	2.98	2.98	2.98		2.98	2.98					2.98		2.98
C403	Mechatronics	2.93	2.93	2.93	2.93	2.93							2.93		2.93
C404	Robotics (OE-II)	2.73	2.73	2.73	2.73	2.73							2.73		2.73
C405	Unconventional Machining Processes (PE-II)	2.92	2.92	2.92	2.92								2.92	2.92	2.92
C406	Non Destructive Testing and Evaluation (PE-III)	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97		2.97	2.97	2.97	2.97	2.97
C407	Simulation and Analysis Laboratory	3.00	3.00	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	3.00
C409	Technical Seminar	3.00							3.00	3.00	3.00		3.00	3.00	3.00
C410	Principles of Management						2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42

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C411	Professional Ethics in Engineering (PE-VI)						2.42	2.42	2.42	2.42	* 2.42	2.42			2.42
C412	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
Direct Assessment Average		2.76	2.77	2.77	2.76	2.79	2.77	2.82	2.82	2.74	2.78	2.69	2.77	2.72	2.76
Direct Assessment (80%)		2.21	2.21	2.21	2.21	2.23	2.21	2.26	2.26	2.19	2.22	2.15	2.22	2.18	2.20
Indirect Assessment Average		2.76	2.77	2.77	2.76	2.79	2.77	2.82	2.82	2.74	2.78	2.69	2.77	2.72	2.76
Indirect Assessment (20%)		0.55	0.55	0.55	0.55	0.56	0.55	0.56	0.56	0.55	0.56	0.54	0.55	0.54	0.55
FINAL PO ATTAINMENT		2.76	2.77	2.77	2.76	2.79	2.77	2.82	2.82	2.74	2.78	2.69	2.77	2.72	2.76

*S. S. Srinivasan*  
HOD/MECH

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PO ATTAINMENT ANALYSIS

PROGRAM		INFORMATION TECHNOLOGY											BATCH			2018 - 2022	
COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2		
C101	HS8151 Communicative English	-	-	-	-	-	-	-	2.76	2.76	2.76	-	2.76	-	-		
C102	MA8151 Engineering Mathematics - I	2.60	2.20	1.80	2.40	-	-	-	-	2.20	-	-	1.80	2.00	-		
C103	PH8151 Engineering Physics	2.64	2.75	2.58	2.75	-	2.00	-	-	-	2.00	-	2.00	-	-		
C104	CY8151 Engineering Chemistry	2.60	1.60	2.00	-	1.33	2.00	2.75	-	-	-	-	1.75	-	-		
C105	GE8151 Problem Solving and Python Programming	3.00	2.00	1.00	1.00	1.00	1.00	-	-	-	-	-	1.00	3.00	1.00		
C106	GE8152 Engineering Graphics	2.50	2.60	2.80	2.40	2.60	-	-	-	2.00	-	-	2.20	-	-		
C107	GE8161 Problem Solving Python and Programming Laboratory	3.00	3.00	3.00	-	3.00	-	-	3.00	3.00	3.00	-	2.80	3.00	1.00		
C108	BS8161 Physics and Chemistry Laboratory	3.00	3.00	2.00	2.00	2.00	1.00	1.00	-	-	-	-	1.00	-	-		
C109	HS8251 Technical English	-	-	-	-	-	-	-	2.60	2.80	2.70	-	2.60	-	1.00		
C110	MA8251 Engineering Mathematics - II	2.20	2.40	1.80	2.20	1.00	-	-	-	2.40	-	1.00	1.40	2.00	-		
C111	PH8252 Physics for Information Science	2.80	2.60	2.50	2.40	-	2.66	-	-	-	2.50	-	2.66	-	-		
C112	BE8255 Basic Electrical, Electronics and Measurement Engineering	2.40	1.80	1.00	2.00	2.00	2.00	-	-	-	-	-	1.66	-	-		
C113	IT8201 Information Technology Essentials	2.60	2.75	2.75	-	2.50	-	-	-	2.15	2.20	-	1.66	2.00	2.00		
C114	CS8251 Programming in C	2.36	2.36	2.36	-	2.00	-	-	2.00	2.00	1.60	-	2.36	2.40	2.00		
C115	GE8261 Engineering Practices Laboratory	2.60	-	2.20	-	-	-	1.60	-	2.30	-	-	1.50	-	-		
C116	CS8261 C Programming Laboratory	2.60	2.50	2.40	-	2.50	-	-	-	-	-	-	2.00	3.00	1.80		
C117	IT8211 Information Technology Essentials Laboratory	2.40	2.60	2.40	2.40	2.60	-	-	-	2.40	2.40	-	2.20	2.40	2.10		

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C201	MA8351 Discrete Mathematics	2.30	2.20	1.80	2.20	-	-	-	-	2.40	-	-	1.40	2.00	-
C202	CS8351 Digital Principles and System Design	2.80	2.60	2.80	2.80	2.00	1.80	2.60	-	1.20	1.20	2.20	2.20	-	-
C203	CS8391 Data Structures	2.60	2.60	2.40	1.50	-	-	-	-	1.50	-	-	-	2.80	1.20
C204	CS8392 Object Oriented Programming	2.42	2.60	2.60	2.20	-	-	-	-	2.20	-	-	-	2.40	2.60
C205	EC8394 Analog and Digital Communication	2.60	1.80	1.80	1.80	-	-	-	-	-	-	-	-	-	-
C206	CS8381 Data Structures Laboratory	2.80	2.40	2.60	1.60	-	-	-	-	1.60	-	-	-	2.60	1.20
C207	CS8383 Object Oriented Programming Laboratory	2.80	2.40	2.60	1.60	-	1.00	-	-	2.75	-	-	-	2.60	2.70
C208	CS8382 Digital Systems Laboratory	2.80	2.60	2.80	2.80	2.00	1.80	2.60	-	1.20	1.30	2.20	2.40	-	-
C209	HS8381 Interpersonal Skills/Listening & Speaking	-	-	-	-	-	-	-	3.00	3.00	3.00	-	3.00	-	-
C210	MA8391 Probability and Statistics	2.60	2.80	2.50	2.60	-	-	-	-	2.80	-	-	2.60	2.80	-
C211	CS8491 Computer Architecture	2.60	2.80	2.50	2.60	-	2.60	-	2.50	2.50	-	2.60	2.80	2.50	2.60
C212	CS8492 Database Management Systems	2.60	2.50	2.60	-	-	-	-	-	-	-	-	-	2.60	2.50
C213	CS8451 Design and Analysis of Algorithms	2.60	2.60	2.50	2.50	-	-	-	-	-	-	-	-	2.80	2.50
C214	CS8493 Operating Systems	2.50	2.60	2.60	-	-	-	-	-	-	-	-	-	2.80	2.50
C215	GE8291 Environmental Science and Engineering	2.80	2.70	2.60	2.50	2.60	2.60	2.50	2.80	-	-	-	2.70	-	-
C216	CS8481 Database Management Systems Laboratory	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C217	CS8461 Operating Systems Laboratory	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	3.00	3.00
C218	HS8461 Advanced Reading and Writing	-	-	-	-	-	-	-	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
C301	MA8551 Algebra and Number Theory	2.60	2.60	2.70	-	-	-	-	-	-	-	-	-	2.50	-
C302	CS8591 Computer Networks	2.60	2.50	2.60	-	-	-	-	-	-	-	-	-	2.50	2.70
C303	EC8691 Microprocessors and Microcontrollers	2.50	2.60	2.70	-	-	-	-	-	-	-	-	-	2.60	-
C304	IT8501 Web Technology	2.60	2.50	2.60	-	2.50	-	-	-	-	-	-	-	2.60	-
C305	CS8494 Software Engineering	2.60	2.70	2.50	-	-	-	-	-	-	-	-	-	2.50	2.60
C306	OMD552 Hospital Waste Management	-	-	2.50	-	-	2.80	2.80	2.50	2.80	2.60	-	2.80	-	-
C307	EC8681 Microprocessors and Microcontrollers Laboratory	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	-	-
C308	CS8581 Networks Laboratory	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C309	IT8511 Web Technology Laboratory	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C310	IT8601 Computational Intelligence	2.50	2.60	2.50	2.60	-	2.60	-	-	-	-	-	-	2.60	2.50
C311	CS8592 Object Oriented Analysis and Design	2.50	2.60	2.80	2.50	-	-	-	-	-	-	-	-	2.80	2.60
C312	IT8602 Mobile Communication	2.70	2.50	2.60	-	-	-	-	-	-	-	-	-	2.60	2.50
C313	CS8091 Big Data Analytics	2.50	2.70	2.60	2.60	-	2.50	-	-	-	-	-	-	-	2.70
C314	CS8092 Computer Graphics and Multimedia	2.50	-	2.60	-	2.70	-	-	-	-	-	-	-	-	2.50
C315	IT8076 Software Testing	2.50	2.60	-	2.70	-	-	-	-	-	-	-	-	2.60	2.50
C316	CS8662 Mobile Application Development Laboratory	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	3.00	3.00
C317	CS8582 Object Oriented Analysis and Design Laboratory	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00	3.00
C318	IT8611 Mini Project	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00
C319	HS8581 Professional Communication	-	-	-	-	-	-	-	-	-	-	-	-	-	-

  
**PRINCIPAL**

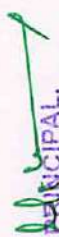
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TIRUCHENGODE-637 215,  
NARAYAN PET, TAMIL NADU.**

COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C401	MG8591 Principles of Management	-	-	-	-	-	-	-	2.50	2.60	2.70	2.80	2.50	-	-
C402	CS8792 Cryptography and Network Security	2.50	2.60	2.60	2.70	-	2.80	-	-	-	-	-	-	2.50	2.50
C403	CS8791 Cloud Computing	2.50	2.60	2.60	2.60	-	2.50	-	-	-	-	-	-	-	-
C404	OME752 Supply Chain Management	2.50	2.70	2.80	-	-	-	-	-	2.50	2.50	2.60	-	-	-
C405	IT8075 Software Project Management	2.50	2.60	2.60	-	-	-	-	-	2.60	2.60	2.80	-	-	2.70
C406	CS8079 Human Computer Interaction	2.50	2.60	2.60	2.60	-	2.60	-	-	-	-	-	-	-	3.00
C407	IT8711 FOSS and Cloud Computing Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	3.00	3.00
C408	IT8761 Security Laboratory	3.00	3.00	3.00	2.00	-	3.00	-	2.80	-	-	-	2.50	-	-
C409	GE8076 Professional Ethics in Engineering	-	-	-	-	-	-	-	-	-	-	-	2.60	-	2.60
C410	IT8005 Electronic Commerce	2.60	2.50	2.70	-	-	-	-	-	-	-	2.50	2.60	-	2.60
C411	IT8811 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
VAC1	Advanced C Programming	2.44	2.44	2.44	2.44	-	-	-	-	2.44	2.44	2.44	-	2.44	2.44
VAC2	Web Designing	2.38	2.38	2.38	2.38	2.38	2.38	-	-	2.38	2.38	2.38	2.38	2.38	2.38
VAC3	Advanced Jva Programming	2.58	2.58	2.58	2.58	2.58	2.58	-	-	2.58	-	-	2.58	2.58	2.58
VAC4	HTML and CSS	2.47	2.47	2.47	2.47	-	-	-	-	2.47	2.47	2.47	-	2.47	2.47
VAC5	J2SE-Core Java	2.65	2.65	2.65	2.65	2.65	2.65	-	-	2.65	2.65	-	2.65	2.65	2.65


  
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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
	Direct Assessment Average	2.66	2.61	2.54	2.40	2.46	2.33	2.43	2.71	2.39	2.42	2.42	2.26	2.64	2.43
	Direct Assessment (80%)	2.13	2.09	2.03	1.92	1.97	1.86	1.94	2.16	1.91	1.93	1.94	1.81	2.12	1.95
	Indirect Assessment Average	2.73	2.61	2.54	2.51	2.59	2.57	2.60	2.60	2.56	2.56	2.59	2.62	2.63	2.67
	Indirect Assessment (20%)	0.55	0.52	0.51	0.50	0.52	0.51	0.52	0.52	0.51	0.51	0.52	0.52	0.53	0.53
	FINAL PO ATTAINMENT	2.67	2.61	2.54	2.42	2.49	2.38	2.46	2.68	2.43	2.45	2.45	2.33	2.64	2.48

  
Programme Coordinator

  
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TIRUCHENGODE-637 215,  
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COMPUTER SCIENCE AND ENGINEERING

2018-2022

PROGRAM	COMPUTER SCIENCE AND ENGINEERING											BATCH		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C101	-	-	-	-	-	-	-	2.74	2.74	2.73	-	2.73	2.73	2.74
C102	2.19	2.20	2.19	-	-	-	-	-	2.19	-	-	-	2.19	2.19
C103	2.41	2.41	2.41	-	-	-	-	-	-	-	-	-	2.41	2.41
C104	2.31	2.31	2.31	-	-	-	-	-	-	-	-	-	2.31	2.31
C105	2.49	2.49	2.49	-	-	-	-	-	-	-	-	-	2.49	2.49
C106	2.43	2.43	2.43	-	2.43	-	-	2.43	2.43	2.43	-	2.43	2.43	2.43
C107	2.87	2.87	2.87	-	2.87	-	-	2.87	2.87	2.87	-	2.87	2.87	2.88
C108	2.86	2.86	2.86	-	-	-	-	2.86	2.86	2.86	-	-	2.86	2.87
C109	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
C110	2	1.98	1.98	-	-	-	-	-	2	-	-	-	2	2
C111	2.38	2.38	2.38	-	-	-	-	-	-	-	-	-	2.38	2.38
C112	2.34	2.34	2.34	-	-	-	-	-	-	-	-	-	2.34	2.34
C113	2.66	2.66	2.66	-	-	-	2.66	2.66	2.66	2.66	-	2.66	2.66	2.66
C114	2.41	2.41	2.41	-	-	-	-	2.41	2.41	2.41	-	2.41	2.41	2.41
C115	2.87	2.87	2.87	-	2.87	-	2.87	-	-	-	-	2.87	2.87	2.88
C116	2.83	2.83	2.83	-	2.83	2.83	-	2.83	2.83	2.83	-	2.83	2.83	2.84
C201	2.31	2.31	2.31	-	-	-	-	-	2.31	-	-	-	2.31	2.31
C202	2.21	2.2	2.21	-	-	-	-	-	-	-	-	-	2.21	2.21
C203	2.47	2.46	2.46	-	-	-	-	-	-	-	-	-	2.47	2.47
C204	2.58	2.58	2.58	-	-	-	-	-	-	-	-	-	2.58	2.58
C205	2.27	2.27	2.27	-	-	-	-	-	-	-	-	-	2.27	2.28
C206	2.79	2.79	2.79	-	-	-	-	2.79	2.79	2.79	-	2.79	2.79	2.8
C207	2.86	2.86	2.86	-	-	-	-	2.85	2.85	2.85	-	2.86	2.86	2.87
C208	2.72	2.72	2.73	-	-	2.72	-	2.72	2.72	2.72	-	2.65	2.72	2.73
C209	-	-	-	-	-	-	-	2.89	2.9	2.9	-	2.9	2.9	2.91
C210	2.84	2.84	2.84	-	-	-	-	2.84	2.84	2.84	-	2.84	2.84	2.84
C211	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	2.73	2.73

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COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
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	2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	2.75	2.75
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
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	2.71	2.71	2.71	-	-	-	-	-	2.71	-	-	-	2.71	2.71
C302	Computer Networks	2.88	2.87	2.88	-	-	-	-	-	-	-	-	-	2.88	2.88
C303	Microprocessors and Microcontrollers	2.25	2.26	2.25	-	-	-	-	-	-	-	-	-	2.25	2.26
C304	Theory of Computation	2.81	2.81	2.81	-	-	-	-	-	-	-	-	-	2.81	2.81
C305	Object Oriented Analysis and Design	2.77	2.76	2.77	-	-	2.77	-	-	-	-	-	-	2.77	2.77
C306	Hospital Waste Management	2.70	2.71	-	-	-	2.71	2.71	-	-	-	-	-	2.71	2.71
C307	Microprocessors and Microcontrollers Laboratory	2.85	2.85	2.85	-	-	-	-	2.85	2.85	2.85	-	2.85	2.85	2.86
C308	Object Oriented Analysis and Design Laboratory	2.84	2.84	2.84	-	2.84	2.84	-	2.84	2.84	2.84	-	2.84	2.84	2.85
C309	Networks Laboratory	2.84	2.84	2.84	-	-	-	-	2.83	2.83	2.84	-	2.84	2.84	2.85
C310	Internet Programming	2.88	2.88	2.89	-	-	-	-	2.88	2.87	2.88	-	2.88	2.88	2.88
C311	Artificial Intelligence	2.82	2.82	2.82	-	-	-	-	2.82	2.82	2.82	-	-	2.82	2.82
C312	Mobile Computing	2.86	2.87	2.86	-	-	-	-	-	-	-	-	-	2.86	2.86
C313	Compiler Design	2.64	2.64	2.64	-	-	-	-	2.64	2.64	2.64	-	2.64	2.64	2.64
C314	Distributed Systems	2.86	2.86	2.86	-	-	-	-	-	-	-	-	-	2.86	2.86
C315	Software Testing	2.8	2.8	2.8	-	-	-	-	2.8	2.8	2.8	-	2.8	2.8	2.81
C316	Internet Programming Laboratory	2.9	2.9	2.9	-	2.9	-	-	2.9	2.9	2.9	-	2.9	2.9	2.9
C317	Mobile Application Development Laboratory	2.9	2.9	2.9	-	2.9	2.9	-	2.9	2.9	2.9	-	2.9	2.9	2.91
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
C319	Professional Communication	-	-	-	-	-	2.88	-	-	-	-	-	2.88	2.88	2.89
C401	Principles of Management	2.87	2.87	2.87	2.87	-	-	-	2.87	2.87	2.87	2.87	2.87	2.87	2.87



COURSE CODE	NAME OF THE COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C402	Cryptography and Network Security	2.91	2.91	2.91	-	-	-	-	-	-	-	-	-	2.91	2.91
C403	Cloud Computing	2.84	2.84	2.84	-	-	-	-	-	-	-	-	-	2.84	2.84
C404	Supply Chain Management	2.88	-	-	-	2.88	-	-	-	-	-	2.88	-	2.88	2.88
C405	Software Project Management	2.87	2.87	2.87	-	-	2.87	-	2.87	2.87	2.87	2.87	2.87	2.87	2.87
C406	Human Computer Interaction	2.87	2.87	2.88	-	-	-	-	-	-	-	-	-	2.87	2.87
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	-	-	-	-	-	2.7	2.7	2.7	2.7	2.74	-	2.69	2.7	2.69
C410	Green Computing	2.67	2.66	2.66	-	-	-	-	-	-	-	-	-	2.66	2.66
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
VAC1	Hands-on Design Patterns with C++	2.88	2.88	2.88	-	-	-	-	2.89	2.89	2.89	-	2.88	2.88	2.89
VAC2	Server side Scripting Languages	2.89	2.89	2.89	-	-	-	-	2.9	2.9	2.9	-	2.9	2.9	2.9
VAC3	Virtualization and Cloud Platforms	2.87	2.87	2.87	-	2.87	-	-	-	2.87	2.87	-	-	2.87	2.87
VAC4	Hardware Troubleshooting and Video Editing	2.92	2.92	2.92	-	-	-	-	-	-	-	-	-	2.92	2.92
VAC5	Personality and Softskill Development	2.86	2.86	2.86	-	2.86	-	-	2.86	2.86	2.86	-	-	2.86	2.87
Direct Assessment Average		2.72	2.72	2.72	2.89	2.86	2.83	2.81	2.82	2.77	2.82	2.90	2.82	2.72	2.73
Direct Assessment (80%)		2.18	2.17	2.17	2.32	2.29	2.26	2.25	2.25	2.21	2.26	2.32	2.25	2.18	2.18
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		2.69	2.69	2.67	2.80	2.78	2.77	2.76	2.72	2.68	2.70	2.75	2.70	2.63	2.63

*Signature*  
HoD/CSE 30/09/22

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