



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

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Cherukupally (Village), Near Tagarapuvalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162.

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2.6.2 Attainment of program outcomes and course outcomes are evaluated by the institution

Sl. No	Particular	Page No
1	Computer Science Engineering Department	2-8
2	Electronics & Communication Engineering Department	9-15
3	Mechanical Engineering Department	16-22
4	Electrical & Electronics Engineering Department	23-29
5	CIVIL Engineering Department	30-36
6	Management Studies Department	37-41




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M),
Vizianagaram (Dist.)-531162



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Department of Computer Science and Engineering

CO-PO Attainment for Academic Year 2021-2022

Course Code	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C111	English – I	-	2.56	2.56	2.54	-	2	3	2.54	-	2.54	-	2	2	1.98
C112	Mathematics - I	2.55	2.6	3	2.51	-	-	-	-	-	-	-	3	3	2
C113	Mathematics – II (Mathematical Methods)	2.75	2.54	3	3	-	-	-	-	-	-	-	2	3	2.14
C114	Applied Physics	3	2.59	2.54	-	2	-	-	-	-	-	-	2.63	2.96	3
C115	Computer Programming	3	3	2.56	2.45	2.63	2.54	-	2.55	2.56	-	2	2	2.15	3
C116	Engineering Drawing	2	2.95	2	2	2.4	-	-	-	-	-	2.96	2.54	2.13	2.56
C117	English - Communication Skills Lab - 1	-	2.36	-	-	-	2.54	3	3	2	2.55	2	3	-	-
C118	Applied / Engineering Physics Lab	2	2.54	2.96	2.54	2.63	3	2.5	-	3	-	-	2	2.96	2.54
C119	Applied / Engineering Physics – Virtual Labs – Assignments	2.32	-	2.58	3	2.54	3	2.85	-	-	-	-	-	2.54	2
C1110	Computer Programming Lab	2.33	2.66	2.87	-	2.54	-	-	-	-	-	2.63	2	3	3



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C121	English – II	2.6	2.54	2	2.5	2	2.55	-	-	-	-	-	2	2.85	2.54
C122	Mathematics-III	2.96	2.54	2.96	-	2.85	-	-	-	-	-	-	2.84	2.96	2
C123	Applied Chemistry	2.55	3	2.54	2.54	2.65	-	-	-	2.5	-	-	2.54	2.54	2.87
C124	Object Oriented Programming through C++	2.25	3	3	-	2.56	-	-	-	-	-	-	2.54	2.63	2.89
C125	Environmental Studies	2.54	2.54	2.54	-	2.56	-	-	-	-	-	-	2	3	2.28
C126	Engineering Mechanics	2.54	2.96	2.87	2.54	2.56	2.45	-	-	-	-	-	2.4	3	2.84
C127	Applied / Engineering Chemistry Laboratory	2	2	-	-	2.65	-	-	-	2.54	-	2.15	2.56	3	2.89
C128	English - Communication Skills Lab – 2	2.65	2.54	-	-	-	2	2	-	-	2.54	-	2	1	2
C129	Object Oriented Programming Lab	2.65	2.54	2.15	2	2	-	2	-	-	-	2.35	2.54	2.45	2
C211	Statistics with R Programming	2.69	2.54	2.54	-	2.65	-	-	-	-	-	-	3	3	3
C212	Mathematical Foundations of Computer Science	3	2.52	2.69	-	2.58	-	-	-	-	-	-	2.54	2.54	2.65
C213	Digital Logic Design	2.54	2.56	2.69	-	2.85	-	-	-	-	-	-	2	2	2.5
C214	Python Programming	2	2.4	3	-	2.69	2.63	-	-	-	-	-	2.3	2.5	2.4



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C215	Data Structures through C++	3	2.96	2	-	2.69	-	-	-	-	-	-	2.58	3	2.96
C216	Computer Graphics	2.36	2.56	2	-	3	-	-	-	-	-	-	2.54	2.8	2.54
C217	Data Structures through C++Lab	2.54	2.69	2.36	2.65	2.54	-	-	-	-	-	2.95	2.93	-	-
C218	Python Programming Lab	3	2.54	2.54	-	2	2	-	-	3	-	1.85	-	-	-
C221	Software Engineering	2.87	3	2	-	2.54	-	-	-	-	-	-	2.96	2.54	2.54
C222	Java Programming	3	3	2.98	-	2.98	-	-	-	-	-	-	2.54	2.98	3
C223	Advanced Data Structures	2.96	2.47	2.96	-	2.65	-	-	-	-	-	-	2.84	2.75	2.96
C224	Computer Organization	2.65	2.54	2.54	-	2.96	-	-	-	-	-	-	2.65	2.78	3
C225	Formal Languages and Automata Theory	2.69	2.54	2.65	-	2.3	-	-	-	-	-	-	2.54	2.65	3
C226	Principles of Programming Languages	2.96	2.85	3	-	3	-	-	-	-	-	-	2.96	2.54	2.96
C227	Advanced Data Structures Lab	2.65	2.54	2.96	1.85	1.87	-	-	-	1.74	-	2	-	1.63	3
C228	Java Programming Lab	2.96	2.54	3	1.95	2.96	-	-	-	2.63	-	2	2.65	2	2
C311	Compiler Design	2.63	2.4	3	-	2.54	-	-	-	-	-	-	2.65	2.5	2.63
C312	Unix Programming	2.69	2.54	2.96	-	2.65	-	-	-	-	-	-	2.54	2.8	2.65



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C313	Object Oriented Analysis and Design using UML	2.84	2.54	2.87	-	2.64	-	-	-	-	-	-	2.45	2.47	2.54
C314	Database Management Systems	2.64	2.97	2.63	-	2.84	-	-	-	-	-	-	2.63	2.54	2.54
C315	Operating Systems	2.87	-	2.64	2.44	2.60	-	-	-	3.00	-	2.76	2.85	2.82	2.60
C316	Unified Modeling Lab	2.69	2.74	2.84	2.68	2.54	-	-	-	2	-	-	2.63	2.54	2.54
C317	Operating System & gla	2	2.63	-	2.54	2	-	-	-	2.54	-	-	2.54	2.84	2.96
C318	Database Management System Lab	2.54	2.63	3	2.45	2.63	-	-	-	2.54	-	-	2.84	2.54	2.54
C319	Professional Ethics & Human Values	2.11	2.22	2.65	2.54	2.3	2.54	2.54	2.63	2	3	2.54	3	2.4	2.63
C321	Computer Networks	2.48	2.15	2.65	-	2.56	-	-	-	-	-	-	2.85	2.4	2.65
C322	Data Warehousing and Mining	2.47	2.49	2.96	-	2.65	-	-	-	-	-	-	2.85	3	2.96
C323	Design and Analysis of Algorithms	2	2.63	1.85	2.33	1.54	-	-	-	2.84	-	-	2.96	2	2
C324	Software Testing Methodologies	2	2.3	2.4	-	2.6	-	-	-	-	-	-	2	2	2.96
C325	Cyber Security	-	2.84	2.6	-	2.54	1.75	2.56	-	-	-	-	3	2.54	1.26
C326	Network Programming Lab	2.63	2.95	2.75	-	-	-	-	-	2.54	2.85	-	-	-	-
C327	Software Testing Lab	2.96	2.87	2.54	2.96	2.54	-	-	-	-	-	-	2.93	2.85	2.54



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C328	Data Warehousing and Mining Lab	2.63	2.54	2.63	-	2.15	-	-	-	-	-	-	3	2	2.85
C329	IPR & Patents	-	-	-	-	-	2	2.15	2.54	2.52	1.85	2	2	2.14	2.15
C411	Cryptography and Network Security	2.65	2.51	2.6	-	2.54	-	-	-	-	-	-	2.54	2.64	2.65
C412	Software Architecture & Design Patterns	2	2.96	2.45	-	2.54	-	-	-	-	-	-	2	2.54	3
C413	Web Technologies	2.14	3	3	-	3	-	-	-	-	-	-	3	3	3
C414	Managerial Economics and Financial Analysis	2	2.52	2.12	-	2.22	-	-	-	-	-	-	2	2.54	2.63
C415	Big Data Analytics	2.95	2.63	3	-	2	-	-	-	-	-	-	2.86	2.84	2.96
C416	Information Retrieval Systems	2.84	2.84	2.44	2.65	2.56	-	-	-	-	1.96	-	2.63	2.65	2.85
C417	Cloud Computing	2.25	2.65	2.87	2.51	2.84	-	-	-	2.65	-	1.95	2.63	2.54	2.51
C418	Software Project Management	2.36	2.35	2.65	-	2.35	-	-	-	-	-	-	2.3	2.15	2
C419	Software Architecture & Design Patterns Lab Architecture & Design Patterns Lab	2.96	2.84	2.16	2.14	2.52	-	-	-	-	-	-	2.41	2.14	2.15
C4110	Web Technologies Lab	2	2.84	2.96	2.58	2.15	-	-	-	2.95	-	-	-	2.58	2.96
C421	Distributed Systems	2.22	2.11	2.23	-	2.14	-	-	-	-	-	-	3	2.51	2.6



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C422	Management Science	2.32	2.54	3	-	2.8	-	-	-	-	-	-	2.54	2.64	2.54
C423	Machine Learning	2.54	2.54	2.23	-	2.1	-	-	-	-	-	-	2.12	2.12	2.54
C424	Operations Research	2.45	2.89	3	-	2.8	-	-	-	-	-	-	2.65	2.15	2.36
C425	Seminar	2.98	2.84	-	2.85	-	2.48	2.15	2.16	-	-	-	2.54	2.54	2.65
C426	Project	1.98	2.36	2.45	2.78	-	2.96	2.65	2.32	2.56	-	-	-	2.54	2.64

Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	2.54	2.63	2.63	2.48	2.50	2.43	2.49	2.53	2.50	2.47	2.25	2.54	2.54	2.58
In Direct Attainment	2.6	2.7	2.8	2.78	2.67	2.8	2.5	2.2	2.1	1.1	2.5	2.8	2.4	2.7
Final PO Attained	2.56	2.58	2.62	2.49	2.51	2.37	2.48	2.49	2.53	2.20	2.32	2.46	2.53	2.66



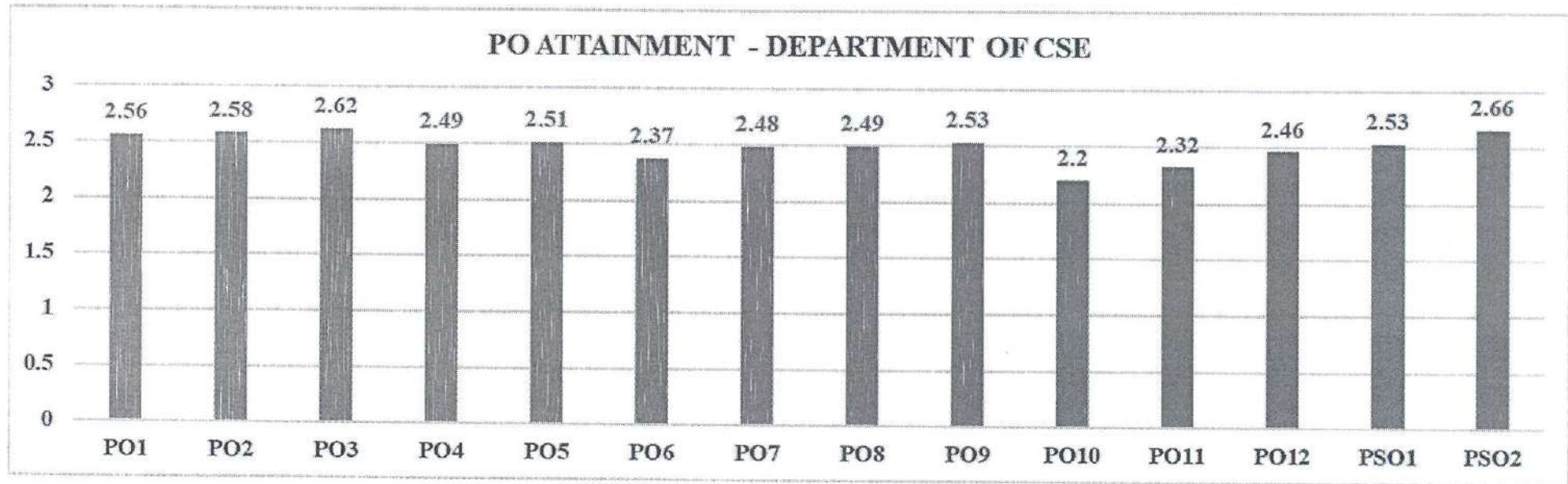
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Continuous Quality Improvement for POs and PSOs:

Target =2.3

Observation: All POs and PSOs attained the target except PO10 (Communication) which is marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO10, regularly student association activities to be conducted.


Head of the Department
Head of the Department
Computer Science and Engineering
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Department of Electronics & Communication Engineering

CO-PO Attainment for Academic Year 2021-2022

SUBJECT CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C111	English – I	-	2.20	3.00	3.00	-	3.00	3.00	2.70	-	2.88	-	3.00	3.00	2.80
C112	Mathematics - I	2.40	2.40	2.40	2.40	-	-	-	-	-	-	-	2.40	2.40	2.40
C113	Mathematics – II (Mathematical Methods)	2.19	2.00	2.07	-	2.40	-	-	-	-	-	-	1.60	2.13	2.12
C114	Applied Physics	2.00	1.95	2.40	-	2.08	2.11	2.40	-	-	-	2.10	1.80	2.04	2.30
C115	Computer Programming	2.40	1.60	2.40	2.10	2.40	-	-	2.20	2.40	-	2.40	2.40	2.40	1.80
C116	Engineering Drawing	3.00	3.00	2.75	1.50	2.50	-	-	-	2.50	-	2.50	2.00	2.67	2.67
C117	English Communications Skills - Lab-1	3.00	2.00	-	-	-	1.67	1.50	2.00	-	3.00	-	3.00	2.40	2.00
C118	Applied / Engineering Physics Lab	3.00	2.50	3.00	2.33	2.00	2.67	2.50	-	2.50	-	-	1.00	2.33	2.67
C119	Applied / Engineering Physics Virtual Labs – Assignments	2.50	-	2.75	2.50	2.00	2.00	2.00	-	-	-	-	-	2.67	2.00
C1110	Engineering Workshop & IT Workshop	2.50	-	2.75	2.50	2.00	2.00	2.00	-	-	-	-	-	2.67	2.00



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C121	English-II	2.00	2.67	-	-	-	2.67	-	2.50	-	2.40	-	2.00	3.00	3.00
C122	Mathematics-III	2.22	2.11	2.20	2.00	-	-	-	-	-	-	-	2.29	2.00	2.40
C123	Applied Chemistry	2.22	2.00	2.16	2.40	2.11	-	-	-	2.40	-	-	2.17	2.27	2.17
C124	Electrical & Mechanical Technology	2.13	2.11	-	-	-	-	-	-	-	2.13	-	2.13	2.13	2.13
C125	Environmental Studies	2.20	-	-	-	-	2.20	2.20	2.18	-	-	-	2.30	2.20	2.20
C126	Data Structures	2.40	2.27	2.40	2.40	2.27	-	-	-	-	-	2.40	2.30	2.30	2.40
C127	Applied/Engineering Chemistry Lab	2.50	2.00	1.50	-	2.67	-	2.33	-	2.33	-	-	2.67	2.00	3.00
C128	English - Communication Skills Lab - 2	3.00	2.00	-	-	-	1.67	1.50	2.00	-	3.00	-	3.00	2.40	2.00
C129	Computer Programming Lab	2.75	2.00	3.00	-	2.50	-	-	-	2.20	-	2.00	2.00	2.50	3.00
C211	Electronic Devices And Circuits	2.33	-	2.30	2.33	-	2.30	-	-	-	-	2.33	2.33	-	2.33
C212	Switching Theory And Logic Design	3.00	2.84	2.76	2.73	-	-	-	-	-	-	-	-	2.93	3.00
C213	Signals & Systems	2.40	2.40	2.40	2.40	2.40	-	-	-	-	2.40	-	2.40	2.40	2.40
C214	Network Analysis	2.27	2.30	2.29	-	-	-	-	-	-	-	-	-	2.33	2.32



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C215	Random Variables & Stochastic Processes	2.85	2.86	-	2.87	-	-	-	-	-	-	-	2.87	2.91	2.60
C216	Managerial Economics And Financial Analysis	2.50	2.67	-	2.75	-	-	3.00	-	-	2.00	2.67	-	3.00	1.67
C217	Electronic Devices And Circuits Lab	3.00	-	3.00	-	3.00	2.00	-	-	-	-	2.00	3.00	2.00	3.00
C218	Networks & Electrical Technology Lab	2.50	2.00	3.00	-	-	-	-	-	-	-	2.00	2.00	-1.78	3.00
C221	Electronic Circuit Analysis	1.78	1.80	1.76	1.76	-	-	-	-	-	-	-	-	1.80	1.80
C222	Control Systems	2.04	1.93	-	-	-	-	-	-	-	-	2.00	-	2.00	-
C223	Em Waves And Transmission Lines	1.73	1.73	1.74	-	-	-	-	-	-	-	-	1.72	1.76	1.73
C224	Analog Communications	2.87	2.87	-	-	3.00	-	-	-	-	-	-	2.87	2.87	2.87
C225	Pulse And Digital Circuits	1.80	1.78	1.85	-	-	-	-	-	-	-	-	1.80	1.84	1.80
C226	Management Science	2.50	2.67	-	2.75	-	-	3.00	-	-	2.00	2.67	-	3.00	1.67
C227	Electronic Circuit Analysis Lab	1.67	-	2.00	3.00	-	-	-	1.00	1.00	1.00	-	-	-	1.50
C228	Analog Communications Lab	-	2.00	-	3.00	-	-	-	-	-	-	-	2.00	3.00	-
C311	Computer Architecture And Organization	2.87	3.00	3.00	-	-	3.00	2.60	-	-	-	-	2.80	2.88	2.88



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C312	Linear Ic Applications	2.82	2.82	2.78	2.70	-	-	-	-	-	-	-	2.80	2.80	2.80
C313	Digital Ic Applications	2.40	2.40	2.40	2.40	-	-	-	-	-	-	-	2.40	2.40	2.40
C314	Digital Communications	2.13	2.13	2.11	-	-	-	-	-	-	-	-	2.14	2.14	2.08
C315	Antenna And Wave Propagation	2.89	2.83	2.82	-	-	-	-	-	-	-	-	2.85	2.88	2.92
C316	Pulse & Digital Circuits Lab	2.50	2.00	2.50	-	-	-	-	-	-	-	-	2.00	-	2.67
C317	L Ic Applications Lab	2.00	-	3.00	2.00	-	-	-	-	-	-	2.00	3.00	2.00	3.00
C318	Dica Laboratory	2.00	-	3.00	2.00	-	-	-	-	-	-	2.00	3.00	2.00	3.00
C319	Professional Ethics & Human Values	-	-	-	-	-	3.00	2.50	3.00	3.00	3.00	3.00	3.00	2.00	3.00
C321	Microprocessors And Microcontrollers	2.82	2.78	2.78	2.80	2.82	-	-	-	2.80	2.80	-	2.80	2.84	2.84
C322	Microwave Engineering	2.40	2.40	2.40	-	-	-	-	-	-	-	-	2.40	2.40	2.40
C323	Vlsi Design	2.80	2.78	2.78	2.76	-	-	-	-	-	-	-	-	2.78	2.78
C324	Digital Signal Processing	2.25	2.29	2.27	-	-	-	-	-	-	-	-	2.30	2.27	2.31
C329	Bio-Medical Engineering (Oe)	2.73	2.65	-	2.76	-	-	-	-	-	-	-	2.67	2.67	2.60



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C3211	Microprocessors And Microcontrollers Lab	2.00	2.00	1.00	-	-	-	-	-	1.00	1.00	-	1.00	1.00	2.00
C3212	Visi Laboratory	2.50	1.67	2.00	2.00	2.00	-	-	-	-	-	-	1.00	2.17	2.33
C3213	Digital Communications Lab	2.00	-	1.67	1.00	2.50	-	-	-	-	-	-	-	1.00	1.50
C3214	Intellectual Property Rights And Patents	-	-	-	-	-	3.00	2.50	3.00	3.00	3.00	3.00	3.00	2.00	3.00
C411	Radar Systems	2.88	2.89	2.87	-	-	-	-	-	-	-	-	2.90	2.87	2.91
C412	Digital Image Processing	2.72	2.75	2.73	-	-	-	-	-	-	-	-	2.80	2.73	2.78
C413	Computer Networks	2.80	2.93	2.87	3.00	2.84	-	-	-	2.80	-	-	3.00	2.87	2.90
C414	Optical Communications	2.76	2.76	-	-	-	-	-	-	-	-	-	2.73	2.73	2.80
C416	Electronic Switching Systems(E- I)	3.00	2.50	2.00	-	-	-	-	-	-	-	-	2.00	2.50	3.00
C418	Embedded Systems(E- Ii)	3.00	-	3.00	-	-	-	-	-	-	-	-	-	-	-
C416	Microwave Engineering & Optical Lab	3.00	2.00	2.00	-	-	-	2.00	-	-	-	-	-	3.00	-
C417	Digital Signal Processing Laboratory	2.50	2.33	2.33	2.50	2.50	-	-	2.33	2.17	2.33	-	-	2.17	1.50



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C421	Cellular And Mobile Communications	2.60	2.60	-	-	-	-	-	-	-	-	-	-	2.60	2.60
C422	Electronic Measurements And Instrumentation	2.95	2.94	2.96	2.94	-	-	-	-	-	-	-	2.96	2.95	3.00
C423	Satellite Communications	2.89	2.87	-	-	-	-	-	-	-	-	-	-	2.85	2.89
C424	Wireless Sensors And Networks (E-III)	2.93	2.90	3.00	-	-	-	-	-	-	-	-	-	2.91	3.00
C425	Seminar	3.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00
C426	Project	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00

Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	2.52	2.38	2.46	2.44	2.48	2.39	2.35	2.33	2.41	2.43	2.42	2.41	2.36	2.47
In Direct Attainment	2.7	2.68	2.52	2.45	2.54	2.78	2.12	2.15	2.13	2.59	2.1	2.85	2.48	2.69
Final PO Attained	2.56	2.44	2.47	2.44	2.49	2.47	2.31	2.29	2.35	2.47	2.35	2.50	2.39	2.51



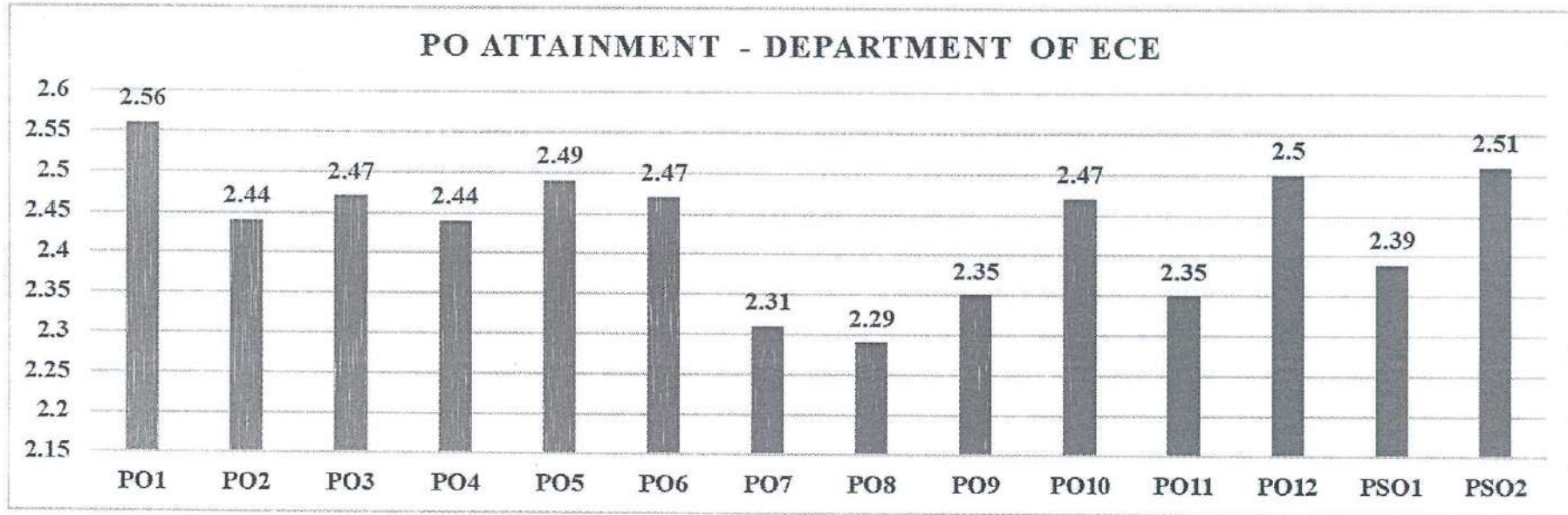
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Continuous Quality Improvement for POs and PSOs:

Target =2.3

Observation: All POs and PSOs attained the target except PO8 (Ethics) which is marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO8, plan to conduct awareness programs on ethics mechanism.

Head of the Department

Head of the Department
Electronics and Communication Engineering
AVANTHI INSTITUTE OF ENGG & TECH,
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M), Vizianagaram(D)-531162



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Department of Mechanical Engineering

CO-PO Attainment for Academic Year 2021-2022

sub code	COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	P11	P12	PSO1	PSO2	PSO3
C111	English – I	-	1.5	2.5	3	-	2.5	2	2.67	-	3	-	2.5	2.5	2.5	2.52
C112	Mathematics - I	2.5	2.5	2.59	2.58	-	-	-	-	-	-	-	1.89	2.12	2.56	2.21
C113	Engineering Chemistry	2.14	2.23	2.32	-	2.85	-	-	-	-	-	-	2.12	2.12	2.33	2.36
C114	Engineering Mechanics	2.15	2.08	2.38	2.4	3	-	-	-	2.69	-	-	3	2.56	2.45	2.56
C115	Computer Programming	2.56	2.52	2.5	2.22	2.52	-	-	2.56	2.56	2.84	2.84	2.56	2.89	1.87	1.56
C116	Environmental Studies	2.56	-	-	-	-	2.89	2.67	2.56	-	-	-	2.56	2.56	3	2.89
C117	Applied/Engineering Chemistry Lab	2.56	2.5	2.5	-	1.56	-	2.89	2.45	2.56	-	-	3	2	3	2.89
C118	English - Communication Skills Lab – I	2.8	3	-	-	-	2.56	2.54	3	-	2.45	-	3	2.85	2.6	2.89
C119	Computer Programming Lab	3	3	3	-	2.59	-	-	-	2.56	-	3	2.5	3	3	2.87
C121	English-II	2.56	2.89	-	-	-	2.55	-	3	-	2	-	2.5	2.8	2.8	2.3
C122	Mathematics – II	2.82	3	2.54	2.85	-	-	-	-	-	-	-	2.65	2.59	2.85	2.36



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C123	Mathematics-III	2.85	2.35	2.33	2.35	-	-	-	-	-	-	-	2.78	3	3	2.33
C124	Engineering Physics	1.5	1.9	1.9	-	1.5	1.96	1.85	-	-	-	3	1.5	1.56	1.98	2.56
C125	Basic Eee	1.95	1.57	-	1.56	-	-	-	-	-	-	-	1.89	2	2	2.36
C126	Engineering Drawing	2.85	2	-	-	-	-	-	-	-	-	-	3	3	3	2.95
C127	English - Communication Skills Lab - 2	2	2	-	-	-	1.95	1.89	2	-	3	-	-	2.58	3	3
C128	Applied / Engineering Physics Lab	2	2	-	-	-	1.95	1.89	2	-	3	-	-	2.58	3	3
C129	Applied / Engineering Physics Virtual Labs - Assignments	2.69	-	2.86	2.69	2	3	3	-	-	-	-	-	2.96	2.54	2.56
C1210	Engineering Workshop & IT Workshop	2.8	-	2.3	2.6	2.3	3	3	-	-	-	-	-	1.6	1.5	1.6
C211	MMS	2.6	3	-	-	-	-	-	-	-	2.96	-	3	3	1.85	2.5
C212	MOS	2.5	2.6	2.6	-	-	-	-	-	-	-	-	-	-	1.85	1.96
C213	TD	3	2.5	2	-	-	-	-	-	-	-	-	-	-	2.3	2.5
C214	MEFA	3	2.6	2.6	-	-	3	2.5	-	-	-	2.63	-	-	2.5	3



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C215	FM&HM	3	3	2.6	-	-	-	-	-	-	-	-	3	-	2.93	2.63
C216	CA&EDP	3	2	2	-	-	-	-	-	2	2	-	2	2	3	2.5
C217	Electrical & Electronics Engg. Lab	3	2.96	-	2.6	-	2.63	-	-	-	-	-	-	-	2.89	1.56
C218	Mechanics of Solids & Metallurgy Lab -	3	3	2	-	-	2.6	-	-	-	-	-	-	-	2.6	2.85
C221	KOM	2.6	2.59	-	2.85	-	2.56	-	-	-	-	-	-	2.6	3	2.89
C222	TE-1	3	3	-	3	-	2.56	-	-	-	-	-	-	-	2.56	3
C223	PT-1	3	3	-	3	-	2.56	-	-	-	-	-	-	-	3	3
C224	DMM-1	2.36	2.54	-	2	-	-	-	-	-	2	2	-	-	-	3
C225	MD	2.63	2.59	-	2	-	-	-	-	-	2.95	2.56	-	-	-	2.56
C226	IEM	3	2.96	-	2	-	2.86	-	-	-	-	-	-	-	2	3
C227	Fluid Mechanics & Hydraulic Machines Lab	2	-	2.85	-	2	3	-	-	-	-	3	3	2.56	2.56	3
C228	Production Technology Lab	2.85	2.56	2.45	-	-	-	-	-	-	-	3	2	-	2	3
C311	DOM	3	2.56	-	2	-	-	-	-	-	2.56	2.56	-	-	-	3
C312	MC&MT	3	2.56	-	3	-	-	-	-	-	2.36	2.96	-	-	-	3



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C313	DMM-2	2.65	2.5	-	2	-	-	2	2	-	-	-	-	-	-	3
C314	OR	2.89	2.5	-	3	-	-	-	-	-	-	-	-	-	-	3
C315	TE-2	2.57	2.6	-	2	-	-	-	-	-	-	-	-	-	-	3
C316	Theory of Machines Lab	-	2.9	-	3	-	-	-	-	-	-	-	2.56	2.96	-	3
C317	Machine Tools Lab	2.36	2.8	3	-	-	-	-	-	-	-	-	3	-	2.56	3
C318	Thermal Engineering Lab	3	2.6	2	-	-	-	-	-	2	1	-	2	1	3	-
C319	IPR	3	2.6	-	3	3	-	2.56	-	3	-	3	-	-	-	2.56
C321	Metrology	2.36	2.56	-	2	-	-	-	2	2.56	3	2.86	-	-	-	3
C322	I&CS	2.86	-	-	3	-	-	2.54	3.56	2.54	2.69	2.54	-	-	-	2.54
C323	R&AC	2.86	-	-	2	-	-	-	-	-	3	2.56	-	-	-	3
C324	HT	3	-	-	3	-	-	-	-	-	-	2.96	-	-	-	3
C325	IR	3	2.56	-	2.96	3	-	2	-	3	-	2.56	-	-	-	2
C326	Heat Transfer Lab	2.89	2	2	-	-	-	-	-	-	-	3	3	-	2	2.54
C327	Metrology & Instrumentation Lab	3	-	3	2	-	-	-	2	2	2	-	-	-	2	2.54



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C328	Computational Fluid Dynamics Lab	-	2	-	3	-	-	-	-	-	-	-	2.54	2.54	-	2.54
C329	Professional Ethics & Human Values	2.36	3	3	-	-	-	-	-	-	-	-	3	-	2.98	2.78
C411	Mechatronics	2.96	2.56	-	2.56	2	-	2.56	-	2	-	3	-	-	-	3
C412	CAD.CAM	2.87	2.56	-	2.56	3	-	-	-	3	-	-	-	-	-	2.54
C413	FEM	3	2	-	2.6	2	2.69	-	2.65	2.54	-	2.56	-	-	-	2.54
C414	PPE	2	2.5	-	2.6	3	2.63	-	-	3	-	2.56	-	-	-	2.14
C415	CFD	2.56	2.5	-	2.5	1.3	3	-	3	2	-	2.56	-	-	-	3
C416	DFM	2.65	2.56	-	3	2	2	-	3	2.54	-	3	-	-	-	2
C417	CAD/CAM Lab	2.95	2	-	-	-	-	-	-	-	-	-	3	-	2.54	2.59
C418	Mechatronics Lab	2.56	3	3	-	-	-	-	-	-	-	3	3	-	2	2
C421	PPC	1.81	2	-	3	2	-	-	-	1.56	-	2	-	-	-	2
C422	UCMP	2	2.5	-	2.53	2	-	-	-	3	-	2	-	-	-	2
C423	AE	3	2.52	-	3	2	-	-	-	3	-	2.56	-	-	-	2
C424	NDE	2.56	2.56	-	3	3	-	-	-	-	-	2.96	-	-	-	2



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C425	Seminar	3	2	3	-	-	-	-	-	-	-	-	3	-	2.67	3
C426	Project	3	3	3	-	-	-	2	-	-	-	-	-	3	-	3

Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Direct Attainment	2.66	2.51	2.53	2.58	2.32	2.59	2.37	2.56	2.51	2.52	2.71	2.61	2.48	2.53	2.61
In Direct Attainment	2.54	3	2.85	2.54	2.1	2.35	2.54	2.78	2.89	2.65	2.54	2.78	2.89	2.87	2.98
Final PO Attained	2.64	2.61	2.59	2.57	2.26	2.54	2.40	2.61	2.58	2.54	2.68	2.64	2.56	2.60	2.68



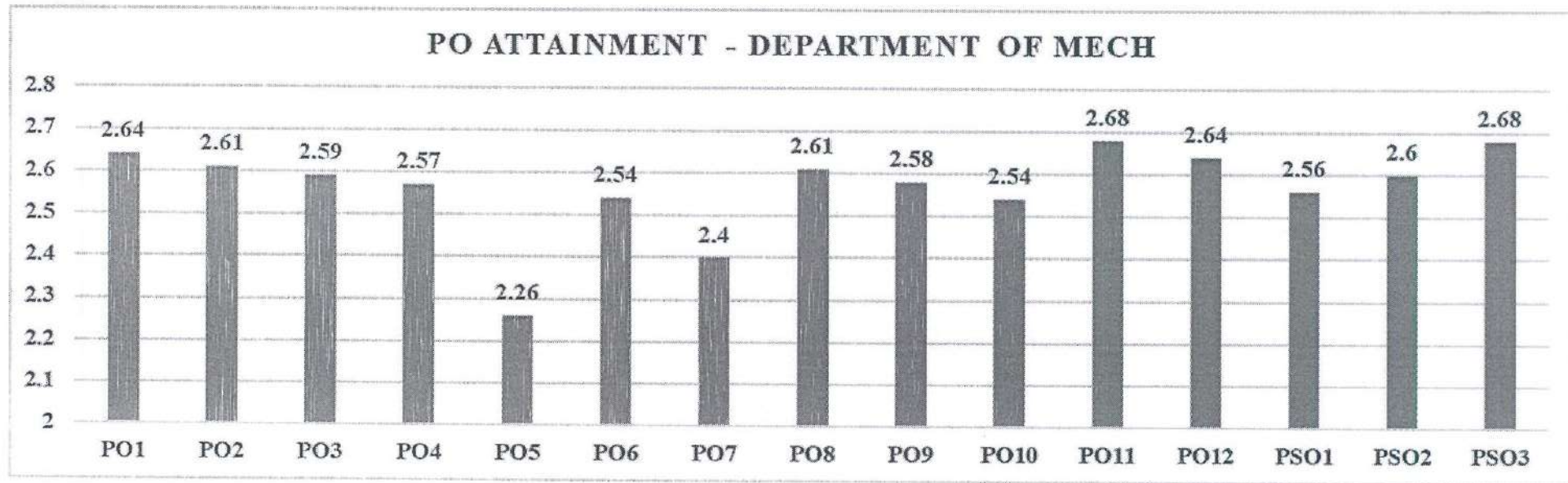
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Continuous Quality Improvement for POs and PSOs:

Target =2.3

Observation: All POs and PSOs attained the target except PO5 (Modern tool usage) which is marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO5, More number of classes/Laboratory sessions to be conducted to sharpen the students in programmingskills and encourage the students to do project works by using modern tools.

Head of the Department
HOD

MECHANICAL DEPARTMENT
AVANTHI INSTITUTE OF ENGG. & TECH
Bhogapuram (M), Vizianagaram (Dist.)



Principal

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Bhogapuram (M).



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Department of Electrical & Electronics Engineering Department

CO-PO Attainment for Academic Year 2021-2022

Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C111	English – I	-	2.60	3.00	3.00	-	3.00	3.00	2.85	-	2.94	-	3.00	3.00	2.90
C112	Mathematics - I	2.24	2.16	1.87	2.00	-	-	-	-	-	-	-	1.96	1.80	2.20
C113	Applied chemistry	2.00	2.15	2.00	-	2.00	2.17	2.30	-	-	-	2.10	2.20	2.13	2.10
C114	Engineering mechanics	2.84	-	2.82	3.00	2.80	2.87	3.00	-	-	-	-	-	3.00	2.80
C115	Computer Programming	2.29	2.40	2.40	-	2.40	-	-	-	2.40	-	2.20	2.30	2.40	2.30
C116	Environment studies	3.00	-	-	-	-	3.00	2.85	2.78	-	-	-	2.60	2.90	2.80
C117	Applied / Engineering chemistry Lab	2.33	2.00	2.67	2.50	3.00	-	3.00	-	-	-	2.50	3.00	-	-
C118	English - communication laboratory-1	-	2.33	-	-	-	2.00	2.50	2.33	2.50	3.00	-	2.75	2.25	2.00
C119	Computer Programming Laboratory	2.75	2.00	3.00	-	2.50	-	-	-	2.20	-	2.00	2.00	2.50	3.00
C121	English – II	2.60	2.50	-	-	-	2.60	-	2.52	-	2.53	-	2.60	2.60	2.50
C122	Mathematics – II (Mathematical methods)	1.82	1.82	1.80	1.60	-	-	-	-	-	-	-	1.78	1.73	1.87



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C123	Mathematics – III	2.16	2.20	2.25	2.15	-	-	-	-	-	-	-	2.20	2.11	2.31
C124	Applied Physics	2.00	2.00	1.60	-	1.76	1.83	2.00	-	-	-	2.00	2.00	2.00	1.70
C125	Electrical Circuit Analysis - I	2.11	2.11	2.20	2.12	-	-	-	-	-	-	-	-	2.09	2.27
C126	Engineering Drawing	3.00	3.00	2.75	1.50	2.50	-	-	-	2.50	-	2.50	2.00	2.67	2.67
C127	English Communication Skills Laboratory -II	3.00	2.00	-	-	-	1.67	1.50	2.00	-	2.83	-	2.67	2.40	2.00
C128	Applied / Engineering Physics Laboratory	3.00	2.50	3.00	2.33	2.00	2.67	2.50	-	2.50	-	-	1.00	2.33	2.67
C129	Applied Engineering Physics – Virtual Labs - Assignments	2.50	-	2.75	2.50	2.00	2.00	2.00	-	-	-	-	-	2.67	2.00
C1210	Engg. Workshop & IT Workshop	2.33	2.00	2.67	2.50	3.00	-	2.50	-	-	-	2.50	2.67	2.67	2.67
C211	Electrical Circuit Analysis - II	1.72	1.80	1.60	1.94	1.60	-	-	-	-	-	-	-	1.78	1.83
C212	Electrical Machines-I	2.16	2.16	2.11	2.20	2.11	2.40	-	-	-	-	-	-	2.27	2.20
C213	Basic Electronics and Devices	2.27	-	2.29	2.31	2.16	-	-	-	2.29	-	-	-	2.40	2.27
C214	Electro Magnetic Fields	1.67	1.69	1.60	1.67	-	-	-	-	-	-	-	-	1.71	1.66



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C215	Thermal and Hydro Prime Movers	2.40	2.40	2.40	-	2.40	2.40	-	-	2.40	-	-	-	2.40	2.40
C216	Managerial Economics & Financial Analysis	-	-	-	-	-	2.63	-	2.80	2.64	-	2.64	-	2.60	2.71
C217	Thermal and Hydro Laboratory	3.00	2.50	3.00	3.00	2.67	2.50	-	-	2.33	-	-	2.50	2.00	2.33
C218	Electrical Circuits Laboratory	2.00	2.25	2.33	2.67	2.33	2.00	-	-	2.00	-	-	-	2.00	2.00
C221	Electrical Measurements	1.85	1.87	1.80	1.90	1.80	-	-	-	-	-	-	-	1.87	1.91
C222	Electrical Machines-II	1.80	1.87	1.80	1.80	1.96	-	-	-	-	-	-	-	1.60	1.88
C223	Switching Theory and Logic Design	1.85	1.80	1.89	1.94	1.89	-	-	-	-	-	-	-	1.87	1.94
C224	Control Systems	2.36	2.40	2.28	2.27	-	-	-	-	-	-	-	-	2.30	2.30
C225	Power Systems-I	2.71	-	-	-	2.60	2.70	2.60	-	2.56	-	-	-	2.69	2.78
C226	Management Science	-	-	-	-	-	2.73	-	2.60	2.82	-	2.47	-	2.68	2.66
C227	Electrical Machines-I Laboratory	2.25	2.25	-	2.40	-	-	-	-	2.20	-	-	-	1.67	2.25
C228	Electronic Devices & Circuits Laboratory	2.33	2.25	2.33	2.33	2.25	-	-	-	-	-	-	-	1.75	2.00
C311	Power Systems-II	1.91	1.85	2.00	1.89	2.06	-	-	-	-	-	-	-	1.87	2.00
C312	Renewable Energy Sources	2.00	1.80	1.75	2.11	1.76	-	2.04	-	-	-	-	-	1.91	1.93



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C313	Signals and Systems	2.10	2.08	2.10	2.23	-	-	-	-	-	-	-	-	2.27	2.06
C314	Pulse & Digital Circuits	1.40	1.40	1.40	1.40	-	-	-	-	-	-	-	-	1.40	1.40
C315	Power Electronics	2.47	2.32	2.37	2.28	2.29	-	-	-	-	-	-	-	2.32	2.30
C316	Electrical Machines-II Laboratory	2.00	2.33	2.50	2.25	-	-	-	-	2.50	-	-	-	2.00	2.33
C317	Control Systems Laboratory	2.33	2.33	2.33	2.33	2.00	-	-	-	-	-	-	-	2.00	1.67
C318	Electrical Measurements Laboratory	2.00	2.25	2.33	2.67	2.33	6.00	-	-	2.00	-	-	-	2.00	1.83
C319	IPR & Patents	-	-	-	-	-	3.00	2.50	3.00	3.00	3.00	3.00	3.00	2.00	3.00
C321	Power Electronic Controllers & Drives	2.20	2.11	2.18	2.13	2.32	-	-	-	-	-	-	-	2.18	2.20
C322	Power System Analysis	2.25	-	-	-	2.40	2.20	2.40	-	2.22	-	-	-	2.22	2.25
C323	Micro Processors and Micro controllers	1.40	1.40	1.34	1.40	1.20	-	-	-	-	-	-	-	1.20	1.36
C324	Data Structures	1.40	1.64	1.40	1.40	1.55	-	-	-	1.80	-	1.40	1.40	1.52	1.40
C325	Energy Audit and Conservation & Management	2.04	-	2.06	-	2.08	-	-	-	2.40	-	1.60	1.93	1.90	2.20
C326	Power Electronics Laboratory	2.00	2.50	2.33	2.50	2.25	-	-	-	2.00	-	-	-	2.17	2.17



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C327	Microprocessors & Microcontrollers Laboratory	1.13	1.34	1.34	1.40	1.00	-	-	-	-	-	-	-	1.40	1.44
C328	Data Structures Laboratory	2.00	2.33	2.67	3.00	3.00	-	-	-	2.00	-	3.00	3.00	2.00	3.00
C329	Professional Ethics & Human Values	-	-	-	-	-	2.40	2.50	2.60	-	2.25	-	-	1.50	2.33
C411	Utilization of Electrical Energy	2.66	2.70	2.54	2.77	2.66	-	-	-	-	-	-	-	2.69	2.77
C412	Linear IC Applications	2.20	2.31	2.23	2.32	-	-	-	-	-	-	-	-	2.40	2.20
C413	Power System: Operation & Control	2.89	2.80	2.80	2.76	-	-	-	-	-	-	-	-	2.74	2.80
C414	Switchgear and Protection	2.73	2.87	2.78	2.75	2.87	-	-	-	-	-	-	-	2.82	2.78
C415	Instrumentation	3.00	2.91	3.00	2.88	2.90	-	-	-	-	-	-	-	2.93	2.93
C416	Electric Power Quality	2.00	2.25	2.50	-	-	-	-	-	-	-	-	-	2.30	2.10
C417	Electrical Simulation Laboratory	2.00	2.40	2.67	2.67	2.33	-	-	-	-	-	-	-	2.00	2.17
C418	Power Systems & Simulation Laboratory	2.00	2.20	2.40	2.33	2.67	-	-	-	-	-	-	-	2.33	2.33
C421	Digital Control Systems	2.20	2.20	2.17	2.18	2.29	-	-	-	-	-	-	-	2.13	2.22
C422	HVDC Transmission	3.00	2.91	2.93	3.00	2.85	-	-	-	-	-	-	-	2.94	2.97



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C423	Electrical Distribution Systems	3.00	2.93	2.91	2.88	3.00	-	-	-	-	-	-	-	2.93	2.80
C424	Flexible alternating Current Transmission systems	2.47	2.52	2.60	2.51	2.60	-	-	-	-	-	-	-	2.60	2.66
C425	Seminar	2.33	2.67	-	2.50	-	2.00	3.00	2.50	-	2.00	-	3.00	2.50	2.33
C426	Project	2.00	2.33	2.50	2.67	-	3.00	2.00	-	2.50	3.00	2.00	-	1.67	2.20

Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	2.25	2.23	2.30	2.30	2.28	2.60	2.46	2.60	2.35	2.69	2.28	2.34	2.21	2.27
In Direct Attainment	2.36	2.25	2.89	2.75	2.63	2.45	2.26	2.58	2.62	2.87	2.94	2.65	2.87	2.65
Final PO Attained	2.27	2.23	2.42	2.39	2.35	2.57	2.42	2.59	2.41	2.73	2.41	2.40	2.34	2.35



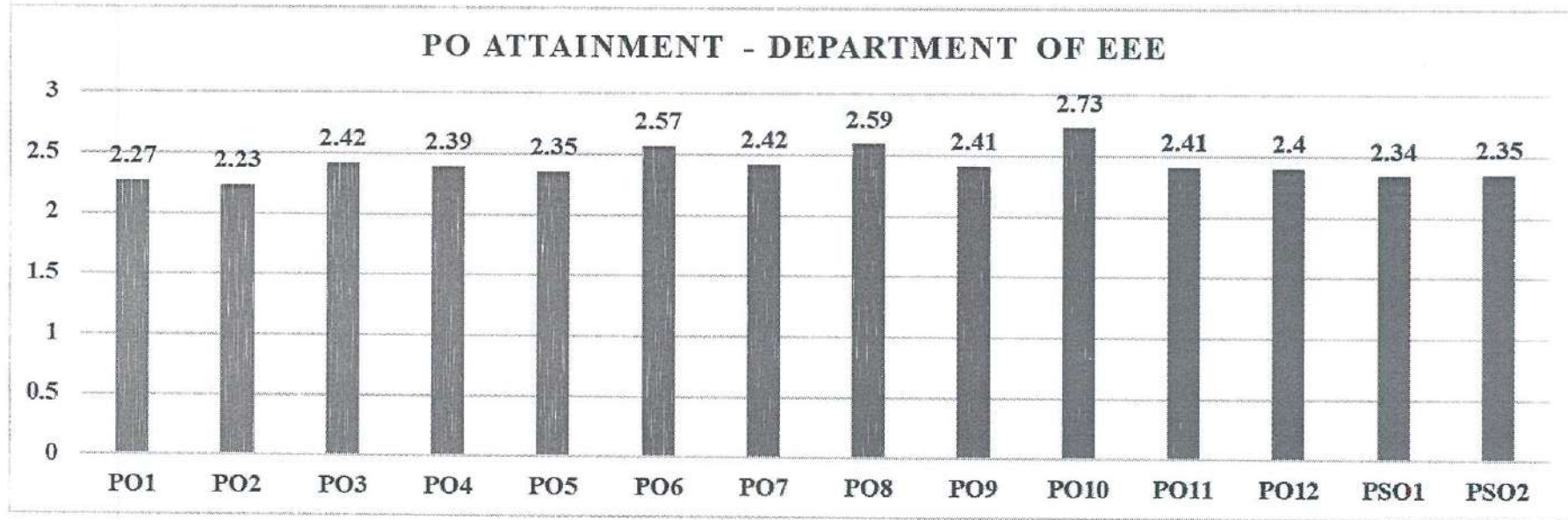
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Continuous Quality Improvement for POs and PSOs:

Target =2.3


Observation: All POs and PSOs attained the target except PO1 (Engineering Knowledge), PO2 (Problem analysis) which are marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO1, Tutorials/ Assignments to be given for the students and Extra classes to be conducted to give thorough practice in problem solving.
- To strengthen PO2, motivate students to participate in problem solving methodologies.


Head of the Department
Head of the Department
Department of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
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Cherukupally (V), Chittivalasa (SAO)
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Department of Civil Engineering

CO-PO Attainment for Academic Year 2021-2022

sub code	COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C111	English – I	-	-	2.5	1.8	-	2.8	2.4	-	-	2.8	2.9	1.9	2.4	-	2.1
C112	Mathematics - I	2.7	2.6	-	-	2.4	-	-	-	-	-	-	-	2.8	2.5	2.9
C113	Engineering Chemistry	2.6	2.5	-	-	2.3	2.5	2.9	-	2.8	2	2.4	-	2.7	2.8	2.7
C114	Engineering Mechanics	-	-	-	-	-	1.9	2.71	-	-	2.54	-	-	2.87	2.41	2.71
C115	Computer Programming	2.35	2.85	2.56	-	2.54	-	-	-	2.67	-	2.65	2.44	2.68	2.98	2.14
C116	Environmental Studies	2.96	-	-	-	-	2.85	2.76	2.84	-	-	-	2.94	2.85	2.72	2.31
C117	Engineering /Applied Chemistry Laboratory	-	2.33	-	-	2.67	-	-	-	-	-	-	-	2	2	-
C118	English - Communication Skills Lab - I	-	2.5	-	2.8	-	2.1	-	2.91	-	1.94	-	-	-	2.45	2.98
C121	English – II	-	-	-	-	-	-	-	2.67	-	2	-	2	1.33	3	1
C122	Mathematics – II (Mathematical Methods)	2.5	2.5	-	-	1.89	-	-	-	-	-	-	-	2.45	2.16	2.98
C123	Mathematics – II.	3	2.33	-	-	2.55	-	-	-	-	-	-	2.84	2.54	2.47	-
C124	Engineering Physics	2.7	3.0	2.7	2.6	2.8	3	3	-	-	-	-	2.6	3.0	2.771	2.6



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C125	Elements of Mechanical Engineering	2	3	-	2.54	2.46	2.58	-	-	-	-	2.69	2.1	1.9	-	2.56
C126	Engineering Drawing	-	2.5	2.78	-	2.84	2.42	-	-	-	1.56	2.45	2.67	2.89	2.98	-
C127	English - Communication Skills Lab - II	2.3	3	-	2.56	2.14	2.87	-	-	-	-	1.95	2.56	2.78	-	2.64
C128	Engineering /Applied Physics Lab	-	3	2.4	-	2.15	2.98	-	-	-	2.45	2.69	2	2.95	2.6	2.7
C129	Engineering / Applied Physics – Virtual Labs - Assignments	-	2	2.7	-	2.66	-	-	-	-	2.41	-	-	2.61	2.79	-
C1210	Engg. Workshop & IT Workshop	-	1.89	2.7	-	2.44	-	-	-	-	2.67	-	-	2.49	2.6	2.87
C211	Probability & Statistics	2.89	2.5	-	-	2.16	-	-	-	-	-	2	1.82	2.57	-	-
C212	Basic Electrical & Electronics Engineering	-	2.5	2.15	2.89	2.7	1.84	-	-	-	-	1.74	2.64	1.57	2.16	-
C213	Strength of Materials-I	1.56	3	2.8	2.4	2.72	2.16	-	-	-	-	2.19	2.08	1.56	-	2.97
C214	Building Materials & Construction	3	3	-	-	2.05	2.89	2.48	-	2.67	1.89	1.57	-	2.01	2.49	2.75
C215	Surveying	2.5	2.5	-	-	2.45	2.89	2.45	-	3	2.64	1.89	-	2.05	2.74	2.19
C216	Fluid Mechanics	2	3	2.7	-	2.48	3	2.14	-	-	-	-	-	2.17	1.89	-
C217	Survey Field Work - I	2	-	2.47	2.06	2.98	-	-	-	-	-	-	2.19	-	2.97	-
C218	Strength of Materials Lab	-	2	2.48	-	2.67	-	-	-	-	3	-	-	2.87	2.47	-



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C219	Professional Ethics & Human Values	-	2.5	2.84	3	2.59	1.56	-	-	-	-	1.89	2.45	2	-	2.64
C221	Building Planning & Drawing	1.33	3	2.58	2.01	2.98	2.56	-	-	-	-	2.41	2.87	1.26	2.44	-
C222	Strength of Materials - II	-	-	-	-	-	2.69	2.94	-	-	2.64	-	-	2.98	2.78	2.98
C223	Hydraulics & Hydraulic Machinery	1.68	3	2.74	2.59	2.81	2.67	-	-	-	-	2.48	2.47	1.54	-	-
C224	Concrete Technology	1.33	3	2.87	1.98	2.69	2.45	-	-	-	-	2.45	2.97	1.89	-	-
C225	Structural Analysis - I	-	-	-	-	-	2.81	2.46	-	-	2.17	-	-	2.98	2.64	2.14
C226	Transportation Engineering - I	1.33	2.6	2.37	2.14	2.97	2.49	-	-	-	-	2.17	2.09	2.47	-	1.54
C227	FM & HM Lab	3	2.6	1.98	2.15	2.47	-	-	-	-	2.58	-	2.47	3	2.16	2.48
C228	Survey Field Work - II	-	2.6	2.47	2.95	2.67	1.54	-	-	-	-	2.17	2.64	1.82	2.74	2.67
C229	Managerial Economics & Financial Analysis	3	2.5	2.48	2.64	2.87	-	-	-	-	1.89	-	1.45	2.75	2.4	2.64
C311	Management Science	-	2.5	3	2.17	2.87	1.54	-	-	-	-	2.54	2.41	1.64	2.57	-
C312	Engineering Geology	2.5	2.5	2.74	1.92	2.87	2.14	-	-	-	-	2.64	2.87	1.54	-	2.15
C313	Structural Analysis -II	-	-	-	-	-	2.84	2.67	-	-	2.15	-	-	2.94	2.67	2.43
C314	Design & Drawing of Reinforced Concrete Structures	-	-	2.34	-	-	2.64	2.57	-	-	1.87	-	-	2.97	2.47	2.81



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C315	Transportation Engineering - II	2.6	2	1.89	2.71	2.81	2.47	-	-	-	-	2.86	2.71	1.58	2.92	-
C316	Concrete Technology Lab	2	-	3	2.45	2.72	-	-	-	-	-	-	1.89	-	2.24	-
C317	Geology Lab	2	-	2.87	2.15	2.84	-	-	-	-	-	-	1.89	-	-	2.47
C318	Transportation Engineering Lab	3	-	2.74	2.14	2.74	-	-	-	-	-	-	3	-	2.48	-
C321	Design & Drawing of Steel Structures	-	-	2.94	-	-	2.48	2.68	-	-	3	-	-	2.84	2.67	2.41
C322	Geotechnical Engineering - I	1.58	2.8	2.01	2.47	3	2.54	-	-	-	-	2.47	2.04	1.98	-	2.68
C323	Environmental Engineering -I	1.65	2.6	2.74	2.64	3	2.48	-	-	-	-	2.64	2.71	1.84	-	2.84
C324	Water Resource Engineering -I	1.56	3	2.84	1.84	2.74	2.14	-	-	-	-	2.04	2.17	1.84	-	2.78
C325	Waste water Management	1.36	3	2.14	2.84	2.94	2.17	-	-	-	-	2.67	2.18	1	-	2.76
C326	Geotechnical Engineering Lab	-	2.3	2.78	-	2.48	-	-	-	-	2.17	-	-	2.94	2.84	-
C327	Environmental Engineering Lab	-	2.5	2.94	-	1.89	-	-	-	-	2.78	-	-	2.18	2.67	-
C328	Computer Aided Engineering Lab	-	3	2.89	-	2.49	-	-	-	-	1.98	-	-	2.91	2.76	-
C411	Environmental Engineering - II	1.35	3	2.8	2.87	1.87	1.92	-	-	-	-	2.45	2.81	1.45	-	1.94
C412	Water Resource Engineering - II	1.58	2.36	2.84	1.94	2.84	2.67	-	-	-	-	1.97	2.68	1.54	2.64	-



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C413	Geotechnical Engineering - II	2.5	2.5	2.78	2.67	2.71	2.67	-	-	-	-	1.45	2.48	1.24	1.89	2.41
C414	Remote Sensing & GIS Applications	2	2.63	2.7	1.89	2.57	2.14	-	-	-	-	2.64	2.85	1.24	-	1.87
C415	Ground improvement techniques	2	2.4	2.49	2.48	2.76	1.98	-	-	-	-	2.48	2.47	1.24	1.89	-
C416	Environmental Impact Assessment & Management	2	2.5	2.91	2.18	2.49	2.17	-	-	-	-	2.47	2.79	1.54	-	2.36
C417	IPR & Patents	-	3	2.49	2.97	2.58	1.29	-	-	-	-	2.47	2.49	1.28	-	2.18
C418	GIS & CAD Lab	-	2.3	2.84	-	2.41	-	-	-	-	1.58	-	-	2.84	2.4	-
C419	Irrigation Design & Drawing	-	2.5	2.98	-	2.47	-	-	-	-	2.17	-	-	2.84	-	3
C421	Estimation Specification & Contracts	-	-	2.48	-	-	2.84	2.75	-	-	2.09	-	-	2.94	2.47	2.67
C422	Construction Technology & Management	2	2.58	2.87	2.17	2.49	1.87	-	-	-	-	1.92	2.81	1.84	-	-
C423	Prestressed Concrete	-	-	2.75	-	-	2.49	2.76	-	-	1.82	-	-	2.84	2.78	2.91
C424	Solid and Hazardous Waste Management	2	2.5	2.98	1.82	2.84	2.17	-	-	-	-	2.19	2.67	1.64	2.84	2.24
C425	Seminar	2.84	2.65	-	2.45	-	2.11	2.54	2.36	-	2.12	-	2.54	2.5	2.87	2.84
C426	Project	3	2	2.84	-	2.49	2.37	-	1.24	-	2.84	2.17	1.89	2.89	2.17	2.37



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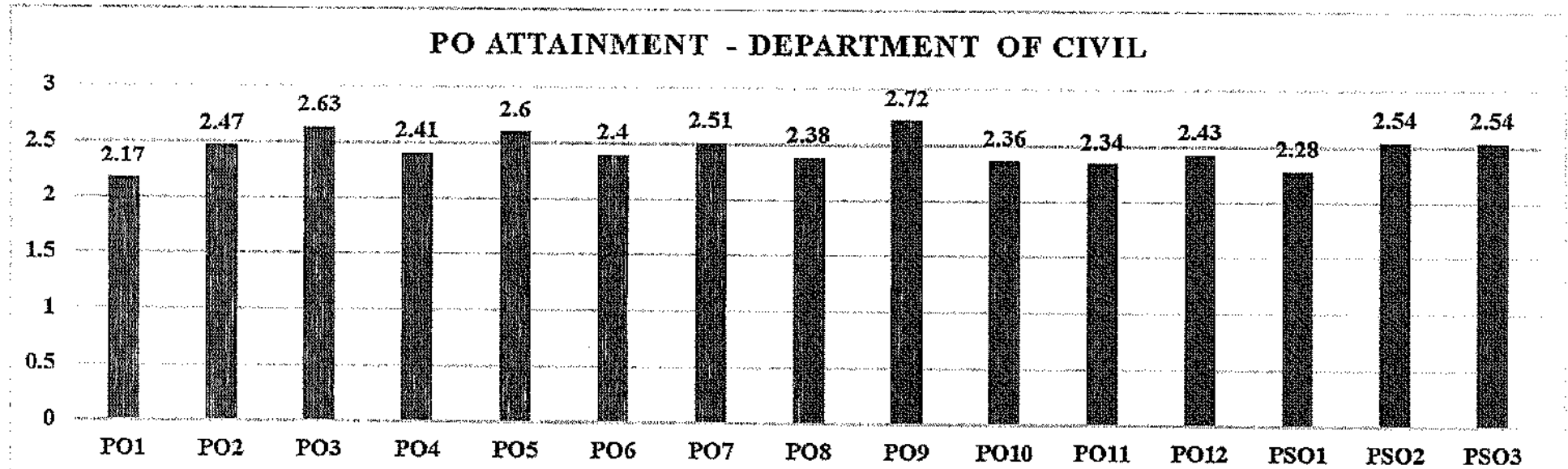
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Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Direct Attainment	2.19	2.59	2.67	2.37	2.57	2.38	2.60	2.40	2.79	2.28	2.31	2.43	2.24	2.53	2.49
In Direct Attainment	2.07	1.98	2.47	2.58	2.74	2.48	2.15	2.28	2.47	2.69	2.47	2.40	2.47	2.58	2.76
Final PO Attained	2.17	2.47	2.63	2.41	2.60	2.40	2.51	2.38	2.72	2.36	2.34	2.43	2.28	2.54	2.54





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Continuous Quality Improvement for POs and PSOs:

Target =2.3

Observation: All POs and PSOs attained the target except PO1 (Engineering Knowledge), PSO1 which are marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO1, Tutorials/ Assignments to be given for the students and Extra classes to be conducted to give thorough practice in problem solving.
- To strengthen PSO1, motivate students to participate in experimental learning

Head of the Department

Head of the Department
Civil Engineering

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Department of Management Studies

CO-PO Attainment for Academic Year 2021-2022

Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
C-101	Management and Organizational Behavior	2.11	-	1.60	2.13	1.60	-	2.40	2.40
C-102	Managerial Economics	2.16	1.92	1.60	1.60	2.40	-	2.40	2.40
C-103	Accounting for Managers	2.33	2.13	2.17	-	-	-	-	1.60
C-104	Quantitative Analysis for Business Decisions	2.25	2.40	2.40	2.40	-	-	2.00	2.00
C-105	Legal and Business Environment	2.09	-	-	2.08	1.92	2.40	2.00	-
C-106	Business Communication and Soft skills	2.82	-	3.00	2.50	2.43	-	-	3.00
C-107	Cross Cultural Management	2.09	-	-	2.08	1.92	2.40	2.00	
C-108	Information Technology – Lab1 (Spreadsheet and Tally)	3.00	3.00	3.00	-	-	-	-	3.00
C-201	Financial Management	1.67	1.80	1.80	-	1.80	-	-	1.40
C-202	Human Resource Management	2.13	-	2.40	2.40	2.25	2.40	2.40	1.92
C-203	Marketing Management	2.40	2.40	2.20	2.40	2.40	2.40	2.00	1.92



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C-204	Operations Management	2.33	2.40	2.40	2.08	1.92	2.40	-	-
C-205	Business Research Methods	2.00	2.40	2.24	-	2.00	-	2.40	-
C-206	Project Management	1.64	1.32	1.60	-	1.80	-	1.80	1.80
C-207	IT Lab 2 (Programming R)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C-301	Strategic Management	1.40	-	1.00	-	1.80	1.00	1.64	1.40
C-302	Operations Research	1.80	1.50	1.40	-	-	-	-	1.27
EH-301	Leadership And Change Management	2.20	-	2.10	2.40	1.73	2.40	2.40	2.00
EH-302	Performance Evaluation And Compensation Management	1.51	1.40	1.80	1.60	1.40	1.20	-	-
EH-303	Human Resource Metrics And Analytics	1.58	1.00	1.32	1.00	1.40	1.80	-	1.80
EH-304	Human Capital Management	1.40	1.80	1.80	1.80	1.20	1.65	1.40	1.48
EF-301	Investment Analysis And Portfolio Management	1.40	1.40	1.00	1.80	1.40	1.40	1.40	-
EF-302	Managing Banks And Financial Institutions	1.51	1.25	-	1.34	1.80	1.40	-	-
EF-303	Financial Markets And Services	1.91	2.10	1.60	1.80	1.77	2.27	-	-
EF-305	Taxation	1.90	2.00	2.00	1.76	1.96	2.00	-	-



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EM-301	Consumer Behavior	1.28	1.53	1.80	1.08	1.00	1.00	1.40	-
EM-302	Retail Management	1.35	1.30	1.00	1.00	1.80	1.80	1.16	1.40
EM-303	Customer Relationship Management	1.34	1.40	1.40	1.80	1.32	1.36	-	-
EM-305	Digital And Social Media Marketing	2.15	1.80	2.00	2.06	2.00	-	-	-
C-401	Supply Chain Management And Analytics	1.92	-	1.80	2.00	1.71	1.70	-	-
C-402	Innovation And Entrepreneurship	2.45	2.60	2.60	2.28	2.33	2.20	2.60	2.60
EH-401	Labor Welfare And Employment Laws	2.52	2.40	2.60	2.45	2.40	-	-	2.20
EH-402	International Human Resource Management	2.52	2.60	2.20	2.40	2.45	2.33	-	-
EH-404	Human Resources Development	1.91	2.00	2.00	1.88	2.00	1.60	-	-
EH-405	Strategic Human Resource Management	1.96	1.67	1.80	1.89	1.80	2.00	-	-
EF-401	Financial Derivatives	2.29	2.33	2.20	-	2.20	2.28	-	-
EF-402	Global Financial Management	2.51	2.47	-	2.60	2.60	2.33	-	-
EF-403	Financial Risk Management	2.45	2.54	-	2.40	2.20	2.40	-	-
EF-404	Strategic Financial Management	1.87	2.00	-	2.00	1.92	1.87	-	-
EM-401	Services Marketing	2.60	-	2.50	2.44	2.40	-	2.60	2.60



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EM-402	Promotional & Distribution Management	2.54	2.60	3.00	2.80	2.60	-	-	2.47
EM-404	Advertising And Brand Management	2.40	2.47	2.20	2.40	2.60	2.40	-	-
EM-405	Global Marketing Management	2.60	2.60	2.60	2.60	2.60	2.60	-	-

Overall Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Direct Attainment	2.08	2.05	2.03	2.06	2.00	2.00	2.06	2.08
In Direct Attainment	2.6	2.9	2.54	2.78	2.65	2.48	2.96	2.98
Final PO Attained	2.18	2.22	2.13	2.21	2.13	2.10	2.24	2.26



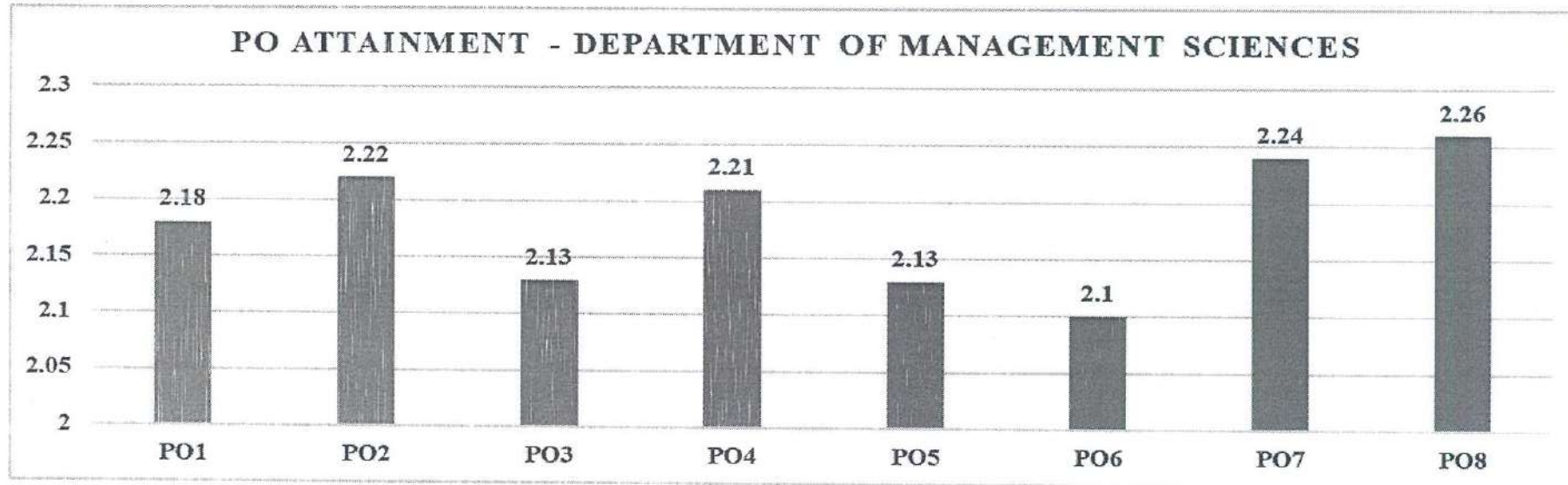
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Continuous Quality Improvement for POs:

Target =2.2

Observation: All POs attained the target except PO1, PO3, PO5, PO6 which are marginally attained.

Action Taken Report: As per discussion and suggested by PAC:

- To strengthen PO1, Tutorials/ Assignments to be given for the students and Extra classes to be conducted to give thorough practice in problem solving.
- To strengthen PO3, motivate students to participate in participate learning methodologies.
- To strengthen PO5, plan to conduct awareness programs on ethics mechanism.
- To strengthen PO6, Encourage students to participate in workshops/seminars/ symposia and motivate students for self-learning courses

V. Sai Prasad
Head of the Department

Head of the Department

Master of Business Administration
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Dept of CSE Regulation:R16 , Subject:Operating Systems Year & Sem: III-I


Calculation standards of attainment				Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE																			
	1:Low(40%)	2:Medium(60%)	3:High(75%)																				
Descriptive(5M)	2	3	3.75																				
Assignment(5M)	2	3	3.75																				
Quiz(10M)	4	6	7.5																				
S.NO	REGD.NO	Cycle#1																					
		CO1(Max:3M)				CO2(Max:3M)				CO3(Max:4M)				Total Marks (10M)	Q1 Marks (Max: 10)	Q1 (Avg:10) CO1/C02/C03	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(C01)	Avg(D/Q/A) Attainment Level(C02)	Avg(D/Q/A) Attainment Level(C03)	
		Q1-A (3M)	Q1-B (3M)	Total	Att. Level	Q2-A (3M)	Q2-B (3M)	Total	Att. Level	Q3-A (4M)	Q3-B (4M)	Total	Att. Level					A (5M) (CO1)	Att. Level				
1	18Q71A0501	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3	1	1	1	
2	18Q71A0503	5	5	5	5	3	3	3	2	5	5	5	3	13	5	5	1	5	3	3	2	2	
3	18Q71A0504	3	3	3	2	3	3	3	2	2	2	2	1	8	6	6	2	5	3	2	2	2	
4	18Q71A0505	2	2	2	1	2	2	2	1	4	4	4	3	8	6	6	2	5	3	2	2	3	
5	18Q71A0506	2	2	2	1	2	2	2	1	1	1	1	0	5	1	1	0	5	3	1	1	1	
6	18Q71A0507	2	2	2	1	2	2	2	1	0	0	0	0	4	6	6	2	5	3	2	2	2	
7	18Q71A0508	4	4	4	3	4	4	4	3	2	2	2	1	10	4	4	1	5	3	2	2	2	
8	18Q71A0509	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2	
9	18Q71A0510	4	4	4	3	4	4	4	3	4	4	4	3	12	5	5	1	5	3	2	2	2	

10	18Q71A0511	3	3	3	2	3	3	3	2	5	5	5	3	11	3	3	0	5	3	2	2	2
11	18Q71A0512	3	3	3	1	3	3	3	2	1	1	1	0	7	6	6	2	5	3	2	2	2
12	18Q71A0513	3	3	3	2	3	3	3	2	5	5	5	3	11	5	5	1	5	3	2	2	2
13	18Q71A0514	3	3	3	2	3	1	1	1	4	4	4	3	8	3	3	0	5	3	2	1	2
14	18Q71A0516	3	3	3	1	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2
15	18Q71A0517	3	3	3	1	3	3	3	2	0	0	0	0	6	3	3	0	5	3	1	2	1
16	18Q71A0518	0	0	0	0	1	1	1	0	1	1	1	0	2	4	4	1	5	3	1	1	1
17	18Q71A0519	1	1	1	0	0	0	0	0	0	0	0	0	1	7	7	2	3	3	2	2	2
18	18Q71A0520	3	3	3	2	3	3	3	2	1	1	1	0	7	4	4	1	5	3	2	2	1
19	18Q71A0521	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
20	18Q71A0522	5	5	5	3	3	5	5	5	2	1	1	1	11	5	5	1	5	3	2	3	2
21	18Q71A0523	2	2	2	1	2	2	2	1	4	4	4	3	8	8	8	3	5	3	2	2	3
22	18Q71A0524	3	3	3	2	3	3	3	2	5	5	5	3	11	4	4	1	5	3	2	2	2
23	18Q71A0525	2	2	2	1	0	0	0	0	2	2	2	1	4	6	6	2	5	3	2	2	2
24	18Q71A0526	2	2	2	1	2	2	2	1	1	1	1	0	5	2	2	0	5	3	1	1	1
25	18Q71A0527	2	2	2	1	2	2	2	1	2	2	2	1	6	4	4	1	3	3	2	2	2
26	18Q71A0528	2	2	2	1	2	2	2	1	1	1	1	0	5	4	4	1	4	3	2	2	1
27	18Q71A0530	5	5	5	3	5	5	5	3	0	0	0	0	10	4	4	1	5	3	2	2	1
28	18Q71A0531	3	3	3	2	1	1	1	0	0	0	0	0	4	0	0	0	5	3	2	1	1
29	18Q71A0532	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
30	18Q71A0533	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
31	18Q71A0534	5	5	5	3	5	5	5	3	0	0	0	0	10	2	2	0	5	3	2	2	1
32	18Q71A0535	4	4	4	0	4	4	4	0	3	3	3	2	11	3	3	0	5	3	1	1	2
33	18Q71A0536	3	3	3	2	3	3	3	2	3	3	3	2	9	3	3	0	5	3	2	2	2
34	18Q71A0537	0	0	0	0	2	2	2	1	1	1	1	0	13	4	4	1	5	3	1	2	1
35	18Q71A0539	2	2	2	1	2	2	2	1	4	4	4	3	8	3	3	0	5	3	1	1	2
36	18Q71A0540	2	2	2	1	1	1	1	0	5	5	5	3	8	2	2	0	5	3	1	1	2
37	18Q71A0541	4	4	4	3	4	4	4	3	3	3	3	2	11	0	0	0	5	3	2	2	2
38	18Q71A0542	4	4	4	0	4	4	4	0	3	3	3	2	11	4	4	1	5	3	1	1	2
39	18Q71A0543	4	4	4	3	5	5	5	3	5	5	5	3	14	4	4	1	5	3	2	2	2
40	18Q71A0544	2	2	2	1	2	2	2	1	1	1	1	0	5	2	2	0	5	3	1	1	1
41	18Q71A0545	3	3	3	2	1	1	1	0	0	0	0	0	4	3	3	0	5	3	2	1	1
42	18Q71A0546	3	3	3	2	1	1	1	0	0	0	0	0	4	7	7	2	4	3	2	2	2

43	18Q71A0548	3	3	3	2	3	3	3	2	3	3	3	2	9	3	3	0	5	3	2	2	2
44	18Q71A0549	0	0	0	1	0	0	0	0	0	0	0	0	0	5	5	1	3	3	2	1	1
45	18Q71A0551	5	5	5	3	5	5	5	3	0	0	0	0	10	4	4	1	5	3	2	2	1
46	18Q71A0552	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
47	18Q71A0553	3	3	3	2	3	3	3	2	0	0	0	0	6	5	5	1	5	3	2	2	1
48	18Q71A0554	5	5	5	0	5	5	5	3	2	2	2	1	12	3	3	0	5	3	1	2	1
49	18Q71A0555	2	2	2	1	0	0	0	0	1	1	1	0	3	3	3	0	5	3	1	1	1
50	18Q71A0556	3	3	3	2	3	3	3	2	3	3	3	2	9	5	5	1	5	3	2	2	2
51	18Q71A0557	2	2	2	1	2	2	2	1	4	4	4	3	8	4	4	1	5	3	2	2	2
52	18Q71A0558	5	5	5	3	5	5	5	3	0	0	0	0	10	4	4	1	5	3	2	2	1
53	18Q71A0559	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	4	3	2	2	2
54	18Q71A0560	5	5	5	0	5	5	5	3	2	2	2	1	12	7	7	2	5	3	2	3	2
55	18Q71A0561	3	3	3	0	3	3	3	2	1	1	1	0	7	5	5	1	5	3	1	2	1
56	18Q71A0562	2	2	2	1	2	2	2	1	4	4	4	3	8	4	4	1	5	3	2	2	2
57	18Q71A0563	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	3	3	1	1	1
58	18Q71A0564	2	2	2	1	2	2	2	1	1	1	1	0	5	4	4	1	4	3	2	2	1
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60	18Q71A0566	2	2	2	1	2	2	2	1	1	1	1	0	5	2	2	0	4	3	1	1	1
61	18Q71A0567	3	3	3	2	1	1	1	0	0	0	0	0	4	4	4	1	5	3	2	1	1
62	18Q71A0568	5	5	5	1	5	5	5	3	3	3	3	2	13	3	3	0	5	3	1	2	2
63	18Q71A0569	5	5	5	1	5	5	5	3	3	3	3	2	13	7	7	2	5	3	2	3	2
64	18Q71A0570	3	3	3	2	3	3	3	2	5	5	5	3	11	5	5	1	4	3	2	2	2
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67	18Q71A0574	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	1	5	3	1	1	1
68	18Q71A0575	2	2	2	1	2	2	2	1	4	4	4	3	8	2	2	0	4	3	1	1	2
69	18Q71A0576	5	5	5	1	5	5	5	3	3	3	3	2	13	4	4	1	5	3	2	2	2
70	18Q71A0577	2	2	2	1	2	2	2	1	1	1	1	0	5	4	4	1	3	3	2	2	1
71	18Q71A0579	5	5	5	1	5	5	5	3	3	3	3	2	13	6	6	2	5	3	2	3	2
72	18Q71A0580	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2
73	18Q71A0581	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	2	3	3	2	2	2
74	18Q71A0582	5	5	5	1	5	5	5	3	3	3	3	2	13	2	2	0	5	3	1	2	2
75	18Q71A0583	3	3	3	2	3	3	3	2	0	0	0	0	6	3	3	0	5	3	2	2	1

76	18Q71A0584	3	3	3	0	3	3	3	2	1	1	1	0	7	3	3	0	5	3	1	2	1
77	18Q71A0585	5	5	5	0	5	5	5	3	2	2	2	1	12	3	3	0	5	3	1	2	1
78	18Q71A0586	5	5	5	0	5	5	5	3	2	2	2	1	12	3	3	0	5	3	1	2	1
79	18Q71A0587	5	5	5	3	5	5	5	3	0	0	0	0	10	3	3	0	5	3	2	2	1
80	18Q71A0588	2	2	2	1	2	2	2	1	4	4	4	3	8	4	4	1	5	3	2	2	2
81	18Q71A0590	5	5	5	1	5	5	5	3	3	3	3	2	13	1	1	0	5	3	1	2	2
82	18Q71A0591	4	4	4	0	4	4	4	0	3	3	3	2	11	0	0	0	5	3	1	1	2
83	18Q71A0592	3	3	3	2	3	3	3	2	0	0	0	0	6	4	4	1	5	3	2	2	1
84	18Q71A0593	2	2	2	1	2	2	2	1	4	4	4	3	8	3	3	0	5	3	1	1	2
85	18Q71A0596	5	5	5	0	5	5	5	3	2	2	2	1	12	3	3	0	5	3	1	2	1
86	18Q71A0598	5	5	5	1	5	5	5	3	3	3	3	2	13	3	3	0	5	3	1	2	2
87	18Q71A05A0	2	2	2	1	2	2	2	1	4	4	4	3	8	3	3	0	5	3	1	1	2
88	18Q71A05A1	2	2	2	1	2	2	2	1	1	1	1	0	5	3	3	0	5	3	1	1	1
89	18Q71A05A3	2	2	2	1	0	0	0	0	1	1	1	0	3	3	3	0	5	3	1	1	1
90	18Q71A05A4	2	2	2	1	2	2	2	1	1	1	1	0	5	5	5	1	3	3	2	2	1
91	18Q71A05A7	2	2	2	1	2	2	2	1	1	1	1	0	5	6	6	2	3	3	2	2	2
92	19Q75A0501	2	2	2	1	0	0	0	0	1	1	1	0	3	5	5	1	3	3	2	1	1
93	19Q75A0502	3	3	3	0	3	3	3	2	1	1	1	0	7	0	0	0	5	3	1	2	1
94	19Q75A0503	2	2	2	1	1	1	1	0	6	6	6	3	9	3	3	0	5	3	1	1	2
95	19Q75A0504	4	4	4	0	4	4	4	0	3	3	3	2	11	2	2	0	5	3	1	1	2
96	19Q75A0505	2	2	2	1	2	2	2	1	1	1	1	0	5	3	3	0	5	3	1	1	1
97	19Q75A0506	2	2	2	1	2	2	2	1	4	4	4	3	8	5	5	1	3	3	2	2	2

Attainment Level Summary	CO1	CO2	CO3
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	62	69	58
% of students >=cut-off	64	71	60
Level Attained	2	2	1
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3


Faculty


HOD

Head of the Department
Computer Science and Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M), Vizianagaram (D)531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of CSE Regulation:R16 , Subject:Operating Systems Year & Sem: III-I

Calculation standards of attainment				Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE																			
	1:Low(40%)	2:Medium(60%)	3:High(75%)																				
Descrptive (5M)	2	3	3.75																				
Assignment(5M)	2	3	3.75																				
Quiz(10M)	4	6	7.5																				
S.NO	REGD.NO	Cycle#1																					
		CO4(Max:3M)				CO5(Max:3M)				CO6(Max:4M)				Total Marks (10M)	Q1 Marks (Max:10)	Q1 (Avg:10) CO1/CO2/CO3	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO1)	Avg(D/Q/A) Attainment Level(CO2)	Avg(D/Q/A) Attainment Level(CO3)	
		Q1-A (3M)	Q1-B (3M)	Total	Att. Level	Q2-A (3M)	Q2-B (3M)	Total	Att. Level	Q3-A (4M)	Q3-B (4M)	Total	Att. Level					A (5M) (CO1)	Att. Level				
1	18Q71A0501	2	2	2	1	2	2	2	1	1	1	1	0	5	3	3	0	3	3	1	1	1	
2	18Q71A0503	5	5	5	3	5	5	5	2	5	5	5	3	15	7	7	2	5	3	3	2	3	
3	18Q71A0504	3	3	3	2	5	5	5	3	5	5	5	3	13	7	7	2	5	3	2	3	3	
4	18Q71A0505	3	3	3	2	5	5	5	3	5	5	5	3	13	6	6	2	5	3	2	3	3	
5	18Q71A0506	2	2	2	1	2	2	2	1	1	1	1	0	5	8	8	3	5	3	2	2	2	
6	18Q71A0507	3	3	3	2	3	3	3	0	2	2	2	1	8	8	8	3	5	3	3	2	2	

7	18Q71A0508	3	3	3	2	5	5	5	3	5	5	5	3	13	1	1	0	5	3	2	2	2
8	18Q71A0509	3	3	3	2	5	5	5	3	5	5	5	3	13	5	5	1	5	3	2	2	2
9	18Q71A0510	5	5	5	3	5	5	5	2	5	5	5	3	15	9	9	3	5	3	3	3	3
10	18Q71A0511	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
11	18Q71A0512	4	4	4	3	4	4	4	2	3	3	3	2	11	8	8	3	5	3	3	3	3
12	18Q71A0513	4	4	4	3	2	2	2	1	4	4	4	3	10	10	10	3	5	3	3	2	3
13	18Q71A0514	4	4	4	3	4	4	4	2	3	3	3	2	11	10	10	3	5	3	3	3	3
14	18Q71A0516	4	4	4	2	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3
15	18Q71A0517	3	3	3	2	3	3	3	0	2	2	2	1	8	8	8	3	5	3	3	2	2
16	18Q71A0518	2	2	2	1	2	2	2	0	2	2	2	1	6	9	9	3	5	3	2	2	2
17	18Q71A0519	0	0	0	0	0	0	2	0	0	0	0	0	0	8	8	3	3	3	2	2	2
18	18Q71A0520	4	4	4	3	4	4	4	2	3	3	3	2	11	7	7	2	5	3	3	2	2
19	18Q71A0521	4	4	4	3	4	4	4	3	4	4	4	3	12	8	8	3	5	3	3	3	3
20	18Q71A0522	4	4	4	2	5	5	5	3	5	5	5	3	14	9	9	3	5	3	3	3	3
21	18Q71A0523	4	4	4	3	2	2	2	1	4	4	4	3	10	9	9	3	5	3	3	2	3
22	18Q71A0524	3	3	3	2	5	5	5	3	5	5	5	3	13	9	9	3	5	3	3	3	3
23	18Q71A0525	2	2	2	1	1	1	1	0	0	0	0	0	3	7	7	2	5	3	2	2	2
24	18Q71A0526	4	4	4	3	4	4	4	2	3	3	3	2	11	10	10	3	5	3	3	3	3
25	18Q71A0527	2	2	2	1	2	2	2	1	1	1	1	0	5	8	8	3	3	3	2	2	2
26	18Q71A0528	2	2	2	1	2	2	2	0	2	2	2	1	6	8	8	3	4	3	2	2	2
27	18Q71A0530	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
28	18Q71A0531	2	2	2	1	2	2	2	1	1	1	1	0	5	10	10	3	5	3	2	2	2
29	18Q71A0532	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
30	18Q71A0533	4	4	4	3	4	4	4	3	4	4	4	3	12	0	0	0	5	3	2	2	2
31	18Q71A0534	4	4	4	2	5	5	5	3	5	5	5	3	14	5	5	1	5	3	2	2	2
32	18Q71A0535	5	5	5	3	5	5	5	2	5	5	5	3	15	3	3	0	5	3	2	2	2
33	18Q71A0536	2	2	2	1	2	2	2	1	1	1	1	0	5	9	9	3	5	3	2	2	2
34	18Q71A0537	5	5	5	3	5	5	5	2	5	5	5	3	15	7	7	2	5	3	3	2	3
35	18Q71A0539	2	2	2	1	2	2	2	0	2	2	2	1	6	5	5	1	5	3	2	1	2
36	18Q71A0540	4	4	4	3	4	4	4	2	3	3	3	2	11	8	8	3	5	3	3	3	3
37	18Q71A0541	3	3	3	2	5	5	5	3	5	5	5	3	13	8	8	3	5	3	3	3	3
38	18Q71A0542	4	4	4	2	5	5	5	3	5	5	5	3	14	6	6	2	5	3	2	3	3
39	18Q71A0543	4	4	4	2	5	5	5	3	5	5	5	3	14	0	0	0	5	3	2	2	2
40	18Q71A0544	3	3	3	2	3	3	3	0	2	2	2	1	8	9	9	3	5	3	3	2	2
41	18Q71A0545	4	4	4	3	4	4	4	2	3	3	3	2	11	8	8	3	5	3	3	3	3

42	18Q71A0546	2	2	2	1	4	4	4	3	2	2	2	1	8	7	7	2	4	3	2	3	2
43	18Q71A0548	4	4	4	3	4	4	4	2	3	3	3	2	11	3	3	0	5	3	2	2	2
44	18Q71A0549	2	2	2	1	1	1	1	0	0	0	0	0	3	9	9	3	3	3	2	2	2
45	18Q71A0551	4	4	4	2	5	5	5	3	5	5	5	3	14	8	8	3	5	3	3	3	3
46	18Q71A0552	3	3	3	2	3	3	3	2	3	3	3	2	9	7	7	2	5	3	2	2	2
47	18Q71A0553	4	4	4	3	4	4	4	3	4	4	4	3	12	8	8	3	5	3	3	3	3
48	18Q71A0554	5	5	5	3	5	5	5	2	5	5	5	3	15	8	8	3	5	3	3	3	3
49	18Q71A0555	2	2	2	1	0	0	0	2	0	0	0	0	2	9	9	3	5	3	2	3	2
50	18Q71A0556	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	2	5	3	2	2	2
51	18Q71A0557	4	4	4	3	2	2	2	1	4	4	4	3	10	8	8	3	5	3	3	2	3
52	18Q71A0558	3	3	3	2	3	3	3	0	2	2	2	1	8	7	7	2	5	3	2	2	2
53	18Q71A0559	5	5	5	3	5	5	5	3	4	4	4	0	14	10	10	3	4	3	3	3	2
54	18Q71A0560	5	5	5	3	5	5	5	2	5	5	5	3	15	4	4	1	5	3	2	2	2
55	18Q71A0561	4	4	4	3	2	2	2	1	4	4	4	3	10	6	6	2	5	3	3	2	3
56	18Q71A0562	4	4	4	3	4	4	4	2	3	3	3	2	11	10	10	3	5	3	3	3	3
57	18Q71A0563	3	3	3	2	3	3	3	0	2	2	2	1	8	10	10	3	3	3	3	2	2
58	18Q71A0564	4	4	4	3	4	4	4	2	3	3	3	2	11	8	8	3	4	3	3	3	3
59	18Q71A0565	5	5	5	3	5	5	5	3	4	4	4	0	14	8	8	3	5	3	3	3	2
60	18Q71A0566	3	3	3	2	3	3	3	0	2	2	2	1	8	5	5	1	4	3	2	1	2
61	18Q71A0567	4	4	4	3	2	2	2	1	4	4	4	3	10	6	6	2	5	3	3	2	3
62	18Q71A0568	5	5	5	3	5	5	5	3	4	4	4	0	14	2	2	0	5	3	2	2	1
63	18Q71A0569	5	5	5	3	5	5	5	2	5	5	5	3	15	5	5	1	5	3	2	2	2
64	18Q71A0570	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	3	4	3	2	2	2
65	18Q71A0571	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2
66	18Q71A0572	5	5	5	3	5	5	5	3	4	4	4	0	14	5	5	1	5	3	2	2	1
67	18Q71A0574	3	3	3	2	5	5	5	3	5	5	5	3	13	0	0	0	5	3	2	2	2
68	18Q71A0575	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	4	3	3	3	3
69	18Q71A0576	3	3	3	2	5	5	5	3	5	5	5	3	13	5	5	1	5	3	2	2	2
70	18Q71A0577	3	3	3	2	3	3	3	2	1	1	1	0	7	5	5	1	3	3	2	2	1
71	18Q71A0579	5	5	5	3	5	5	5	2	5	5	5	3	15	9	9	3	5	3	3	3	3
72	18Q71A0580	5	5	5	2	5	5	5	3	3	3	3	2	13	9	9	3	5	3	3	3	3
73	18Q71A0581	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	3	3	1	1	1
74	18Q71A0582	5	5	5	3	5	5	5	2	5	5	5	3	15	8	8	3	5	3	3	3	3
75	18Q71A0583	3	3	3	2	3	3	3	2	1	1	1	0	7	9	9	3	5	3	3	3	2
76	18Q71A0584	3	3	3	2	3	3	3	0	2	2	2	1	8	0	0	0	5	3	2	1	1

77	18Q71A0585	5	5	5	3	5	5	5	3	4	4	4	0	14	4	4	1	5	3	2	2	1
78	18Q71A0586	3	3	3	2	5	5	5	3	5	5	5	3	13	8	8	3	5	3	3	3	3
79	18Q71A0587	5	5	5	3	5	5	5	3	4	4	4	0	14	3	3	0	5	3	2	2	1
80	18Q71A0588	4	4	4	3	4	4	4	2	3	3	3	2	11	7	7	2	5	3	3	2	2
81	18Q71A0590	5	5	5	3	5	5	5	2	5	5	5	3	15	5	5	1	5	3	2	2	2
82	18Q71A0591	5	5	5	3	5	5	5	3	4	4	4	0	14	3	3	0	5	3	2	2	1
83	18Q71A0592	3	3	3	2	3	3	3	2	3	3	3	2	9	7	7	2	5	3	2	2	2
84	18Q71A0593	3	3	3	2	3	3	3	2	3	3	3	2	9	0	0	0	5	3	2	2	2
85	18Q71A0596	5	5	5	3	5	5	5	3	4	4	4	0	14	8	8	3	5	3	3	3	2
86	18Q71A0598	3	3	3	2	3	3	3	2	3	3	3	2	9	3	3	0	5	3	2	2	2
87	18Q71A05A0	3	3	3	2	3	3	3	2	3	3	3	2	9	2	2	0	5	3	2	2	2
88	18Q71A05A1	4	4	4	3	4	4	4	3	4	4	4	3	12	5	5	1	5	3	2	2	2
89	18Q71A05A3	2	2	2	1	2	2	2	1	1	1	1	0	5	3	3	0	5	3	1	1	1
90	18Q71A05A4	4	4	4	3	4	4	4	2	3	3	3	2	11	5	5	1	3	3	2	2	2
91	18Q71A05A7	3	3	3	2	3	3	3	0	2	2	2	1	8	7	7	2	3	3	2	2	2
92	19Q75A0501	3	3	3	2	3	3	3	0	2	2	2	1	8	6	6	2	3	3	2	2	2
93	19Q75A0502	3	3	3	2	3	3	3	2	1	1	1	0	7	3	3	0	5	3	2	2	1
94	19Q75A0503	5	5	5	3	5	5	5	3	4	4	4	0	14	6	6	2	5	3	3	3	2
95	19Q75A0504	5	5	5	3	5	5	5	3	4	4	4	0	14	0	0	0	5	3	2	2	1
96	19Q75A0505	2	2	2	1	2	2	2	0	2	2	2	1	6	5	5	1	5	3	2	1	2
97	19Q75A0506	3	3	3	2	3	3	3	2	2	2	2	1	8	1	1	0	3	3	2	2	1

Attainment Level Summa	CO4	CO5	CO6
Maximum Attainment Lev	3	3	3
Cut-off Attainment Level(1.5	1.5	1.5
No.of Student >=Cut-off	94	90	84
% of students >=cut-off	97	93	87
Level Attained	3	3	3
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3

Sr. Dr. Balakrishna
Faculty

HOD
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AVANTHI INSTITUTE OF ENGG. & TECH.
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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of CSE, Regulation:R16 , Subject:Innovation and Entrepreneurship Year & Sem: III-I

Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE

Calculation standards of attainment

	<i>1:Low(40%)</i>	<i>2:Medium(60%)</i>	<i>3: High(75%)</i>
Descriptive(5M)	2	3	3.75
Assignment(5M)	2	3	3.75
Quiz(10M)	4	6	7.5


Faculty


HOD

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Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE

SL.NO	REGD.NO	Grade	GRADE WEIGHTAGE	60% of External Attainment	Att. Level
1	18Q7180501	F	0	0.00	0
2	18Q7180503	A	8	4.80	3
3	18Q7180504	B	7	4.20	2
4	18Q7180505	C	6	3.60	2
5	18Q7180506	D	5	3.00	1
6	18Q7180507	D	5	3.00	1
7	18Q7180508	S	9	5.40	3
8	18Q7180509	C	6	3.60	2
9	18Q7180510	A	8	4.80	3
10	18Q7180511	B	7	4.20	2
11	18Q7180512	C	6	3.60	2
12	18Q7180513	C	6	3.60	2
13	18Q7180514	F	0	0.00	0
14	18Q7180516	B	7	4.20	2
15	18Q7180517	C	6	3.60	2
16	18Q7180518	C	6	3.60	2
17	18Q7180519	8BSENT	0	0.00	0
18	18Q7180520	B	7	4.20	2
19	18Q7180521	B	7	4.20	2
20	18Q7180522	B	7	4.20	2
21	18Q7180523	B	7	4.20	2
22	18Q7180524	A	8	4.80	3
23	18Q7180525	F	0	0.00	0
24	18Q7180526	C	6	3.60	2
25	18Q7180527	F	0	0.00	0
26	18Q7180528	C	6	3.60	2
27	18Q7180530	C	6	3.60	2
28	18Q7180531	D	5	3.00	1
29	18Q7180532	D	5	3.00	1
30	18Q7180533	B	7	4.20	2
31	18Q7180534	B	7	4.20	2
32	18Q7180535	B	7	4.20	2
33	18Q7180536	F	0	0.00	0
34	18Q7180537	B	7	4.20	2
35	18Q7180539	C	6	3.60	2
36	18Q7180540	B	7	4.20	2
37	18Q7180541	B	7	4.20	2
38	18Q7180542	B	7	4.20	2


39	18Q7180543	S	9	5.40	3
40	18Q7180544	C	6	3.60	2
41	18Q7180545	C	6	3.60	2
42	18Q7180546	C	6	3.60	2
43	18Q7180548	A	8	4.80	3
44	18Q7180549	D	5	3.00	1
45	18Q7180551	B	7	4.20	2
46	18Q7180552	B	7	4.20	2
47	18Q7180553	A	8	4.80	3
48	18Q7180554	B	7	4.20	2
49	18Q7180555	D	5	3.00	1
50	18Q7180556	B	7	4.20	2
51	18Q7180557	B	7	4.20	2
52	18Q7180558	B	7	4.20	2
53	18Q7180559	B	7	4.20	2
54	18Q7180560	8	8	4.80	3
55	18Q7180561	A	7	4.20	2
56	18Q7180562	B	7	4.20	2
57	18Q7180563	F	0	0.00	0
58	18Q7180564	B	7	4.20	2
59	18Q7180565	O	10	6.00	3
60	18Q7180566	B	7	4.20	2
61	18Q7180567	F	7	4.20	2
62	18Q7180568	8	8	4.80	3
63	18Q7180569	A	10	6.00	3
64	18Q7180570	8BSENT	0	0.00	0
65	18Q7180571	C	0	0.00	0
66	18Q7180572	A	8	4.80	3
67	18Q7180574	A	8	4.80	3
68	18Q7180575	B	7	4.20	2
69	18Q7180576	C	7	4.20	2
70	18Q7180577	B	7	4.20	2
71	18Q7180579	S	9	5.40	3
72	18Q7180580	C	6	3.60	2
73	18Q7180581	8BSENT	0	0.00	0
74	18Q7180582	A	8	4.80	3
75	18Q7180583	C	6	3.60	2
76	18Q7180584	C	6	3.60	2
77	18Q7180585	S	9	5.40	3
78	18Q7180586	B	7	4.20	2
79	18Q7180587	O	7	4.20	2
80	18Q7180588	C	6	3.60	2
81	18Q7180590	O	10	6.00	3
82	18Q7180591	B	7	4.20	2
83	18Q7180592	F	0	0.00	0
84	18Q7180593	D	5	3.00	1

85	18Q7180596	C	6	3.60	2
86	18Q7180598	A	8	4.80	3
87	18Q7180580	D	5	3.00	1
88	18Q7180581	B	7	4.20	2
89	18Q7180583	D	5	3.00	1
90	18Q7180584	B	7	4.20	2
91	18Q7180587	C	7	4.20	2
92	19Q7580501	C	6	3.60	2
93	19Q7580502	D	5	3.00	1
94	19Q7580503	A	8	4.80	3
95	19Q7580504	A	8	4.80	3
96	19Q7580505	C	6	3.60	2
97	19Q7580506	B	7	4.20	2

Attainment Level Summary	CO1 to CO6
Maximum attainment	3
Cut-off attainment Level(1-Passed)	2
No.of Student \geq Cut-off	86
% of students \geq cut-off	89
Level Attained	3

Level of Attained			
% of students	<50	50-79	\geq 80
Level	1	2	3


Faculty


Head of the Department
Computer Science and Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M), Vizianagaram (D)531162




AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of CSE, Regulation:R19 , Subject:Innovation and Entrepreneurship Year & Sem: III-I

Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE

Particulars	Overall Attainment					
	CO1	CO2	CO3	CO4	CO5	CO6
Internal Attainment Level (INT)	2	2	1	3	3	3
External Attainment Level (EXT)	3	3	3	3	3	3
TOTAL = INT * 0.4 + EXT * 0.6	2.6	2.6	2.2	3	3	3


Faculty


HOD

Head of the Department
Computer Science and Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M), Vizianagaram (D)531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY


Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162


Dept of CSE Regulation:R16 , Subject:Operating Systems Year & Sem: III-I

Faculty: Dr.K.Bala Krishna Professor, Dept. of CSE

The Mapping of CO and PO on 3 point scale{high-3,Medium-2,Low-1} is:

	CO Attainment Level	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
CO-1	2.6	2		3	3									2	
CO-2	2.6	1										3	3	2	
CO-3	2.2			3	2	2									3
CO-4	3	3		2								2		2	
CO-5	3			2		2							2		3
CO-6	3	3								3			3	3	
PO/PSO Weightage		9	0	10	5	4	0	0	0	3	0	5	8	9	6
PO/PSO Co-relation weightage all Cos(1-6)		25.8	0	26.4	12.2	10.4	0	0	0	9	0	13.8	22.8	25.4	15.6
PO/PSO Attainment Level		2.87	-	2.64	2.44	2.60	-	-	-	3.00	-	2.76	2.85	2.82	2.60


Faculty


HOD
Head of the Department
Computer Science and Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M), Vizianagaram (D)531162

CGPA CALCULATION:

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 90	≥ 90	O	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	S	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B	Good	7
≥ 50 to < 60	≥ 50 to < 60	C	Fair	6
≥ 40 to < 50	≥ 40 to < 50	D	Satisfactory	5
< 40	< 40	F	Fail	0
			Absent	0




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of ECE, Regulation:R16 , Subject:Analog Communication Year & Sem: II-II

Calculation standards of attainment				Faculty: Mrs.S.S.Bhavani, Assistant Professor, Dept. of ECE																			
	1:Low(40%)	2:Medium(60%)	3:High(75%)																				
Descriptive(5M)	2	3	3.75																				
Assignment(5M)	2	3	3.75																				
Quiz(10M)	4	6	7.5																				
S.NO	REGD.NO	Cycle#1																					
		CO1(Max:5M)				CO2(Max:5M)				CO3(Max:5M)				Total Marks (15M)	Q1 Marks (Max:10)	Q1 (Avg:10) CO1/C02/C03	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO1)	Avg(D/Q/A) Attainment Level(CO2)	Avg(D/Q/A) Attainment Level(CO3)	
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level					A (5M) (CO1)	Att. Level				
1	18Q71A0401	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2	
2	18Q71A0402	3	3	3	2	0	0	0	0	0	0	0	0	3	10	10	3	5	3	3	2	2	
3	18Q71A0403	4	4	4	3	0	0	0	0	0	0	0	0	4	10	10	3	5	3	3	2	2	
4	18Q71A0404	4	4	4	3	4	4	4	0	0	0	0	0	8	10	10	3	5	3	3	2	2	
5	18Q71A0405	5	5	5	3	5	5	5	3	1	1	1	0	11	10	10	3	5	3	3	3	2	

6	18Q71A0406	5	5	5	3	4	4	4	3	0	0	0	0	9	10	10	3	5	3	3	3	2
7	18Q71A0407	4	4	4	3	5	5	5	3	4	4	4	3	13	10	10	3	5	3	3	3	3
8	18Q71A0408	5	5	5	3	5	5	5	3	1	1	1	0	11	10	10	3	5	3	3	3	2
9	18Q71A0409	5	5	5	3	5	5	5	3	1	1	1	0	11	9	9	3	5	3	3	3	2
10	18Q71A0410	5	5	5	3	5	5	5	3	1	1	1	0	11	9	9	3	5	3	3	3	2
11	18Q71A0411	5	5	5	3	4	4	4	3	0	0	0	0	9	10	10	3	5	3	3	3	2
12	18Q71A0412	5	5	5	3	5	5	5	3	0	0	0	0	10	8	8	3	5	3	3	3	2
13	18Q71A0413	5	5	5	3	5	5	5	3	0	0	0	0	10	8	8	3	5	3	3	3	2
14	18Q71A0414	5	5	5	3	5	5	5	3	1	1	1	0	11	9	9	3	5	3	3	3	2
15	18Q71A0415	5	5	5	3	5	5	5	3	5	5	5	3	15	10	10	3	5	3	3	3	3
16	18Q71A0416	5	5	5	3	0	0	0	0	0	0	0	0	5	10	10	3	5	3	3	2	2
17	18Q71A0417	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
18	18Q71A0418	5	5	5	3	5	5	5	3	3	3	3	2	13	10	10	3	5	3	3	3	3
19	18Q71A0419	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
20	18Q71A0420	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
21	18Q71A0421	5	5	5	3	5	5	5	3	0	0	0	0	10	9	9	3	5	3	3	3	2
22	18Q71A0422	5	5	5	3	0	0	0	0	0	0	0	0	5	10	10	3	5	3	3	2	2
23	18Q71A0423	5	5	5	3	0	0	0	0	0	0	0	0	5	10	10	3	5	3	3	2	2
24	18Q71A0424	5	5	5	3	4	4	4	3	0	0	0	0	9	10	10	3	5	3	3	3	2
25	18Q71A0425	1	1	1	0	1	1	1	0	0	0	0	0	2	10	10	3	5	3	2	2	2
26	18Q71A0426	3	3	3	2	0	0	0	0	0	0	0	0	3	10	10	3	5	3	3	2	2
27	18Q71A0427	2	2	2	1	1	1	1	0	3	3	3	2	6	9	9	3	5	3	2	2	3
28	18Q71A0428	1	1	1	0	1	1	1	0	0	0	0	0	2	9	9	3	5	3	2	2	2
29	18Q71A0429	1	1	1	0	1	1	1	0	0	0	0	0	2	10	10	3	5	3	2	2	2
30	18Q71A0430	0	0	0	0	1	1	1	0	0	0	0	0	1	10	10	3	5	3	2	2	2
31	18Q71A0431	0	0	0	0	1	1	1	0	0	0	0	0	1	10	10	3	5	3	2	2	2
32	18Q71A0432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
33	18Q71A0433	4	4	4	3	4	4	4	0	0	0	0	0	8	10	10	3	5	3	3	2	2
34	18Q71A0434	4	4	4	3	0	0	0	0	0	0	0	0	4	10	10	3	5	3	3	2	2
35	18Q71A0435	5	5	5	3	0	0	0	0	0	0	0	0	5	10	10	3	5	3	3	2	2
36	18Q71A0436	2	2	2	1	1	1	1	0	3	3	3	2	6	10	10	3	5	3	2	2	3
37	18Q71A0437	5	5	5	3	4	4	4	3	0	0	0	0	9	10	10	3	5	3	3	3	2
38	18Q71A0438	5	5	5	3	4	4	4	3	0	0	0	0	9	9	9	3	5	3	3	3	2

39	18Q71A0439	2	2	2	1	1	1	1	0	3	3	3	2	6	10	10	3	5	3	2	2	3
40	18Q71A0440	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
41	18Q71A0441	5	5	5	3	0	0	0	0	0	0	0	0	5	10	10	3	5	3	3	2	2
42	18Q71A0442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
43	18Q71A0444	3	3	3	2	0	0	0	0	0	0	0	0	3	10	10	3	5	3	3	2	2
44	18Q71A0446	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
45	19Q75A0401	5	5	5	3	5	5	5	3	2	2	2	1	12	10	10	3	5	3	3	3	2
46	19Q75A0402	4	4	4	3	0	0	0	0	0	0	0	0	4	4	4	1	5	3	2	1	1
47	19Q75A0403	5	5	5	3	0	0	0	0	0	0	0	0	5	9	9	3	5	3	3	2	2
48	19Q75A0404	2	2	2	1	1	1	1	0	3	3	3	2	6	10	10	3	5	3	2	2	3
49	19Q75A0405	5	5	5	3	5	5	5	3	5	5	5	3	15	9	9	3	5	3	3	3	3
50	19Q75A0406	4	4	4	3	4	4	4	0	0	0	0	0	8	10	10	3	5	3	3	2	2
51	19Q75A0407	4	4	4	3	4	4	4	0	0	0	0	0	8	10	10	3	5	3	3	2	2
52	19Q75A0408	3	3	3	2	0	0	0	0	0	0	0	0	3	9	9	3	5	3	3	2	2
53	19Q75A0409	5	5	5	3	5	5	5	3	0	0	0	0	10	9	9	3	5	3	3	3	2
54	19Q75A0410	4	4	4	3	4	4	4	0	0	0	0	0	8	7	7	2	5	3	3	2	2
55	19Q75A0411	5	5	5	3	5	5	5	3	1	1	1	0	11	10	10	3	5	3	3	3	2

Attainment Level Summary	CO1	CO2	CO3
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	52	51	51
% of students >=cut-off	95	93	93
Level Attained	3	2	3

Level of Attained

% of students	<60	60-79	>=80
Level	1	2	3

S. S. Bhanu

Faculty

18Q71A0411

HOD

Head of the Department
 Electronics and Communication Engineering
 AVANTHI INSTITUTE OF ENGG & TECH.
 Cherukupally (V), Chittivalasa (SAO),
 Bhogapuram (M), Vizianagaram(D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of ECE, Regulation:RI6 , Subject:Analog Communication Year & Sem: II-II

Calculation standards of attainment				Faculty: Faculty: Mrs.S.S.Bhavani, Assistant Professor , Dept. of ECE																		
	1:Low(40%)	2:Medium (60%)	3:High (75%)																			
Descriptive(5M)	2	3	3.75																			
Assignment(5M)	2	3	3.75																			
Quiz(10M)	4	6	7.5																			
SL.NO	REGD.NO	Cycle#1																				
		CO4(Max:5M)				CO5(Max:5M)				CO6(Max:5M)				Total Marks (15M)	Q1 Marks (Max: 10)	Q1 (Avg: 10) CO1/ CO2/ CO3	Att. Level	Assignments		Avg(D /Q/A) Attainment Level(CO1)	Avg(D /Q/A) Attainment Level(CO2)	Avg(D /Q/A) Attainment Level(CO3)
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level	-	10			A (5M) (CO1)	Att. Level			
1	18Q71A0401	5	5	5	3	3	3	3	2	5	5	5	3	13	10	10	3	5	3	3	3	3
2	18Q71A0402	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
3	18Q71A0403	3	3	3	2	5	5	5	3	5	5	5	3	13	9	9	3	5	3	3	3	3
4	18Q71A0404	3	3	3	2	5	5	5	3	5	5	5	3	13	9	9	3	5	3	3	3	3
5	18Q71A0405	5	5	5	3	5	5	5	3	5	5	5	3	15	10	10	3	5	3	3	3	3
6	18Q71A0406	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3

7	18Q71A0407	5	5	5	3	5	5	5	3	0	0	0	0	10	7	7	2	5	3	3	3	2
8	18Q71A0408	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3
9	18Q71A0409	5	5	5	3	5	5	5	3	0	0	0	0	10	10	10	3	5	3	3	3	2
10	18Q71A0410	5	5	5	3	5	5	5	3	5	5	5	3	15	9	9	3	5	3	3	3	3
11	18Q71A0411	3	3	3	2	5	5	5	3	5	5	5	3	13	9	9	3	5	3	3	3	3
12	18Q71A0412	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
13	18Q71A0413	4	4	4	3	0	0	0	0	4	4	4	3	8	10	10	3	5	3	3	2	3
14	18Q71A0414	5	5	5	3	3	3	3	2	1	1	1	0	9	10	10	3	5	3	3	3	2
15	18Q71A0415	5	5	5	3	5	5	5	3	5	5	5	3	15	9	9	3	5	3	3	3	3
16	18Q71A0416	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
17	18Q71A0417	4	4	4	3	5	5	5	3	5	5	5	3	14	9	9	3	5	3	3	3	3
18	18Q71A0418	3	3	3	2	5	5	5	3	5	5	5	3	13	9	9	3	5	3	3	3	3
19	18Q71A0419	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
20	18Q71A0420	5	5	5	3	5	5	5	3	1	1	1	0	11	9	9	3	5	3	3	3	2
21	18Q71A0421	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
22	18Q71A0422	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
23	18Q71A0423	4	4	4	3	4	4	4	3	4	4	4	3	12	10	10	3	5	3	3	3	3
24	18Q71A0424	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3
25	18Q71A0425	4	4	4	3	4	4	4	3	4	4	4	3	12	10	10	3	5	3	3	3	3
26	18Q71A0426	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
27	18Q71A0427	4	4	4	3	4	4	4	3	4	4	4	3	12	10	10	3	5	3	3	3	3
28	18Q71A0428	5	5	5	3	3	3	3	2	1	1	1	0	9	9	9	3	5	3	3	3	2
29	18Q71A0429	5	5	5	3	5	5	5	3	1	1	1	0	11	10	10	3	5	3	3	3	2
30	18Q71A0430	4	4	4	3	4	4	4	3	4	4	4	3	12	8	8	3	5	3	3	3	3
31	18Q71A0431	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
32	18Q71A0432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
33	18Q71A0433	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
34	18Q71A0434	4	4	4	3	0	0	0	0	4	4	4	3	8	10	10	3	5	3	3	2	3
35	18Q71A0435	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
36	18Q71A0436	5	5	5	3	2	5	2	1	0	0	0	0	7	10	10	3	5	3	3	2	2
37	18Q71A0437	4	4	4	3	4	4	4	3	4	4	4	3	12	9	9	3	5	3	3	3	3
38	18Q71A0438	4	4	4	3	2	2	2	1	1	1	1	0	7	10	10	3	5	3	3	2	2

39	18Q71A0439	5	5	5	3	5	5	5	3	1	1	1	0	11	9	9	3	5	3	3	3	2
40	18Q71A0440	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3
41	18Q71A0441	5	5	5	3	3	3	3	2	1	1	1	0	9	9	9	3	5	3	3	3	2
42	18Q71A0442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
43	18Q71A0444	5	5	5	3	5	5	5	3	1	1	1	0	11	10	10	3	5	3	3	3	2
44	18Q71A0446	4	4	4	3	0	0	0	0	4	4	4	3	8	9	9	3	5	3	3	2	3
45	19Q75A0401	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3
46	19Q75A0402	4	4	4	3	0	0	0	0	4	4	4	3	8	10	10	3	5	3	3	2	3
47	19Q75A0403	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
48	19Q75A0404	3	3	3	2	5	5	5	3	5	5	5	3	13	7	7	2	5	3	2	3	3
49	19Q75A0405	5	5	5	3	5	5	5	3	5	5	5	3	15	9	9	3	5	3	3	3	3
50	19Q75A0406	3	3	3	2	5	5	5	3	5	5	5	3	13	10	10	3	5	3	3	3	3
51	19Q75A0407	5	5	5	3	3	3	3	2	1	1	1	0	9	10	10	3	5	3	3	3	2
52	19Q75A0408	4	4	4	3	0	0	0	0	4	4	4	3	8	9	9	3	5	3	3	2	3
53	19Q75A0409	4	4	4	3	5	5	5	3	5	5	5	3	14	5	5	1	5	3	2	2	2
54	19Q75A0410	5	5	5	3	5	5	5	3	5	5	5	3	15	10	10	3	5	3	3	3	3
55	19Q75A0411	4	4	4	3	5	5	5	3	5	5	5	3	14	10	10	3	5	3	3	3	3

Attainment Level Summary	CO4	CO5	CO6
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	46	46	46
% of students >=cut-off	84	84	84
Level Attained	3	3	2
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3



Faculty



HOD

Head of the Department
 Electronics and Communication Engineering
 AVANTHI INSTITUTE OF ENGG & TECH.
 Cherukupally (V), Chittivalasa (SAO),
 Bhogapuram (M), Vizianagaram(D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of ECE, Regulation:R16 , Subject:Analog Communication Year & Sem: II-II

Faculty: Mrs.S.S.Bhavani, Assistant Professor, Dept. of ECE

Calculation standards of attainment

	<i>1:Low(40%)</i>	<i>2:Medium(60%)</i>	<i>3: High(75%)</i>
Descriptive(5M)	2	3	3.75
Assignment(5M)	2	3	3.75
Quiz(10M)	4	6	7.5

Faculty

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Dept of ECE, Regulation:R16 , Subject:Analog Communication Year & Sem: II-II


Faculty: Mrs.S.S.Bhavani, Assistant Professor, Dept. of ECE

S.NO	REGD.NO	Grade	GRADE WEIGHTAGE	60% of External Attainment	Att. Level
1	18Q71A0401	C	6.00	3.60	2
2	18Q71A0402	D	5.00	3.00	1
3	18Q71A0403	D	5.00	3.00	1
4	18Q71A0404	C	6.00	3.60	2
5	18Q71A0405	C	6.00	3.60	2
6	18Q71A0406	C	6.00	3.60	2
7	18Q71A0407	C	6.00	3.60	2
8	18Q71A0408	C	6.00	3.60	2
9	18Q71A0409	C	6.00	3.60	2
10	18Q71A0410	C	6.00	3.60	2
11	18Q71A0411	C	6.00	3.60	2
12	18Q71A0412	B	7.00	4.20	2
13	18Q71A0413	D	5.00	3.00	1
14	18Q71A0414	D	5.00	3.00	1
15	18Q71A0415	C	6.00	3.60	2
16	18Q71A0416	C	6.00	3.60	2
17	18Q71A0417	S	9.00	5.40	3
18	18Q71A0418	A	8.00	4.80	3
19	18Q71A0419	ABSENT	0.00	0.00	0
20	18Q71A0420	F	0.00	0.00	0
21	18Q71A0421	B	7.00	4.20	2
22	18Q71A0422	C	6.00	3.60	2
23	18Q71A0423	D	5.00	3.00	1
24	18Q71A0424	A	8.00	4.80	3
25	18Q71A0425	C	6.00	3.60	2
26	18Q71A0426	A	8.00	4.80	3
27	18Q71A0427	B	7.00	4.20	2
28	18Q71A0428	B	7.00	4.20	2
29	18Q71A0429	C	6.00	3.60	2
30	18Q71A0430	D	5.00	3.00	1
31	18Q71A0431	ABSENT	0.00	0.00	0
32	18Q71A0432	ABSENT	0.00	0.00	0
33	18Q71A0433	F	0.00	0.00	0
34	18Q71A0434	F	0.00	0.00	0

35	18Q71A0435	B	7.00	4.20	2
36	18Q71A0436	D	5.00	3.00	1
37	18Q71A0437	B	7.00	4.20	2
38	18Q71A0438	C	6.00	3.60	2
39	18Q71A0439	B	7.00	4.20	2
40	18Q71A0440	B	7.00	4.20	2
41	18Q71A0441	C	6.00	3.60	2
42	18Q71A0442	ABSENT	0.00	0.00	0
43	18Q71A0444	F	0.00	0.00	0
44	18Q71A0446	A	8.00	4.80	3
45	19Q75A0401	A	8.00	4.80	3
46	19Q75A0402	C	6.00	3.60	2
47	19Q75A0403	A	8.00	4.80	3
48	19Q75A0404	D	5.00	3.00	1
49	19Q75A0405	A	8.00	4.80	3
50	19Q75A0406	B	7.00	4.20	2
51	19Q75A0407	C	6.00	3.60	2
52	19Q75A0408	D	5.00	3.00	1
53	19Q75A0409	B	7.00	4.20	2
54	19Q75A0410	B	7.00	4.20	2
55	19Q75A0411	B	7.00	4.20	2

Attainment Level Summary	CO1 to CO6		
Attainment Level	3		
Cut-off Attainment Level(1-Passed)	2		
No.of Student >=Cut-off	47		
% of students >=cut-off	85		
Level Attained	3		
Level of Attained			
% of students	<50	50-79	>=80
Level	1	2	3


Faculty


HOD
Head of the Department
Electronics and Communication Engineering
AVANTHI INSTITUTE OF ENGG & TECH.
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Bhogapuram (M), Vizianagaram(D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of ECE, Regulation:R16 , Subject:Analog Communication Year & Sem: II-II

Faculty: Mrs.S.S.Bhayani, Assistant Professor, Dept. of ECE						
Particulars	Overall Attainment					
	CO1	CO2	CO3	CO4	CO5	CO6
Internal Attainment Level (INT)	3	2	3	3	2	3
External Attainment Level (EXT)	3	3	3	3	3	3
TOTAL = INT * 0.4 + EXT * 0.6	3	2.6	3	3	2.6	3

Faculty

HOD

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of ECE, Regulation:R16 , Subject:Analog Communication Year & Sem: II-II

Faculty: Mrs.S.S.Bhavani, Assistant Professor, Dept. of ECE

The Mapping of CO and PO on 3 point scale{high-3,Medium-2,Low-1} is:

	CO Attainment Level	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
CO-1	3	3	2	-	-	1	-	-	-	-	-	-	2	3	2
CO-2	2.6	3	2	-	-	1	-	-	-	-	-	-	2	3	2
CO-3	3	3	2	-	-	1	-	-	-	-	-	-	2	3	3
CO-4	3	3	2	-	-	-	-	-	-	-	-	-	2	3	3
CO-5	2.6	3	2										2	3	3
CO-6	3	3	2										2	3	2
PO/PSO Weightage		18	12	0	0	1	0	0	0	0	0	0	12	18	15
PO/PSO Co-relation weightage all Cos(1-6)		51.6	34.4	0	0	3	0	0	0	0	0	0	34.4	51.6	43
PO/PSO Attainment Level		2.87	2.87	-	-	3.00	-	-	-	-	-	-	2.87	2.87	2.87

S.S.Bhavani

Faculty

[Signature]

HOD

Head of the Department
 Electronics and Communication Engineering
 AVANTHI INSTITUTE OF ENGG & TECH.
 Cherukupally (V), Chittivalasa (SAO),
 Bhogapuram (M), Vizianagaram(D). 531162

CGPA CALCULATION:

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 90	≥ 90	O	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	S	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B	Good	7
≥ 50 to < 60	≥ 50 to < 60	C	Fair	6
≥ 40 to < 50	≥ 40 to < 50	D	Satisfactory	5
< 40	< 40	F	Fail	0
			Absent	0




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO),
Bhogapuram (M),
Vizianagaram (Dist.)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
 Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162
 Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I


Calculation standards of attainment				Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE																						
	1:Low(40%)	2:Medium(60%)	3:High(75%)																							
Descriptive(5M)	2	3	3.75																							
Assignment(5M)	2	3	3.75																							
Quiz(10M)	4	6	7.5																							
S.NO	REGD.NO	Cycle#1																								
		CO1(Max:5M)				CO2(Max:5M)				CO3(Max:5M)				Total Marks (15M)	Q1 Marks (Max: 10)	Q1 Marks (Max: 10)	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO1)	Avg(D/Q/A) Attainment Level(CO2)	Avg(D/Q/A) Attainment Level(CO3)				
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level					A (5M) (CO1)	Att. Level							
1	17Q71A0202	1	1	1	0	2	2	2	1	2	2	2	1	5	5	5	1	5	3	1	2	2				
2	18Q71A0201	1	1	1	0	0	0	0	0	0	0	0	0	1	3	3	0	5	3	1	1	1				
3	18Q71A0202	1	1	1	0	1	1	1	0	0	0	0	0	2	1	1	0	5	3	1	1	1				
4	18Q71A0203	1	1	1	0	1	1	1	0	1	1	1	0	3	4	4	1	5	3	1	1	1				
5	18Q71A0204	1	1	1	0	0	0	0	0	0	0	0	0	1	4	4	1	5	3	1	1	1				
6	18Q71A0205	1	1	1	0	1	1	1	0	1	1	1	0	3	6	6	2	5	3	2	2	2				
7	18Q71A0206	1	1	1	0	1	1	1	0	1	1	1	0	3	7	7	2	5	3	2	2	2				
8	18Q71A0207	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	2	5	3	2	2	2				
9	18Q71A0208	1	1	1	0	0	0	0	0	0	0	0	0	1	4	4	1	5	3	1	1	1				
10	18Q71A0209	2	2	2	1	2	2	2	1	2	2	2	1	6	7	7	2	5	3	2	2	2				
11	18Q71A0210	2	2	2	1	2	2	2	1	2	2	2	1	6	5	5	1	5	3	2	2	2				
12	18Q71A0211	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1				

13	18Q71A0212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
14	18Q71A0213	1	1	1	0	1	1	1	0	1	1	1	0	3	7	7	2	5	3	2	2	2
15	18Q71A0214	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
16	18Q71A0215	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	5	3	1	1	1
17	18Q71A0216	1	1	1	0	1	1	1	0	1	1	1	0	3	5	5	1	5	3	1	1	1
18	18Q71A0217	1	1	1	0	1	1	1	0	1	1	1	0	3	2	2	0	5	3	1	1	1
19	18Q71A0218	1	1	1	0	1	1	1	0	1	1	1	0	3	5	5	1	5	3	1	1	1
20	18Q71A0220	2	2	2	1	2	2	2	1	1	1	1	0	5	2	2	0	5	3	1	1	1
21	18Q71A0221	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2
22	18Q71A0222	2	2	2	1	2	2	2	1	2	2	2	1	6	6	6	2	5	3	2	2	2
23	18Q75A0219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
24	19Q75A0201	3	3	3	2	3	3	3	2	1	1	1	0	7	2	2	0	5	3	2	2	1
25	19Q75A0202	3	3	3	2	2	2	2	1	2	2	2	1	7	5	5	1	5	3	2	2	2
26	19Q75A0203	2	2	2	1	3	3	3	2	3	3	3	2	8	4	4	1	5	3	2	2	2
27	19Q75A0204	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	5	3	2	2	2
28	19Q75A0205	2	2	2	1	2	2	2	1	4	4	4	3	8	4	4	1	5	3	2	2	2
29	19Q75A0206	4	4	4	3	2	2	2	1	2	2	2	1	8	4	4	1	5	3	2	2	2
30	19Q75A0207	5	5	5	3	3	3	3	2	2	2	2	1	10	6	6	2	5	3	3	2	2
31	19Q75A0208	2	2	2	1	3	3	3	2	3	3	3	2	8	4	4	1	5	3	2	2	2
32	19Q75A0209	2	2	2	1	3	3	3	2	2	2	2	1	7	4	4	1	5	3	2	2	2
33	19Q75A0210	3	3	3	2	2	2	2	1	2	2	2	1	7	5	5	1	5	3	2	2	2
34	19Q75A0211	3	3	3	2	3	3	3	2	2	2	2	1	8	4	4	1	5	3	2	2	2
35	19Q75A0212	3	3	3	2	3	3	3	2	3	3	3	2	9	2	2	0	5	3	2	2	2
36	19Q75A0213	2	2	2	1	2	2	2	1	4	4	4	3	8	5	5	1	5	3	2	2	2
37	19Q75A0214	0	0	0	0	2	2	2	1	2	2	2	1	4	7	7	2	5	3	2	2	2
38	19Q75A0215	3	3	3	2	2	2	2	1	2	2	2	1	7	0	0	0	5	3	2	1	1
39	19Q75A0216	2	2	2	1	3	3	3	2	3	3	3	2	8	2	2	0	5	3	1	2	2
40	19Q75A0217	2	2	2	1	2	2	2	1	1	1	1	0	5	6	6	2	5	3	2	2	2
41	19Q75A0219	2	2	2	1	3	3	3	2	3	3	3	2	8	3	3	0	5	3	1	2	2
42	19Q75A0220	1	1	1	0	2	2	2	1	2	2	2	1	5	4	4	1	5	3	1	2	2
43	19Q75A0221	2	2	2	1	2	2	2	1	1	1	1	0	5	7	7	2	5	3	2	2	2
44	19Q75A0222	3	3	3	2	3	3	3	2	3	3	3	2	9	3	3	0	5	3	2	2	2
45	19Q75A0223	2	2	2	1	3	3	3	2	3	3	3	2	8	7	7	2	5	3	2	2	2
46	19Q75A0224	1	1	1	0	3	3	3	2	3	3	3	2	7	6	6	2	5	3	2	2	2
47	19Q75A0225	2	2	2	1	2	2	2	1	3	3	3	2	7	6	6	2	5	3	2	2	2
48	19Q75A0226	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
49	19Q75A0227	2	2	2	1	2	2	2	1	2	2	2	1	6	6	6	2	5	3	2	2	2
50	19Q75A0228	1	1	1	0	1	1	1	0	2	2	2	1	4	6	6	2	5	3	2	2	2

51	19Q75A0229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
52	19Q75A0230	1	1	1	0	1	1	1	0	2	2	2	1	4	5	5	1	5	3	1	1	2
53	19Q75A0231	1	1	1	0	1	1	1	0	1	1	1	0	3	5	5	1	5	3	1	1	1
54	19Q75A0233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
55	19Q75A0234	1	1	1	0	1	1	1	0	2	2	2	1	4	6	6	2	5	3	2	2	2
56	19Q75A0235	0	0	0	0	0	0	0	0	1	1	1	0	1	3	3	0	5	3	1	1	1
57	19Q75A0236	2	2	2	1	2	2	2	1	1	2	2	1	6	4	4	1	5	3	2	2	2
58	19Q75A0237	1	1	1	0	1	1	1	0	0	0	0	0	2	3	3	0	5	3	1	1	1

Attainment Level Summary	CO1	CO2	CO3
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	34	37	37
% of students >=cut-off	59	64	64
Level Attained	1	2	2
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3


Faculty


HOD
Head of The Department
Department of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
Sattenapalle (M), Vizianagaram(Dist)-531163



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Cherukupally(Village), Near Thagarapavalasa Bridge, Vizianagaram (Dist)-531162
Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I


Calculation standards of attainment				Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE																		
Descriptive(5M)	2	3	3.75																			
Assignment(5M)	2	3	3.75																			
Quiz(10M)	4	6	7.5																			
S.NO	REGD.NO	Cycle#2																				
		CO4(Max:5M)				CO5(Max:5M)				CO6(Max:5M)				Total Marks (15M)	Q2 Marks (Max:10)	Q2 Marks (Max:10)	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO4)	Avg(D/Q/A) Attainment Level(CO5)	Avg(D/Q/A) Attainment Level(CO6)
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level					A (5M) (CO1)	Att. Level			
1	17Q71A0202	1	1	1	0	1	1	1	0	1	1	1	0	3	5	5	1	5	3	1	1	1
2	18Q71A0201	1	1	1	0	1	1	1	0	1	1	1	0	3	4	4	1	5	3	1	1	1
3	18Q71A0202	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	3	1	1	1
4	18Q71A0203	2	2	2	1	2	2	2	1	2	2	2	1	6	5	5	1	5	3	2	2	2
5	18Q71A0204	3	3	3	2	2	2	2	1	3	3	3	2	8	3	3	0	5	3	2	1	2
6	18Q71A0205	2	2	2	1	1	1	1	0	1	1	1	0	4	6	6	2	5	3	2	2	2
7	18Q71A0206	2	2	2	1	3	3	3	2	3	3	3	2	8	6	6	2	5	3	2	2	2
8	18Q71A0207	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	2	5	3	2	2	2
9	18Q71A0208	1	1	1	0	3	3	3	2	3	3	3	2	7	3	3	0	5	3	1	2	2
10	18Q71A0209	2	2	2	1	2	2	2	1	3	3	3	2	7	6	6	2	5	3	2	2	2
11	18Q71A0210	4	4	4	3	2	2	2	1	2	2	2	1	8	6	6	2	5	3	3	2	2

12	18Q71A0211	4	4	4	3	3	3	3	2	4	4	4	3	11	7	7	2	5	3	3	2	3
13	18Q71A0212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
14	18Q71A0213	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	1	5	3	1	1	1
15	18Q71A0214	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	5	3	1	1	1
16	18Q71A0215	2	2	2	1	2	2	2	1	2	2	2	1	6	3	3	0	5	3	1	1	1
17	18Q71A0216	3	3	3	2	3	3	3	2	3	3	3	2	9	1	1	0	5	3	2	2	2
18	18Q71A0217	2	2	2	1	2	2	2	1	3	3	3	2	7	3	3	0	5	3	1	1	2
19	18Q71A0218	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
20	18Q71A0220	0	0	0	0	0	0	0	0	1	1	1	0	1	5	5	1	5	3	1	1	1
21	18Q71A0221	5	5	5	3	5	5	5	3	5	5	5	3	15	4	4	1	5	3	2	2	2
22	18Q71A0222	4	4	4	3	4	4	4	3	4	4	4	3	12	6	6	2	5	3	3	3	3
23	18Q75A0219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
24	19Q75A0201	3	3	3	2	5	5	5	3	5	5	5	3	13	4	4	1	5	3	2	2	2
25	19Q75A0202	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
26	19Q75A0203	4	4	4	3	4	4	4	3	4	4	4	3	12	5	5	1	5	3	2	2	2
27	19Q75A0204	5	5	5	3	5	5	5	3	3	3	3	2	13	3	3	0	5	3	2	2	2
28	19Q75A0205	3	3	3	2	2	2	2	1	2	2	2	1	7	3	3	0	5	3	2	1	1
29	19Q75A0206	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
30	19Q75A0207	1	1	1	0	1	1	1	0	2	2	2	1	4	5	5	1	5	3	1	1	2
31	19Q75A0208	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
32	19Q75A0209	3	3	3	2	4	4	4	3	4	4	4	3	11	4	4	1	5	3	2	2	2
33	19Q75A0210	4	4	4	3	4	4	4	3	4	4	4	3	12	4	4	1	5	3	2	2	2
34	19Q75A0211	4	4	4	3	4	4	4	3	3	3	3	2	11	6	6	2	5	3	3	3	2
35	19Q75A0212	3	3	3	2	3	3	3	2	2	2	2	1	8	4	4	1	5	3	2	2	2
36	19Q75A0213	4	4	4	3	4	4	4	3	4	4	4	3	12	4	4	1	5	3	2	2	2
37	19Q75A0214	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	1	5	3	1	1	1
38	19Q75A0215	1	1	1	0	2	2	2	1	2	2	2	1	5	5	5	1	5	3	1	2	2
39	19Q75A0216	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	1	5	3	1	1	1
40	19Q75A0217	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	5	3	1	1	1
41	19Q75A0219	2	2	2	1	3	3	3	2	3	3	3	2	8	5	5	1	5	3	2	2	2
42	19Q75A0220	3	3	3	2	5	5	5	3	5	5	5	3	13	2	2	0	5	3	2	2	2
43	19Q75A0221	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
44	19Q75A0222	4	4	4	3	4	4	4	3	4	4	4	3	12	4	4	1	5	3	2	2	2
45	19Q75A0223	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
46	19Q75A0224	4	4	4	3	4	4	4	3	3	3	3	2	11	4	4	1	5	3	2	2	2
47	19Q75A0225	4	4	4	3	4	4	4	3	3	3	3	2	11	3	3	0	5	3	2	2	2
48	19Q75A0226	4	4	4	3	3	3	3	2	3	3	3	2	10	4	4	1	5	3	2	2	2
49	19Q75A0227	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	5	3	1	1	1

50	19Q75A0228	0	0	0	0	1	1	1	0	1	1	1	0	2	3	3	0	5	3	1	1	1
51	19Q75A0229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1
52	19Q75A0230	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	5	3	1	1	1
53	19Q75A0231	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2
54	19Q75A0233	2	2	2	1	2	2	2	1	1	1	1	0	5	5	5	1	5	3	2	2	1
55	19Q75A0234	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	5	3	1	1	1
56	19Q75A0235	3	3	3	2	3	3	3	2	1	1	1	0	7	4	4	1	5	3	2	2	1
57	19Q75A0236	2	2	2	1	2	2	2	1	2	2	2	1	6	6	6	2	5	3	2	2	2
58	19Q75A0237	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	5	3	1	1	1

Attainment Level Summary	CO4	CO5	CO6
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student \geq Cut-off	31	31	32
% of students \geq cut-off	53	53	55
Level Attained	1	1	1
Level of Attained			
% of students	<60	60-79	\geq80
Level	1	2	3


Faculty


HOD
Head of The Department
Department of Electrical and Electronics Engineering
Avanathi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram(Dist)-531163




AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162
Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I

Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE

Calculation standards of attainment

	<i>1:Low(40%)</i>	<i>2:Medium(60%)</i>	<i>3: High(75%)</i>
Descriptive(5M)	2	3	3.75
Assignment(5M)	2	3	3.75
Quiz(10M)	4	6	7.5


Faculty


HOD
Head of The Department
Department of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (S/O)
Bhogapuram (M), Vizianagaram(Dist)-531163

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Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I

Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE

S.NO	REGD.NO	Grade	GRADE WEIGHTAGE	60% of External	Att. Level
1	17Q71A0202	C	6.00	3.60	2
2	18Q71A0201	D	5.00	3.00	1
3	18Q71A0202	F	0.00	0.00	0
4	18Q71A0203	D	5.00	3.00	1
5	18Q71A0204	D	5.00	3.00	1
6	18Q71A0205	C	6.00	3.60	2
7	18Q71A0206	C	6.00	3.60	2
8	18Q71A0207	D	5.00	3.00	1
9	18Q71A0208	D	5.00	3.00	1
10	18Q71A0209	D	5.00	3.00	1
11	18Q71A0210	C	6.00	3.60	2
12	18Q71A0211	C	6.00	3.60	2
13	18Q71A0212	ABSENT	0.00	0.00	0
14	18Q71A0213	C	6.00	3.60	2
15	18Q71A0214	C	6.00	3.60	2
16	18Q71A0215	F	0.00	0.00	0
17	18Q71A0216	C	6.00	3.60	2
18	18Q71A0217	F	0.00	0.00	0
19	18Q71A0218	F	0.00	0.00	0
20	18Q71A0220	F	0.00	0.00	0
21	18Q71A0221	B	7.00	4.20	2
22	18Q71A0222	C	6.00	3.60	2
23	18Q75A0219	ABSENT	0.00	0.00	0
24	19Q75A0201	C	6.00	3.60	2
25	19Q75A0202	D	5.00	3.00	1
26	19Q75A0203	D	5.00	3.00	1
27	19Q75A0204	B	7.00	4.20	2
28	19Q75A0205	D	5.00	3.00	1
29	19Q75A0206	D	5.00	3.00	1
30	19Q75A0207	C	6.00	3.60	2
31	19Q75A0208	D	5.00	3.00	1
32	19Q75A0209	C	6.00	3.60	2
33	19Q75A0210	C	6.00	3.60	2
34	19Q75A0211	B	7.00	4.20	2
35	19Q75A0212	D	5.00	3.00	1
36	19Q75A0213	B	7.00	4.20	2
37	19Q75A0214	C	6.00	3.60	2
38	19Q75A0215	D	5.00	3.00	1
39	19Q75A0216	D	5.00	3.00	1
40	19Q75A0217	D	5.00	3.00	1
41	19Q75A0219	B	7.00	4.20	2

42	19Q75A0220	C	6.00	3.60	2
43	19Q75A0221	D	5.00	3.00	1
44	19Q75A0222	A	8.00	4.80	3
45	19Q75A0223	C	6.00	3.60	2
46	19Q75A0224	D	5.00	3.00	1
47	19Q75A0225	C	6.00	3.60	2
48	19Q75A0226	C	6.00	3.60	2
49	19Q75A0227	D	5.00	3.00	1
50	19Q75A0228	F	0.00	0.00	0
51	19Q75A0229	ABSENT	0.00	0.00	0
52	19Q75A0230	D	5.00	3.00	1
53	19Q75A0231	B	7.00	4.20	2
54	19Q75A0233	D	5.00	3.00	1
55	19Q75A0234	D	5.00	3.00	1
56	19Q75A0235	D	5.00	3.00	1
57	19Q75A0236	F	0.00	0.00	0
58	19Q75A0237	F	0.00	0.00	0

Attainment Level Summary		CO1 to CO6		
Maximum Attainment Level		3		
Cut-off Attainment Level(1-Passed)		2		
No.of Student \geq Cut-off		47		
% of students \geq cut-off		81		
Level Attained		3		
Level of Attained				
% of students	<50	50-79	\geq 80	
Level	1	2	3	

Faculty

HOD

Head of The Department
Department of Electrical and Electronics Engineering
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Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram(Dist)-531163



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I

Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE

Particulars	Overall Attainment					
	CO1	CO2	CO3	CO4	CO5	CO6
Internal Attainment Level (INT)	1	2	2	1	1	1
External Attainment Level (EXT)	3	3	3	3	3	3
TOTAL = INT * 0.4 + EXT * 0.6	2.2	2.6	2.6	2.2	2.2	2.2

Faculty

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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Dept of EEE Regulation:R16 Subject:Power Electronics Year&Sem:III-I

Faculty: Dr.S.N.V.Ganesh, Professor, Dept. of EEE															
The Mapping of CO and PO on 3 point scale{high-3,Medium-2,Low-1} is:															
	CO Attainment	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
CO-1	2.2		2		3	2								2	2
CO-2	2.6	2		3		2								2	
CO-3	2.6	2	3		2									2	2
CO-4	2.2	2		2		3								3	
CO-5	2.2		2		3	2								2	2
CO-6	2.2		3	2	2									2	2
PO/PSO Weightage		6	10	7	10	9	0	0	0	0	0	0	0	13	8
PO/PSO Co-relation weightage all Cos (1-6)		14.8	23.2	16.6	22.8	20.6	0	0	0	0	0	0	0	30.2	18.4
PO/PSO Attainment Level		2.47	2.32	2.37	2.28	2.29	-	-	-	-	-	-	-	2.32	2.30

Faculty

HOD

The Department
of Electrical and Electronics Engineering
Avanthi Institute of Engg. & Tech.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram(Dist)-531163

CGPA CALCULATION:

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 90	≥ 90	O	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	S	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B	Good	7
≥ 50 to < 60	≥ 50 to < 60	C	Fair	6
≥ 40 to < 50	≥ 40 to < 50	D	Satisfactory	5
< 40	< 40	F	Fail	0
			Absent	0




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY


Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162


Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Calculation standards of attainment				Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H																		
	1:Low(40%)	2:Medium(60%)	3:High(75%)																			
Descriptive(5M)	2	3	3.75																			
Assignment(5M)	2	3	3.75																			
Quiz(10M)	4	5	7.5																			
S.NO	REGD.NO	Cycle#1																				
		CO1(Max:5M)				CO2(Max:5M)				CO3(Max:5M)				Total Marks (15M)	Q1 Marks (Max: 10)	Q1 Marks (Max: 10)	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO1)	Avg(D/Q/A) Attainment Level(CO2)	Avg(D/Q/A) Attainment Level(CO3)
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level					A (5M) (CO1)	Att. Level			
1	18Q71A0101	4	4	4	3	4	4	4	3	5	5	5	3	13	5	5	1	5	3	2	2	2
2	18Q71A0104	3	3	3	2	3	3	3	2	3	3	3	2	9	6	6	2	4	3	2	2	2
3	18Q71A0105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	18Q71A0106	4	4	4	3	4	4	4	3	5	5	5	3	13	6	6	2	5	3	3	3	3
5	18Q71A0107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	18Q71A0108	2	2	2	1	2	2	2	1	4	4	4	3	8	5	5	1	5	3	2	2	2
7	18Q71A0109	1	1	1	0	2	2	2	1	2	2	2	1	5	6	6	2	5	3	2	2	2
8	18Q71A0110	3	3	3	2	3	3	3	2	4	4	4	3	10	3	3	0	5	3	2	2	2
9	18Q71A0111	3	3	3	2	3	3	3	2	3	3	3	2	9	4	4	1	5	3	2	2	2

10	18Q71A0112	2	2	2	1	2	2	2	1	3	3	3	2	7	4	4	1	5	3	2	2	2
11	18Q71A0113	4	4	4	3	4	4	4	3	5	5	5	3	13	2	2	0	4	3	2	2	2
12	18Q71A0114	4	4	4	3	5	5	5	3	5	5	5	3	14	6	6	2	5	3	3	3	3
13	18Q71A0115	3	3	3	2	3	3	3	2	5	5	5	3	11	9	9	3	5	3	3	3	3

Attainment Level Summary	CO1	CO2	CO3
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student \geq Cut-off	9	9	9
% of students \geq cut-off	82	82	82
Level Attained	3	3	3
Level of Attained			
% of students	<60	60-79	\geq 80
Level	1	2	3


 Faculty


HOD
 Head of the Department
 Civil Engineering
 AVANTHI INSTITUTE OF ENGG. & TECH.
 Cherukupally (V), Chittivalasa (SAO)
 Bhogapuram (M), Vizianagaram (D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

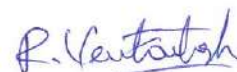
Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Calculation standards of attainment				Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H																			
	I:Low(40%)	2:Medium(60%)	3:High(75%)																				
Descriptive(5M)	2	3	3.75																				
Assignment(5M)	2	3	3.75																				
Quiz(10M)	4	6	7.5																				
S.NO	REGD.NO	Cycle#1																					
		CO4(Max:5M)				CO5(Max:5M)				CO6(Max:5M)				Total Marks (15M)	Q1 Marks (Max: 10)	Q1 Marks (Max: 10)	Att. Level	Assignments		Avg(D/Q/A) Attainment Level(CO1)	Avg(D/Q/A) Attainment Level(CO2)	Avg(D/Q/A) Attainment Level(CO3)	
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (5M)	Q2-B (5M)	Total	Att. Level	Q3-A (5M)	Q3-B (5M)	Total	Att. Level					A (5M) (CO1)	Att. Level				
1	18Q71A0101	5	5	5	3	5	5	5	3	5	5	5	3	15	3	3	0	5	3	2	2	2	
2	18Q71A0104	3	3	3	2	3	3	3	2	3	3	3	2	12	6	6	2	4	3	2	2	2	
3	18Q71A0105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	1	1	
4	18Q71A0106	4	4	4	3	5	5	5	3	5	5	5	3	14	4	4	1	5	3	2	2	2	
5	18Q71A0107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	1	1	
6	18Q71A0108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1	
7	18Q71A0109	3	3	3	2	3	3	3	2	4	4	4	3	10	4	4	1	4	3	2	2	2	
8	18Q71A0110	3	3	3	2	4	4	4	3	4	4	4	3	11	6	6	2	5	3	2	3	3	
9	18Q71A0111	3	3	3	2	4	4	4	3	4	4	4	3	11	5	5	1	5	3	2	2	2	

10	18Q71A0112	2	2	2	1	3	3	3	2	3	3	3	2	8	3	3	0	4	3	1	2	2
11	18Q71A0113	5	5	5	3	5	5	5	3	5	5	5	3	15	2	2	0	5	3	2	2	2
12	18Q71A0114	5	5	5	3	5	5	5	3	5	5	5	3	15	3	3	0	5	3	2	2	2
13	18Q71A0115	4	4	4	3	4	4	4	3	5	5	5	3	13	4	4	1	5	3	2	2	2

Attainment Level Summary	CO1	CO2	CO3
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	6	6	6
% of students >=cut-off	67	67	67
Level Attained	2	2	2
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3


Faculty


HOD
Head of the Department
Civil Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram (D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H

Calculation standards of attainment

	<i>1:Low(40%)</i>	<i>2:Medium(60%)</i>	<i>3: High(75%)</i>
Descriptive(5M)	2	3	3.75
Assignment(5M)	2	3	3.75
Quiz(10M)	4	6	7.5

Faculty

HOD

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Civil Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
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Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H

S.NO	REGD.NO	Grade	GRADE WEIGHTAGE	60% of External Attainment	Att. Level
1	18Q71A0101	B	7	4.20	2
2	18Q71A0104	A	8	4.80	3
3	18Q71A0106	B	7	4.20	2
4	18Q71A0108	D	5	3.00	1
5	18Q71A0109	F	0	0.00	0
6	18Q71A0110	O	0	0.00	0
7	18Q71A0111	ABSENT	0	0.00	0
8	18Q71A0112	F	0	0.00	0
9	18Q71A0113	D	5	3.00	1
10	18Q71A0114	S	9	5.40	3
11	18Q71A0115	B	7	4.20	2

Attainment Level Summary	CO1 to CO6		
Maximum Attainment Level	3		
Cut-off Attainment Level(1-Passed)	2		
No.of Student >=Cut-off	7		
% of students >=cut-off	47		
Level Attained	3		
Level of Attained			
% of students	<50	50-79	>=80
Level	1	2	3

Faculty

HOD

Head of the Department
Civil Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO)
Enggapuram (M), Vizianagaram (D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H

Particulars	Overall Attainment					
	CO1	CO2	CO3	CO4	CO5	CO6
Internal Attainment Level (INT)	3	3	3	2	2	2
External Attainment Level (EXT)	3	3	3	3	3	3
TOTAL = INT * 0.4 + EXT * 0.6	3	3	3	2.6	2.6	2.6


Faculty


HOD

Head of the Department,
Civil Engineering
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO)
Vengalapuram (M), Vizianagaram (D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY ENGINEERING

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of Civil Engineering, Regulation:R16 , Subject:Engineering Physics Year&Sem:I-II

Faculty: Dr.R.Swapna, Associate Professor , Dept. of BS&H

The Mapping of CO and PO on 3 point scale{high-3,Medium-2,Low-1} is:

	CO Attainment	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	PSO-3
CO-1	3						3	2						2		
CO-2	3	2	3												2	
CO-3	3			3		2									1	
CO-4	2.6	2		3									2			3
CO-5	2.6			3	2								1		2	
CO-6	2.6	2				3							3		2	
PO/PSO Weightage		6	3	9	2	5	3	2	0	0	0	0	6	2	7	3
PO/PSO Co-relation weightage all Cos (1-6)		16.4	9	24.6	5.2	13.8	9	6	0	0	0	0	15.6	6	19.4	7.8
PO/PSO Attainment Level		2.7	3.0	2.7	2.6	2.8	3	3	-	-	-	-	2.6	3.0	2.771	2.6

R

R. Venkatesh

Head of the Department
Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M), Vizianagaram (D)-531162

CPGA CALCULATION:

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 90	≥ 90	O	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	S	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B	Good	7
≥ 50 to < 60	≥ 50 to < 60	C	Fair	6
≥ 40 to < 50	≥ 40 to < 50	D	Satisfactory	5
< 40	< 40	F	Fail	0
			Absent	0




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH
Cherkupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of MBA, Regulation:R19 , Subject:Innovation and Entrepreneurship Year & Sem: II-II

Calculation standards of attainment				Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA																		
	1:Low(40%)	2:Medium(60%)	3:High(75%)																			
Descriptive(5M)	2	3	3.75																			
Assignment(5M)	2	3	3.75																			
PPT(5M)	2	3	3.75																			
S.NO	REGD.NO	Cycle#1																				
		CO1(Max:5M)				CO2(Max:5M)				CO3(Max:5M)				Total Marks (15M)	ppt Marks (Max: 5)	ppt (Avg: 5) CO1/CO2/CO3	Att. Level	Assignments		Avg(D /Q/A) Attainment Level(CO1)	Avg(D /Q/A) Attainment Level(CO2)	Avg(D /Q/A) Attainment Level(CO3)
		Q1-A (5M)	Q1-B (M)	Total	Att. Level	Q2-A (5M)	Q2-B (M)	Total	Att. Level	Q3-A (5M)	Q3-B (M)	Total	Att. Level					A (5M) (CO1)	Att. Level			
1	20Q71E0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	20Q71E0003	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
3	20Q71E0004	4	0	4	3	4	0	4	3	0	0	0	0	8	5	5	1	4	3	2	2	1

35	20Q71E0043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	20Q71E0044	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
37	20Q71E0045	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
38	20Q71E0046	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
39	20Q71E0047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	20Q71E0048	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
41	20Q71E0050	4	0	4	3	3	0	3	0	3	0	3	2	10	5	5	1	4	3	2	1	2
42	20Q71E0052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	20Q71E0053	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
44	20Q71E0054	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
45	20Q71E0055	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
46	20Q71E0056	4	0	4	3	3	0	3	2	3	0	3	2	10	5	5	1	4	3	2	2	2
47	20Q71E0057	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
48	20Q71E0059	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
49	20Q71E0060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	20Q71E0061	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
51	20Q71E0062	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
52	20Q71E0063	4	0	4	3	3	0	3	2	3	0	3	2	10	5	5	1	4	3	2	2	2
53	20Q71E0064	4	0	4	3	3	0	3	2	3	0	3	2	10	5	5	1	4	3	2	2	2
54	20Q71E0065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	20Q71E0066	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	20Q71E0067	4	0	4	3	3	0	3	2	3	0	3	2	10	5	5	1	4	3	2	2	2
57	20Q71E0068	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
58	20Q71E0069	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
59	20Q71E0070	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
60	20Q71E0071	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
61	20Q71E0072	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
62	20Q71E0073	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
63	20Q71E0074	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
64	20Q71E0075	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
65	20Q71E0076	4	0	4	3	4	0	4	0	3	0	3	2	11	5	5	1	4	3	2	1	2

66	20Q71E0077	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
67	20Q71E0078	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
68	20Q71E0079	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
69	20Q71E0080	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
70	20Q71E0081	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
71	20Q71E0082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	20Q71E0083	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2
73	20Q71E0084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0
74	20Q71E0085	4	0	4	3	3	0	3	2	0	0	0	0	7	5	4	1	4	3	2	2	1
75	20Q71E0086	4	0	4	0	4	0	4	3	4	0	4	3	12	5	5	1	4	3	1	2	2
76	20Q71E0087	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
77	20Q71E0088	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2
78	20Q71E0090	4	0	4	3	3	0	3	2	3	0	3	2	10	5	4	1	4	3	2	2	2
79	20Q71E0091	4	0	4	3	4	0	4	3	0	0	0	0	8	5	0	0	4	3	2	2	1
80	20Q71E0094	4	0	4	3	3	0	3	2	3	0	3	2	10	5	0	0	4	3	2	2	2

Attainment Level Summary	CO3	CO4	CO5
Maximum Attainment	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	61	60	30
% of students >=cut-off	76	75	38
Level Attained	2	1	1
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3


Faculty


Head of the Department
Master of Business Administration
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Near Tagarapavalasa Bridge
Vizianagaram (M), Vizianagaram (D)-531162



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dept of MBA, Regulation:R19 , Subject:Innovation and Entrepreneurship Year & Sem: II-II

Calculation standards of attainment				Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA																		
	1:Low(40%)	2:Medium(60%)	3:High(75%)																			
Descriptive(5M)	2	3	3.75																			
Assignment(5M)	2	3	3.75																			
PPT(5M)	2	3	3.75																			
SL.NO	REGD.NO	Cycle#2																				
		CO4 (Max:5M)				CO5 (Max:5M)				CO6 (Max:5M)				Total Marks (15M)	ppt Marks (Max:5)	ppt (Avg:5) CO1/C O2/CO3	Att. Level	Assignments		Avg(D/ Q/A) Attainment Level(CO1)	Avg(D/ Q/A) Attainment Level(CO2)	Avg(D/ Q/A) Attainment Level(CO3)
		Q1-A (5M)	Q1-B (5M)	Total	Att. Level	Q2-A (10M)	Q2-B (M)	Total	Att. Level	Q3-A (10M)	Q3-B (M)	Total	Att. Level					A (5M) (CO1)	Att. Level			
1	20Q71E0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	20Q71E0003	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
3	20Q71E0004	4	0	4	3	4	0	4	3	0	0	0	0	8	5	5	1	4	3	2	2	1
4	20Q71E0005	4	0	4	3	4	0	4	3	0	0	0	0	8	4	4	1	4	3	2	2	1
5	20Q71E0006	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
6	20Q71E0007	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2

7	20Q71E0008	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
8	20Q71E0009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	20Q71E0010	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
10	20Q71E0011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	20Q71E0012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	20Q71E0013	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
13	20Q71E0014	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
14	20Q71E0015	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
15	20Q71E0016	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
16	20Q71E0017	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
17	20Q71E0018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	20Q71E0019	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2
19	20Q71E0021	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
20	20Q71E0022	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
21	20Q71E0023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	20Q71E0024	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
23	20Q71E0026	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
24	20Q71E0027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	20Q71E0028	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
26	20Q71E0030	4	0	4	3	4	0	4	3	0	0	0	0	8	5	5	1	4	3	2	2	1
27	20Q71E0031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	20Q71E0032	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
29	20Q71E0033	3	0	3	2	3	0	3	2	0	0	0	0	6	5	5	1	4	3	2	2	1
30	20Q71E0035	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
31	20Q71E0036	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
32	20Q71E0039	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
33	20Q71E0040	4	0	4	3	4	0	4	3	0	0	0	0	8	5	5	1	4	3	2	2	1
34	20Q71E0042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	20Q71E0043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	20Q71E0044	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
37	20Q71E0045	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
38	20Q71E0046	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2

39	20Q71E0047	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
40	20Q71E0048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	20Q71E0050	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
42	20Q71E0052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	20Q71E0053	3	0	3	2	3	0	3	2	0	0	0	0	6	5	5	1	4	3	2	2	1
44	20Q71E0054	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
45	20Q71E0055	3	0	3	2	3	0	3	2	0	0	0	0	6	5	5	1	4	3	2	2	1
46	20Q71E0056	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
47	20Q71E0057	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
48	20Q71E0059	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2
49	20Q71E0060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	20Q71E0061	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
51	20Q71E0062	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
52	20Q71E0063	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
53	20Q71E0064	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
54	20Q71E0065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	20Q71E0066	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	20Q71E0067	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
57	20Q71E0068	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
58	20Q71E0069	3	0	3	2	3	0	3	2	4	0	4	3	10	5	5	1	4	3	2	2	2
59	20Q71E0070	3	0	3	2	3	0	3	2	0	0	0	0	6	5	5	1	4	3	2	2	1
60	20Q71E0071	5	0	5	3	4	0	4	3	4	0	4	3	13	5	5	1	4	3	2	2	2
61	20Q71E0072	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
62	20Q71E0073	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
63	20Q71E0074	4	0	4	3	3	0	3	2	0	0	0	0	7	5	5	1	4	3	2	2	1
64	20Q71E0075	5	0	5	3	4	0	4	0	4	0	4	3	13	5	5	1	4	3	2	1	2
65	20Q71E0076	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
66	20Q71E0077	3	0	3	2	3	0	3	2	0	0	0	0	6	5	5	1	4	3	2	2	1
67	20Q71E0078	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
68	20Q71E0079	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
69	20Q71E0080	4	0	4	3	4	0	4	3	0	0	0	0	8	4	4	1	4	3	2	2	1
70	20Q71E0081	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2

71	20Q71E0082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	20Q71E0083	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
73	20Q71E0084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	20Q71E0085	3	0	3	0	3	0	3	2	0	0	0	0	6	4	4	1	4	3	1	2	1
75	20Q71E0086	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
76	20Q71E0087	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2
77	20Q71E0088	5	0	5	3	5	0	5	3	4	0	4	3	14	5	5	1	4	3	2	2	2
78	20Q71E0090	4	0	4	3	4	0	4	3	4	0	4	3	12	5	5	1	4	3	2	2	2
79	20Q71E0091	5	0	5	3	4	0	4	3	0	0	0	0	9	5	5	1	4	3	2	2	1
80	20Q71E0094	4	0	4	3	4	0	4	3	3	0	3	2	11	5	5	1	4	3	2	2	2

Attainment Level Summary	CO4	CO5	CO6
Maximum Attainment Level	3	3	3
Cut-off Attainment Level(50%)	1.5	1.5	1.5
No.of Student >=Cut-off	61	61	33
% of students >=cut-off	76	76	41
Level Attained	2	2	1
Level of Attained			
% of students	<60	60-79	>=80
Level	1	2	3

Faculty

V. Sri Prasad
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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY




Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of MBA, Regulation:R19 , Subject:Innovation and Entrepreneurship Year & Sem: II-

Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA			
Calculation standards of attainment			
	1:Low(40%)	2:Medium(60%)	3: High(75%)
Descriptive(5M)	2	3	3.75
Assignment(5M)	2	3	3.75
PPT(5M)	2	3	3.75


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Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA

SL.NO	REGD.NO	Grade	GRADE WEIGHTAGE	60% of External Attainment	Att. Level
1	20Q71E0003	AB	0.00	0.00	0
2	20Q71E0004	C	6.00	3.60	2
3	20Q71E0005	C	6.00	3.60	2
4	20Q71E0006	AB	0.00	0.00	0
5	20Q71E0007	C	6.00	3.60	2
6	20Q71E0008	C	6.00	3.60	2
7	20Q71E0010	C	6.00	3.60	2
8	20Q71E0013	B	7.00	4.20	2
9	20Q71E0014	C	6.00	3.60	2
10	20Q71E0015	C	6.00	3.60	2
11	20Q71E0016	AB	0.00	0.00	0
12	20Q71E0017	C	6.00	3.60	2
13	20Q71E0019	C	6.00	3.60	2
14	20Q71E0021	C	6.00	3.60	2
15	20Q71E0022	C	6.00	3.60	2
16	20Q71E0024	C	6.00	3.60	2
17	20Q71E0026	C	6.00	3.60	2
18	20Q71E0028	C	6.00	3.60	2
19	20Q71E0030	B	7.00	4.20	2
20	20Q71E0035	AB	0.00	0.00	0
21	20Q71E0036	AB	0.00	0.00	0
22	20Q71E0040	C	6.00	3.60	2
23	20Q71E0044	C	6.00	3.60	2
24	20Q71E0045	B	7.00	4.20	2
25	20Q71E0046	F	0.00	0.00	0
26	20Q71E0050	C	6.00	3.60	2
27	20Q71E0054	C	6.00	3.60	2
28	20Q71E0055	B	7.00	4.20	2
29	20Q71E0056	AB	0.00	0.00	0
30	20Q71E0057	C	6.00	3.60	2
31	20Q71E0059	C	6.00	3.60	2
32	20Q71E0061	C	6.00	3.60	2
33	20Q71E0062	F	0.00	0.00	0
34	20Q71E0063	B	7.00	4.20	2
35	20Q71E0064	C	6.00	3.60	2
36	20Q71E0067	C	6.00	3.60	2
37	20Q71E0068	C	6.00	3.60	2
38	20Q71E0069	C	6.00	3.60	2

39	20Q71E0071	C	6.00	3.60	2
40	20Q71E0072	C	6.00	3.60	2
41	20Q71E0073	C	6.00	3.60	2
42	20Q71E0074	C	6.00	3.60	2
43	20Q71E0075	F	0.00	0.00	0
44	20Q71E0076	C	6.00	3.60	2
45	20Q71E0079	F	0.00	0.00	0
46	20Q71E0081	C	6.00	3.60	2
47	20Q71E0083	C	6.00	3.60	2
48	20Q71E0086	C	6.00	3.60	2
49	20Q71E0087	B	7.00	4.20	2
50	20Q71E0088	C	6.00	3.60	2
51	20Q71E0090	B	7.00	4.20	2
52	20Q71E0091	C	6.00	3.60	2
53	20Q71E0094	C	6.00	3.60	1

Attainment Level	CO1 to CO6		
Maximum Attainment Level	3		
Attainment Level(1-Passed)	2		
No.of Student \geq Cut-off	43		
% of students \geq cut-off	81		
Level Attained	3		
Level of Attained			
% of students	<50	50-79	\geq 80
Level	1	2	3

SSD

Faculty

D. Sai Prasanth
HOD

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Cherukupally(Village), Near Thagarapuvalasa Bridge, Vizianagaram (Dist)-531162

Dept of MBA, Regulations:R19 , Subject:Innovation and Entrepreneurship Year & Sem: II-II

Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA					
Particulars	Overall Attainment				
	CO1	CO2	CO3	CO4	CO5
Internal Attainment Level (INT)	2	1	1	2	2
External Attainment Level (EXT)	3	3	3	3	3
TOTAL = INT * 0.4 + EXT * 0.6	2.6	2.2	2.2	2.6	2.6


Faculty


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Faculty: Mr.S.Suman Datta, Assistant Professor, Dept. of MBA									
The Mapping of CO and PO on 3 point scale{high-3,Medium-2,Low-1} is:									
	CO Attainment Level	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO-1	2.6	3			1	2			
CO-2	2.2	3			2	1			
CO-3	2.2				2	3	1		
CO-4	2.6	1	3						2
CO-5	2.6	1		2				3	
PO/PSO Weightage		8	3	2	5	6	1	3	2
PO/PSO Co-relation weightage all Cos(1-6)		19.6	7.8	5.2	11.4	14	2.2	7.8	5.2
PO/PSO Attainment Level		2.45	2.60	2.60	2.28	2.33	2.20	2.60	2.60


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CGPA CALCULATION:

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 90	≥ 90	O	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	S	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B	Good	7
≥ 50 to < 60	≥ 50 to < 60	C	Fair	6
≥ 40 to < 50	≥ 40 to < 50	D	Satisfactory	5
< 40	< 40	F	Fail	0
			Absent	0




Principal

PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TECH.
Cherukupally (V), Chittivalasa (SAC),
Bhogapuram (M),
Vizianagaram (Dist.)-531162