



# CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),  
Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).



**2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.**

**Response:** CO – PO attainment computation is made for the subject Prefabricated Structures CE 3003 for the V Semester. The targets are quantized into three levels.

Level 3 (70% students scoring  $\geq 70\%$  marks)

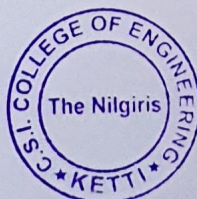
Level 2 (60% students scoring  $\geq 70\%$  marks)

Level 1 (50% students scoring  $\geq 70\%$  marks)

Attainment of COs is measured through direct and indirect methods. Minimum score for Internal and Anna University pass percentage is 50%, minimum score for assignment is 6 out of 10 and Course End Survey is 3 out of 5. Weightage provided for internal mark is 20% assignment 10% Anna University result 50% and Course End Survey 20 % to attain course outcome. Course outcome target is fixed as 2 based on the previous semester marks. Course outcome description is given as prescribed in the syllabus. Maximum marks given for the internal test is 100, assignment is 10, Anna University exam is 100 and Course End Survey is 5.

CO - PO attainment is mapped for 4 students. All the students have to take up 2 internal tests. All the internal test question papers are set based on the Bloom's Taxonomy and COs of the course. The subdivisions in the question paper are Part –A, Part –B and Part –C. Part –A contains 10 questions which carries 2 marks each. Part – B contains 5 questions which carries 13 marks with choice. Part –C carries one 15 marks question with choice. Internal Test – I covers Unit – I, Unit –II and first half of the Unit – III. Internal Test –II covers second half of Unit –III, Unit –IV & Unit V.

After completing each unit an assignment will be given to the students with maximum marks of 10. At the end of the semester Course End Survey is collected from the students. Anna University results, which are published in grade and converted to marks. The overall score for each CO is achieved as 3, which is greater than the fixed target. CO target is achieved for this course.



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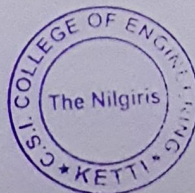
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CO – PO/PSO articulation matrix is done with POs and PSOs given in Anna University syllabus. CO1 is highly correlated with the PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9 and correlated moderately with PO10 & PO12 and low correlation with PO7 & PO11. CO2 is highly correlated with PO1, PO6 & PO8 and moderately correlated with PO3, PO10 and PO12 and low correlation with PO2, PO4, PO5, PO7, PO9 & PO11. CO3 is highly correlated with PO1, PO6 & PO8 and moderately correlated with PO9, PO10 & PO12 and low correlation with PO7 & PO11. CO4 is highly correlated with PO1, PO6 & PO8 and moderately correlated with PO2, PO3, PO4, PO10 & PO12 and low correlation with PO5, PO7, PO9 & PO11. CO5 is highly correlated with PO1, PO3, PO4, PO6 & PO8 and moderately correlated with PO2, PO10 & PO12 and low correlation with PO5, PO7, PO9 & PO11.

The entire COs are highly correlated with PSO1 and moderately correlated with PSO2 & PSO3. Thus PO attainment for PO1, PO3, PO6, PO8 & PSO1 is 3. For PO2, PO4, PO5, PO9, PO10, PO12, PSO2 and PSO3 is 2. PO attainment for PO7 and PO11 is 1. Similar method is followed to map CO–PO attainment for all the courses.



*R. Mary Shanmugam*

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**DEPARTMENT DOCUMENTS**

**DEPARTMENT OF CIVIL ENGINEERING**

**Indirect Assessment - Course End Survey Consolidated Report**

Batch		2021-2025			Total Strength		
Class / Section	III YEAR / V SEM CIVIL	Name of the Faculty			NAWAZ SHERIEF M	4	
S.No	Roll NO	NAME OF THE STUDENT	CO1	CO2	CO3	CO4	CO5
11	710621103001	THARIKASHNI P	3	3	3	4	4
12	710621103301	ANANDHA KRISHANA T	3	3	3	4	3
13	710621103302	ARSHAL REJI	5	5	5	5	5
14	710621103303	HARISH K	3	4	3	5	3



*R. Nay Shankar*

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Assignment							
		Assignment no.	1	2	3	4	5
		Marks allocated	10	10	10	10	10
		CO outcomes	1	2	3	4	5
		CO ATTAINMENT					
S.NO	REGISTER NUMBER	STUDENT NAME	CO1	CO2	CO3	CO4	CO5
1	710621103001	THARIKASHNI P	9	10	10	10	10
2	710621103301	ANANDHA KRISHANA T	10	10	10	9	10
3	710621103302	ARSHAL REJU	10	9	10	10	10
4	710621103303	HARISH K	10	10	9	10	10



*R. Vijay Sankar*  
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# CO ATTAINMENT

Department	CIVIL ENGINEERING
Batch	2021-2025
Course Code & Title	CE2903 - PREFABRICATED STRUCTURES
Semester/Year	V/III
Faculty Name	MAWAZ SHEERF M

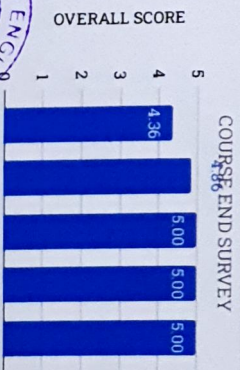
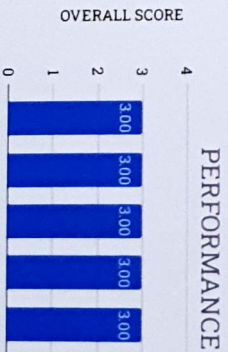
INT & AU PASS PERCENTAGE ASSIGNMENT	LEVEL 3	LEVEL 2	LEVEL 1
	70%	60%	50%
COURSE END SURVEY	MIN SCORE	50	6
		5	3

Internal	Weightage	ASS	AU	Survey
	20%	10%	50%	20%
CO TARGET 2				

Internal	Performance			AU	Survey			OVERALL SCORE
	ACTUAL SCORE	ASS SCORE	AU SCORE		ACTUAL SCORE	ASS SCORE	SURVEY SCORE	
CO1	100%	3	100%	3	100%	3	100%	3
CO2	100%	3	100%	3	100%	3	100%	3
CO3	100%	3	100%	3	100%	3	100%	3
CO4	100%	3	100%	3	100%	3	100%	3
CO5	100%	3	100%	3	100%	3	100%	3
OVERALL								3.00

CO DESCRIPTION	CO'S	Max Marks					Internal	ASS	AU	Sur
		Int. Test	Ass.	AU	Sur	Sur				
Understand concepts about principles of prefabrication, production, transportation, erection	CO1	100	10	100	5	4.36				
Acquire knowledge about panel systems, slabs, beams, shear walls and columns used in precast	CO2	100	10	100	5	4.86				
Acquire knowledge about design of cross section, joint flexibility	CO3	100	10	100	5	5.00				
Acquire knowledge about joints and connection in precast construction.	CO4	100	10	100	5	5.00				
Acquire knowledge about structural stability	CO5	100	10	100	5	5.00				

CO'S	COURSE END SURVEY RUBRICS DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	6	7	1	0	0	4.36
CO2	12	2	0	0	0	4.86
CO3	14	0	0	0	0	5.00
CO4	14	0	0	0	0	5.00
CO5	14	0	0	0	0	5.00



Principal  
 P. May Sankar  
 CSL COLLEGE OF ENGINEERING  
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Name	ID	CIA										Assignments					Survey					AU Result		
		CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	CO9	CO10	CO11	CO12	PSO1	PSO2	PSO3	CO1	CO2	CO3	CO4	CO5	Grade	Mark	
THARIKASHNI P	710621103001	94	100	91	82	67	67	9	10	10	10	10	10	10	10	10	3	3	3	4	4	4	A	75
ANANDHA KRISHANA T	710621103301	69	74	88	88	51	51	10	10	10	9	10	10	10	10	10	3	3	3	4	3	3	B	59
ARSHAL REJI	710621103302	90	91	94	59	67	67	10	9	10	10	10	10	10	10	5	5	5	5	5	5	5	B+	65
HARISH K	710621103303	94	100	97	62	67	67	10	10	9	10	10	10	10	10	3	4	3	5	5	3	3	B	59

## CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	1	3	3	2	1	2	3	2	2
CO2	3	1	2	1	1	3	1	3	1	2	1	2	3	2	2
CO3	3	3	3	3	3	3	1	3	2	2	1	2	3	2	2
CO4	3	2	2	2	1	3	1	3	1	2	1	2	3	2	2
CO5	3	2	3	3	1	3	1	3	1	2	1	2	3	2	2
PO	3	2	3	2	2	3	1	3	2	2	1	2	3	2	2



*R. May Shankar*

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**Course End Feedback Form**  
**CE3003- Prefabricated Structures**

Timestamp	Email Address	Name of the student	Register Number	Department	Year & Semester	Subject Code	Subject Name	Course Instructor	CO 1 : Understand concepts about principles of prefabrication, transportation, erection.	CO 2 : Acquire knowledge about: panel systems, slabs, beams, shear walls and columns used in precast construction.	CO 3 : Acquire knowledge about design of cross section, joint flexibility.	CO 4 : Acquire knowledge about joints and connection in precast construction.	CO 5 : Acquire knowledge about structural stability.
12/29/2023 10:31:29		Thankashini P	710621103301	Civil Engineering	III & V	CE3003	Prefabricated Structures	Mr. Nawaz Sherief M	Very good	Very Good	Excellent	Excellent	Excellent
12/29/2023 10:32:26		Ashni Raj	710621103302	Civil Engineering	III & V	CE3003	Prefabricated Structures	Mr. Nawaz Sherief M	Very good	Excellent	Excellent	Excellent	Excellent
12/29/2023 10:48:02		Anandha Krishna T	710621103301	Civil Engineering	III & V	CE3003	Prefabricated Structures	Mr. Nawaz Sherief M	Excellent	Excellent	Excellent	Excellent	Excellent
12/29/2023 11:06:52	harishkudu@gmail.com	HARISH K	710621103303	Civil Engineering	III & V	CE3003	Prefabricated Structures	Mr. Nawaz Sherief M	Excellent	Excellent	Excellent	Excellent	Excellent

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*R. May Shankar*

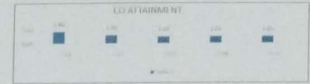
CSI COLLEGE OF ENGINEERING, THE NILGIRIS  
CO & PO Attainment Computation

CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2024-2024
Course Code & Title	GEESI Python Solving and Python Programming
Semester/Year	1/1
Faculty Name	SRILEKSHMI AKSHITH

COURSE END SURVEY	TARGET				Weightage		
	LEVEL 1	LEVEL 2	LEVEL 3	MIN SCORE	Int. final	Ass. AU	Survey
INT & AU PASS PERCENTAGE	70%	90%	90%	50%	25%	15%	40%
ASSIGNMENT				6			
CO TARGET	2						

CO	Performance				OVERALL SCORE				
	INTERNAL ACTUAL SCORE	ASS ACTUAL SCORE	AU ACTUAL SCORE	SURVEY ACTUAL SCORE					
CO1	71%	3	100%	3	15%	0	100%	3	1.89
CO2	73%	1	100%	1	15%	0	100%	1	1.30
CO3	95%	0	100%	1	15%	0	100%	1	1.05
CO4	95%	0	100%	1	15%	0	100%	1	1.05
CO5	43%	0	100%	1	15%	0	100%	1	1.05

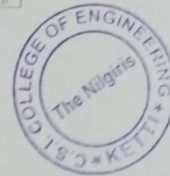


Course	CO DESCRIPTION	MEQs	CPs	Int. final	Ass.	AU	Sur
To understand the basics of algorithm problem solving	CO1	50	10	100	5		
To learn to solve problems using Python conditional and loop	CO2	60	10	100	5		
To define Python functions and use function calls to solve problems	CO3	50	10	100	5		
To use Python data structures - lists, tuples, dictionaries to represent complex data	CO4	50	10	100	5		
To do assignment with files in Python	CO5	50	10	100	5		

CO	CPs	4	3	2	1	OVERALL
CO1	5	4	3	2	1	4.80
CO2	4	1	0	0	0	4.00
CO3	4	1	0	0	0	4.00
CO4	3	0	0	0	0	3.00
CO5	0	0	0	0	0	0.00



Name	Roll No.	Level 1					Level 2					Assignments					Survey					All Scores		
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Grade	Mark	
Amit S	79962109001	23	17.5	10.5	16	27	20	10	10	10	10	11	14	17	13	11	10	11	10	11	10	11	B	43
Aditya Singh P	79962109002	27	21	13	12	18	22	10	10	10	10	14	16	18	10	10	10	10	10	10	10	10	B	45
Anand K	79962109003	23	20	5	6	11	13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Anushka R	79962109004	11	8	3	9	10	21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Anshu P	79962109005	25	26	9	14	23	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Aradhya	79962109006	12	8	3	6	14	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arpana Lakshmi P	79962109007	10	5	0	9	4	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi Bhargava R	79962109008	27	29	13.5	13	18	22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	B	45
Arundhati S	79962109009	40	36	7	14	17	18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	55
Arundhati S	79962109010	27	29	13.5	14	24	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi Arora C	79962109011	25	13	5	9	14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi Singh	79962109012	27	29	13.5	16	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109013	30	17	10	13	27	32	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	47
Arushi S	79962109014	7	0	2	0	0	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi J	79962109015	34	31	10	15	30	36	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	B	47
Arushi	79962109016	27	29	13.5	16	24	28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi M	79962109017	27	26	13.5	16	44	32	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	47
Arushi S	79962109018	27	29	16	16	24	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109019	27	29	13.5	16	24	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109020	25	23	9	12	25	19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	B	43
Arushi S	79962109021	18	11	3	8	8	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109022	22	8	3	0	11	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109023	25	12	5	14	20	22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	B	43
Arushi S	79962109024	18	11	3	8	8	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109025	18	9	7	14	23	22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109026	27	29	13.5	16	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109027	8	8	9	9	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109028	27	29	13.5	16	24	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109029	3	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109030	25	22	5	9	7	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109031	20	12	5	6	16	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	C	40
Arushi S	79962109032	24	20	10	17	21	40	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109033	27	32	10	17	23	42	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109034	35	20	5	9	23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	49
Arushi S	79962109035	46	44	20	17	24	39	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	55
Arushi S	79962109036	37	34	20	17	31	39	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	A	55



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Course	SEM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Electronics & Communication Engineering	1	22	29	11	16	25	16	16	16	16	16	16	16	16	16	16	16
Electronics & Communication Engineering	2	27	32	11	16	24	20	16	16	16	16	16	16	16	16	16	16
Electronics & Communication Engineering	3	27	32	11	16	24	20	16	16	16	16	16	16	16	16	16	16
Electronics & Communication Engineering	4	35	12	6	6	10	11	16	16	16	16	16	16	16	16	16	16

### CO-PO/PSO ARTICULATION MATRIX

CUS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	2	1	1	1	0	0	0	2	1	1	2	1
CO2	2	1	1	2	0	0	1	1	1	0	2	1	1	2	1
CO3	3	2	1	2	0	0	0	2	1	1	2	1	1	2	2
CO4	2	2	1	0	0	1	2	1	1	1	1	2	0	0	1
CUS	1	1	1	2	1	1	2	1	1	0	1	1	1	1	1
PO ATTAINMENT	0.95	0.8167	0.85	0.87	0.8	0.4	0.81	0.92	0.85	0.95	0.68	1.0375	0.8083	0.7792	0.4887



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 KETTI-643 216.

CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2023 - 2024
Course Code & Title	CS3492- Theory of Computation
Semester/Year	II/II
Faculty Name	Prof. A. BANUPRIYA

	TARGET			
	LEVEL 3	LEVEL 2	LEVEL 1	MIN SCORE
INT & AU PASS PERCENTAGE				50%
ASSIGNMENT	70%	60%	50%	6
COURSE END SURVEY				3

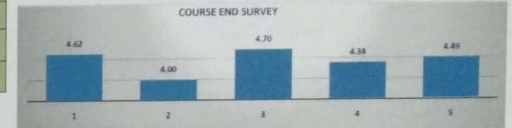
Weightage			
Internal	ASS	AU	Survey
20%	10%	50%	20%

CO TARGET 1.5

CO	Performance								OVERALL SCORE
	Internal		ASS		AU		Survey		
	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	
CO1	65%	2	95%	3	62%	2	100%	3	2.30
CO2	41%	0	92%	3	62%	2	100%	3	1.90
CO3	84%	3	95%	3	62%	2	100%	3	2.50
CO4	92%	3	95%	3	62%	2	100%	3	2.50
CO5	46%	0	97%	3	62%	2	97%	3	1.90

Course	CO DESCRIPTION	CODE	CO'S	Int. Test	Ass.	AU	Sur
	To understand foundations of computation including automata theory	CO1	20	40	100	5	
	To construct models of regular expressions and languages	CO2	20	40	100	5	
	To design context free grammar and push down automata	CO3	20	40	100	5	
	To understand Turing machines and their capability	CO4	20	40	100	5	
	To understand Undecidability and NP class problems	CO5	20	40	100	5	

COURSE END SURVEY RUBRICS DASHBOARD							
CO'S	5	4	3	2	1	OVERALL	
CO1	23	14	0	0	0	4.62	
CO2	0	37	0	0	0	4.00	
CO3	28	7	2	0	0	4.70	
CO4	14	23	0	0	0	4.38	
CO5	20	16	0	1	0	4.49	



Name	Roll No.	Test 1					Test 2					Assignments					Survey					Mid Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
Angelica	710621205001	100	81	84	86	100	9	8	10	9	9	5	4	4	5	5	4	4	5	5	5	B+	85
Aravind Kumar	710621205002	100	69	72	86	75	10	10	10	9	10	4	4	5	4	5	4	5	4	5	5	B+	85
Artham	710621205003	100	25	56	61	22	8	8	8	8	8	5	4	5	5	4	5	4	5	5	B+	85	
Ashwin Fernandes F	710621205004	100	50	69	43	25	8	9	8	9	10	4	4	5	4	5	4	5	4	4	5	C	50
Danadkrishnanan	710621205005	70	13	50	43	25	8	9	8	10	9	5	4	4	5	5	4	5	5	5	B+	85	
Deenadhayal K A	710621205006	100	25	56	79	25	9	8	10	9	5	4	4	5	4	5	4	5	4	5	B+	85	
Dinesh Kumar	710621205008	100	25	56	50	28	8	5	5	5	10	4	4	5	4	5	4	5	4	5	B+	85	
Gayathri F	710621205009	100	13	50	50	44	9	9	8	10	9	5	4	5	5	4	5	5	4	5	B+	85	
Gokul F	710621205010	100	69	78	50	63	8	9	8	9	10	4	4	5	4	5	4	5	4	5	B+	85	
Harijprarth	710621205011	100	13	50	64	88	9	10	10	10	10	5	4	5	4	5	4	4	4	4	B+	85	
Hemalatha	710621205012	100	22	56	71	22	9	8	10	9	9	5	4	4	5	2	2	2	2	2	C	50	
Janani	710621205013	86	100	94	50	88	10	10	10	9	10	4	4	5	4	5	4	5	4	5	B+	85	
Jericksanthan A	710621205014	100	13	50	50	81	9	9	8	10	9	5	4	5	5	4	5	4	5	4	U	40	
Jeykrishnan M	710621205015	100	100	94	86	69	8	9	8	9	10	4	4	5	4	5	4	4	4	4	U	40	
Kahselvam r	710621205016	100	25	50	50	28	9	10	10	10	10	5	4	5	4	5	4	4	4	4	U	40	
Kartheeswari	710621205017	70	88	81	50	25	9	8	10	9	9	5	4	4	5	5	4	5	5	5	U	0	
Karva S	710621205018	70	25	50	50	25	10	10	10	10	9	10	4	4	5	4	5	4	5	5	B+	85	
Kumaran	710621205019	70	81	78	50	25	9	9	8	10	9	5	4	5	5	4	5	4	5	4	B+	85	
Miriam Celciva	710621205020	100	25	50	86	88	8	9	8	9	10	4	4	5	4	5	4	5	4	5	B+	85	
Priam V	710621205021	82	11	18	50	25	9	10	10	10	10	5	4	5	4	4	4	4	4	4	U	40	
Rahul David S	710621205022	100	100	88	86	88	9	8	10	9	9	5	4	4	5	5	4	5	5	5	U	40	
Ranjith	710621205023	100	94	84	50	88	10	10	10	9	10	4	4	5	4	5	4	5	4	5	B+	85	
Rinidhya R	710621205024	100	44	59	50	44	9	9	8	10	9	5	4	5	5	4	5	4	4	4	B+	85	
Rithika B	710621205025	86	11	44	50	56	8	9	8	9	10	4	4	5	4	5	4	5	4	5	B+	85	
Sargeetha K	710621205026	100	44	59	50	25	10	0	5	5	5	5	4	5	4	5	4	4	4	4	U	40	
Saran	710621205027	86	88	75	86	88	9	8	10	9	9	5	4	4	5	4	5	4	5	4	U	40	
Sathish Kumar N	710621205028	86	13	44	50	25	10	10	10	9	10	4	4	5	4	5	4	5	4	5	U	40	
Shabbirhan I	710621205029	100	25	56	50	88	9	9	8	10	9	5	4	5	4	5	4	5	4	4	U	40	
Shafiq	710621205030	43	88	88	99	81	8	9	8	9	10	4	4	5	4	5	4	5	4	5	A	75	



R. Mayy Shanmugam

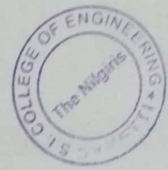
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Aditya K	710621204032	86	100	84	86	88	9	10	10	10	10	5	4	5	4	4	60	B
Surya N	710621204033	86	94	91	87	94	9	8	10	9	9	5	4	4	5	5	5	60
Sat	710621204034	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Vijay Y	710621204037	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Yashik Manikan	710621204038	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Apur M	710621204039	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Aishwari Kannan	710621204040	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Yashwanth	710621204041	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60
Yashwanth	710621204042	86	94	97	87	94	10	10	10	10	10	5	4	4	4	5	5	60

### CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	2	1	-	-	-	-	1	1	2	3	-	-	-
CO2	2	2	3	2	1	-	-	-	1	1	2	3	-	-	-
CO3	2	2	3	2	1	-	-	-	1	1	1	2	-	-	-
CO4	2	2	2	1	-	-	-	-	1	1	1	2	-	-	-
CO5	2	2	2	1	1	-	-	-	1	1	1	2	-	-	-
PO ATTAINMENT	2	2	2	2	1	-	-	-	1	2	2	2	-	-	-



*R. Neel Shantha*  
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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

# CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2022 - 2026
Course Code & Title	CS3251 - Programming in C
Semester Year	II/I
Faculty Name	Prof. K. ANITHA

	TARGET			
	LEVEL 3	LEVEL 2	LEVEL 1	MIN SCORE
INT & AU PASS PERCENTAGE				50%
ASSIGNMENT	70%	60%	50%	6
COURSE END SURVEY				3

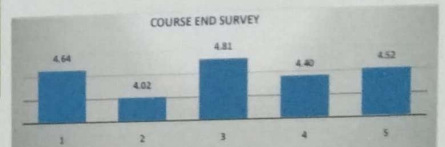
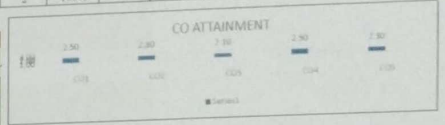
Weightage			
Internal	ASS	AU	Survey
20%	10%	50%	20%

CO TARGET **2**

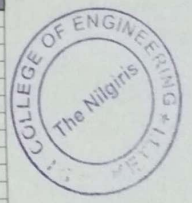
Course	CO DESCRIPTION	CODE	Max Marks			
			Int. Test	Ass.	AU	Sur
	Demonstrate knowledge on C Programming constructs	CO1	40	10	100	5
	Design and implement applications using arrays and strings	CO2	40	10	100	5
	Develop and implement modular applications in C using functions	CO3	40	10	100	5
	Develop applications in C using structures and pointers	CO4	40	10	100	5
	Design applications using sequential and random access file processing	CO5	40	10	100	5

COURSE END SURVEY RUBRICS DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	27	15	0	0	0	4.64
CO2	2	39	1	0	0	4.02
CO3	35	6	1	0	0	4.81
CO4	17	25	0	0	0	4.40
CO5	22	20	0	0	0	4.52

	Performance						OVERALL SCORE		
	Internal	ASS	AU	Survey	Internal	ASS			
CO1	88%	3	98%	3	62%	2	100%	3	2.50
CO2	60%	2	100%	3	62%	2	100%	3	2.30
CO3	50%	1	98%	3	62%	2	100%	3	2.10
CO4	76%	3	100%	3	62%	2	100%	3	2.50
CO5	60%	2	100%	3	62%	2	100%	3	2.30



Name	Roll No.	Test 1		Test 2		Assignments						Survey					Sp. Result	
		CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark	
Abdul Rahmaan	710622205001	55	15	18	18	23	9	8	10	9	9	5	4	4	5	5	U	49
Akash D	710622205002	63	35	35	55	48	10	10	10	10	10	4	4	5	4	5	C	50
Akash S	710622205003	75	33	8	20	13	9	9	8	10	9	5	4	5	5	4	U	49
Alex Man George	710622205004	55	40	23	35	40	8	9	8	9	10	4	4	5	4	5	U	49
Anish S	710622205006	98	90	43	80	95	9	10	10	10	10	5	4	5	4	5	B+	65
Anushivam S	710622205007	50	35	35	55	38	9	8	10	9	9	5	4	4	5	5	U	49
Anish S	710622205008	75	30	40	75	93	10	10	10	10	10	4	4	5	4	5	B+	65
Ashika M	710622205009	73	40	30	65	60	9	9	8	10	9	5	4	5	5	4	U	49
Badisha A	710622205010	85	43	45	95	65	8	9	8	9	10	4	4	5	4	5	B	55
Crispin Princy J	710622205011	55	35	28	53	30	9	10	10	10	10	5	4	5	4	4	U	49
Daisy N	710622205012	85	50	40	73	95	9	8	10	9	9	5	4	4	5	5	A	75
Devadharshini M	710622205013	98	95	55	95	98	10	10	10	10	10	4	4	5	4	5	O	95
Dharshini E	710622205014	55	38	18	28	60	9	9	8	10	9	5	4	5	5	4	C	50
Govind Roshan J	710622205015	80	80	40	65	65	8	9	8	9	10	4	4	5	4	5	U	49
Haran G	710622205016	83	40	43	80	68	9	10	10	10	10	5	4	5	4	4	B+	65
Haran Pushpam	710622205017	88	65	43	73	78	5	8	10	9	9	5	4	4	5	5	B	55
Jashin S	710622205018	85	48	48	75	78	10	10	10	10	10	4	4	5	4	5	U	49
Jayalakshmi G	710622205019	30	8	43	55	48	9	9	8	10	9	5	4	5	5	4	U	49
John Kevin E	710622205020	5	0	33	50	48	8	9	5	9	10	5	5	5	5	5	U	49
Kablan M	710622205021	35	23	35	50	38	9	10	10	10	10	5	4	5	4	4	C	50
Kiran R	710622205022	70	70	40	70	83	9	8	10	9	9	5	4	4	5	5	B+	65
Kristinal R	710622205023	70	45	30	53	45	10	10	10	10	10	4	4	5	4	5	U	49
Methrick Jose Raja E	710622205023	70	45	30	53	45	10	10	10	10	10	4	4	5	4	5	U	49



*R. May Shanthi*  
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Mohammed Nabool B	710622205024	100	78	43	80	73	9	9	8	10	9	5	4	5	5	4	B+	65
Munshi M	710622205025	70	45	30	65	60	8	9	8	9	10	4	4	5	4	5	B	58
Murshid Kumar I	710622205026	75	80	33	63	60	9	10	10	10	10	5	4	5	4	4	B	59
Najamun I	710622205027	75	33	43	73	75	9	8	10	9	9	5	4	4	5	5	B	59
Namita Sufi R	710622205028	70	35	43	73	78	10	10	10	9	10	4	4	5	4	5	B	59
Naraini Komol A	710622205029	53	45	38	70	75	9	9	8	10	9	5	4	5	5	4	B+	66
Rajagovardhanakanna I	710622205030	35	18	23	33	28	8	9	8	9	10	4	4	5	4	5	U	49
Rajeshwari R	710622205031	55	73	25	38	55	9	10	10	10	10	5	4	5	4	4	U	49
Ratna M	710622205032	90	73	45	63	50	9	8	10	9	9	5	5	5	5	5	B	59
Sabari Laxesh S	710622205033	23	13	20	25	10	10	10	10	9	10	4	4	5	4	5	U	49
Sajna I	710622205034	80	83	43	65	53	9	9	8	10	9	5	4	5	5	4	B	59
Sania Maria I	710622205036	95	95	53	90	100	8	9	8	9	10	4	3	3	4	4	O	39
Santosh P	710622205037	73	43	45	65	50	9	10	10	10	10	5	4	5	4	4	B	59
Sarithodi S	710622205038	55	35	18	35	43	9	10	10	10	10	5	4	5	4	4	C	59
Saravanan R	710622205039	65	35	8	10	8	9	10	10	10	10	5	4	5	5	4	U	49
Satya G	710622205040	83	45	23	20	23	9	8	10	9	9	4	4	5	4	5	U	49
Surya	710622205041	63	45	53	78	58	10	10	10	9	10	5	4	5	4	4	B+	65
Vetived J	710622205042	80	40	38	55	40	9	9	8	10	9	5	4	5	5	4	C	59
Vinojasham P	710622205043	70	55	38	68	63	8	9	8	9	10	4	4	5	4	5	B+	65
Vishal V	710622205044	63	43	3	0	0	9	9	8	10	9	5	4	5	4	4	C	59

## CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	2	2	1	2	1	1	1	2	0	3	2	1	2	0
CO2	2	2	2	1	2	1	1	1	2	0	3	3	2	2	0
CO3	2	3	2	1	2	1	1	1	2	0	3	2	2	2	0
CO4	3	2	2	1	3	1	1	1	2	0	3	3	2	2	0
CO5	2	3	3	1	2	1	2	1	2	0	3	2	2	3	0
PO ATTAINMENT	2	24	22	1	22	1	12	1	2	0	3	24	18	22	0



*R. Neey Shantra*  
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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2022 - 2026
Course Code & Title	CS3391 - Object Oriented Programming
Semester/Year	III/II
Faculty Name	Prof. K.ANITHA

	TARGET			
	LEVEL 3	LEVEL 2	LEVEL 1	MIN SCORE
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				3

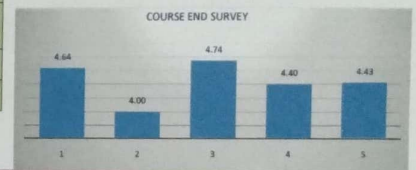
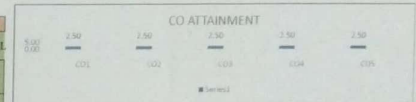
Weightage			
Internal	ASS	AU	Survey
20%	10%	50%	20%

CO TARGET 2

	Performance							OVERALL SCORE	
	Internal	ASS	AU	Survey	Internal	ASS	AU		
CO1	100%	3	98%	3	64%	2	100%	3	2.50
CO2	87%	3	100%	3	64%	2	98%	3	2.50
CO3	96%	3	96%	3	64%	2	98%	3	2.50
CO4	100%	3	100%	3	64%	2	100%	3	2.50
CO5	96%	3	100%	3	64%	2	96%	3	2.50

Course	CODE	Max Marks			
CO DESCRIPTION	CO'S	Int. Test	Ass.	AU	Sur
Apply the concepts of classes and objects to solve simple problems	CO1	40	10	100	5
Develop programs using inheritance, packages and interfaces	CO2	40	10	100	5
Make use of exception handling mechanisms and multithreaded model to solve real world problems	CO3	40	10	100	5
Build Java applications with I/O packages, string classes, Collections and generics concepts	CO4	40	10	100	5
Integrate the concepts of event handling and JavaFX components and controls for	CO5	40	10	100	5

COURSE END SURVEY RUBRICS DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	30	17	0	0	0	4.64
CO2	3	42	1	1	0	4.00
CO3	38	7	1	1	0	4.74
CO4	19	28	0	0	0	4.40
CO5	24	21	0	2	0	4.43



TARGET ID 20

Name	Roll No.	Test 1				Test 2				Assignments						Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade
Abdul Rahman	710622205001	91	42	49	59	65	9	8	10	9	9	5	4	4	5	5	5	5	5	5	U	46
Akash D	710622205002	68	42	63	79	78	10	10	10	9	10	4	4	5	4	5	4	5	4	5	U	40
Akash S	710622205003	71	73	71	68	67	9	9	8	10	9	5	4	5	5	4	4	5	4	4	U	40
Alex Mann George	710622205004	94	81	69	53	61	8	9	8	9	10	4	4	5	4	4	5	4	5	4	U	40
Ashwath S	710622205006	97	96	86	91	92	9	10	10	10	10	5	5	4	4	4	4	4	4	4	B+	65
Ashish S	710622205007	68	71	74	85	78	9	8	10	9	9	5	4	4	5	5	5	5	5	5	U	40
Ashika M	710622205008	91	98	94	97	100	10	10	10	9	10	4	4	5	4	5	4	5	4	5	A	75
Balusha A	710622205009	79	90	86	97	100	9	9	8	10	9	5	4	5	5	4	4	5	4	4	U	40
C. ropan Princy J	710622205010	68	79	86	97	100	8	9	8	9	10	4	4	5	4	5	4	5	4	5	U	40
Daisy N	710622205011	56	46	71	97	100	9	10	10	10	10	5	4	5	4	4	2	4	2	4	U	40
Devadharshini M	710622205012	100	92	94	97	100	9	8	10	9	9	5	4	4	5	5	5	5	5	5	A+	85
Dharsini E	710622205013	100	100	97	100	100	10	10	10	9	10	4	4	5	4	5	4	5	4	5	A	75
Godwin Roshan J	710622205014	76	75	83	79	82	9	9	8	10	9	5	2	5	5	4	5	4	4	4	B+	65
Harini G	710622205015	79	77	86	82	100	8	9	8	9	10	4	4	5	4	5	4	5	4	5	A	75
Harini Pushpan	710622205016	100	96	83	97	100	9	10	10	10	10	5	4	5	4	4	4	4	4	4	A	75
Jasini S	710622205017	68	69	66	82	92	9	8	10	9	9	5	4	4	5	5	5	5	5	5	B+	65
Jayalakshmi G	710622205018	100	90	91	97	100	10	10	10	9	10	4	4	5	4	5	4	5	4	5	A	75
John Kevin E	710622205019	50	50	57	53	73	9	9	8	10	9	5	4	5	5	4	5	5	4	4	U	40
Kabilan M	710622205020	65	52	60	56	47	8	9	8	9	10	5	5	5	5	5	5	5	5	5	C	50



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71062220021	74	79	80	50	69	9	10	10	10	10	5	4	5	4	4	B	80
71062220022	79	88	91	97	94	9	8	10	9	9	5	4	4	5	5	A	75
71062220023	53	46	57	79	78	10	10	10	9	10	4	4	5	4	5	B+	80
71062220024	79	81	86	94	96	9	9	8	10	9	5	4	5	5	4	B+	80
71062220025	94	73	80	97	100	8	9	8	9	10	4	4	5	4	5	B+	80
71062220026	97	81	74	79	71	9	10	10	10	10	5	4	5	4	4	B+	80
71062220027	100	96	89	97	100	9	8	10	9	9	5	4	4	5	5	B+	80
71062220028	94	79	94	85	96	10	10	10	9	10	4	4	2	4	5	B+	80
71062220029	100	98	94	97	100	9	9	8	10	9	5	4	5	5	4	A+	80
71062220030	74	67	74	79	82	8	9	8	9	10	4	4	5	4	5	B+	80
71062220031	62	65	83	68	80	9	10	10	10	10	5	4	5	4	4	B+	80
71062220032	82	79	86	97	88	9	8	10	9	9	5	5	5	5	5	B+	80
71062220033	62	65	69	56	76	10	10	10	9	10	4	4	5	4	5	U	80
71062220034	85	81	94	97	100	9	9	8	10	9	5	4	5	5	4	B+	80
71062220036	100	98	97	100	100	8	9	5	9	10	4	3	3	5	4	B+	80
71062220037	91	98	94	97	100	9	10	10	10	10	5	4	5	4	4	B+	80
71062220038	62	71	66	85	71	9	10	10	10	10	5	4	5	4	4	B+	80
71062220039	53	48	49	56	47	9	10	10	10	10	5	4	5	5	4	C	80
71062220040	62	63	71	56	76	9	8	10	9	9	4	4	5	4	5	U	80
71062220041	74	79	80	68	80	10	10	10	9	10	5	4	5	4	4	U	80
71062220042	62	63	86	68	80	9	9	8	10	9	5	4	5	5	4	U	80
71062220043	88	75	83	97	100	8	9	8	9	10	4	4	5	4	5	B+	80
710622200401	82	81	60	50	51	9	9	8	10	9	5	4	5	4	2	B	80
710622200502	62	63	71	50	76	9	10	10	10	10	4	4	5	4	5	U	80
710622200503	56	58	74	91	63	9	8	10	9	9	5	4	5	5	4	U	80
710622200504	53	48	54	91	63	5	10	5	9	10	4	4	5	4	5	U	80
710622200505	71	63	63	50	76	9	9	8	10	9	5	4	5	4	4	U	80
710622200506	79	71	86	88	90	8	6	8	9	10	5	4	5	4	4	B+	80

## CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	3	1	1	-	-	-	3	2	2	2	3	1	2
CO2	2	1	3	2	1	-	-	-	2	1	1	3	3	3	2
CO3	3	3	1	2	2	-	-	-	3	2	1	2	3	1	1
CO4	3	1	2	2	3	-	-	-	1	2	1	3	3	1	1
CO5	1	1	2	3	2	-	-	-	3	2	1	2	3	3	3
PO ATTAINMENT	2	14	22	2	22	-	-	-	24	18	12	24	3	18	22



*R. Mery Shanthi*  
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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2021 - 2025
Course Code & Title	CCS335 CLOUD COMPUTING
Semester/Year	III/V
Faculty Name	Prof. A.S.RAMAKRISHNAN

	TARGET			
	LEVEL 3	LEVEL 2	LEVEL 1	MIN SCORE
INT & AU PASS PERCENTAGE				50%
ASSIGNMENT	70%	60%	50%	6
COURSE END SURVEY				3

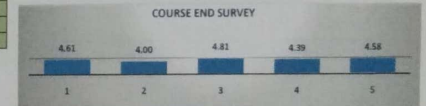
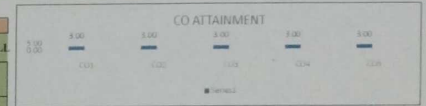
Weightage				
Internal	ASS	AU	Survey	
20%	10%	50%	20%	

CO TARGET 2

Course	CO DESCRIPTION	CODE	Max Marks			
			Int. Test	Ass.	AU	Sur
	To understand the principles of Cloud Architecture	CO1	60	40	100	5
	To understand concept of virtualization and virtual machines	CO2	60	40	100	5
	To gain knowledge of virtualization infrastructure	CO3	60	40	100	5
	To explore cloud deployment models	CO4	60	40	100	5
	To learn security issues in cloud environment	CO5	60	40	100	5

COURSE END SURVEY RUBRICS DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	22	14	0	0	0	4.61
CO2	0	36	0	0	0	4.00
CO3	29	7	0	0	0	4.81
CO4	14	22	0	0	0	4.39
CO5	21	15	0	0	0	4.58

	Performance								OVERALL SCORE
	Internal		ASS		AU		Survey		
	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	
CO1	100%	3	100%	3	86%	3	100%	3	3.00
CO2	97%	3	100%	3	80%	3	100%	3	3.00
CO3	100%	3	100%	3	80%	3	100%	3	3.00
CO4	97%	3	100%	3	80%	3	100%	3	3.00
CO5	97%	3	100%	3	80%	3	100%	3	3.00



Name	Roll No.	Test 1					Test 2					Assignments					Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
Angelica	710621205001	96	73	90	100	100	9	8	10	9	9	5	4	4	5	5	5	4	4	5	5	A	75
Aravind Kumar	710621205002	78	64	80	87	87	10	10	10	9	10	4	4	5	4	5	4	5	4	5	4	A	75
Anirban	710621205003	33	24	53	27	38	9	9	8	10	9	5	4	5	5	4	4	5	4	5	4	C	49
Ashwin Fernandes F	710621205004	73	53	73	82	75	8	9	8	9	10	4	4	5	4	5	4	5	4	5	4	B+	65
Danadkrishnanan	710621205005	87	55	55	42	65	9	10	10	10	10	5	4	5	4	4	4	4	4	4	4	B+	65
Deenadhaval K A	710621205006	73	78	85	78	78	9	8	10	9	9	5	4	4	5	5	5	4	5	5	4	B+	65
Dinesh Kumar	710621205008	73	51	63	69	75	10	10	10	9	10	4	4	5	4	5	4	5	4	5	4	B+	65
Gayathri T	710621205009	96	73	90	85	73	9	9	8	10	9	5	4	5	5	4	4	5	4	5	4	B+	65
Gokul J	710621205010	67	53	63	33	47	8	9	8	9	10	4	4	5	4	4	5	4	5	4	5	B	59
Hanprasath	710621205011	75	73	67	60	78	9	10	10	10	10	5	4	5	4	4	4	4	4	4	4	B	59
Janani	710621205013	96	73	83	78	78	9	8	10	9	9	5	4	4	4	5	5	4	4	5	5	B+	65
Jeykrishnan A	710621205014	87	69	87	60	85	10	10	10	9	10	4	4	5	4	4	5	4	5	4	5	B+	65
Jeykrishnan M	710621205015	96	51	63	62	42	9	9	8	10	9	5	4	5	5	4	4	4	5	4	4	B+	65
Kalselvan r	710621205016	69	69	63	38	51	8	9	8	9	10	4	4	5	4	4	5	4	5	4	5	B	59
Kavya S	710621205018	47	73	80	78	64	9	10	10	10	10	5	4	5	4	4	4	4	4	4	4	B+	65
Kumaran	710621205019	51	64	77	31	38	9	8	10	9	9	5	4	4	4	5	5	4	5	4	5	C	49
Miranu Celciya	710621205020	96	84	75	78	75	10	10	10	9	10	4	4	5	4	4	5	4	5	4	5	A	75
Prem V	710621205021	65	64	63	33	51	9	9	8	10	9	5	4	5	5	4	4	4	4	4	4	B+	65
Rahul Dravid S	710621205022	96	82	75	42	65	8	9	8	9	10	4	4	4	5	4	4	5	4	5	4	B+	65
Ranjitha	710621205023	96	60	90	89	93	9	10	10	10	10	5	4	5	4	4	4	4	4	4	4	A	75
Rindhiya R	710621205024	71	73	75	51	75	9	8	10	9	9	5	4	4	4	4	4	4	4	4	5	B+	65
Rithika B	710621205025	75	73	88	96	42	10	10	10	9	10	4	4	5	4	4	5	4	5	4	5	B+	65



*P. Neey Shantra*

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Sangeetha K	710621205026	96	69	90	89	93	9	9	8	10	9	5	4	5	5	4	A	75
Saran	710621205027	55	65	63	85	58	8	9	8	9	10	4	4	5	4	5	B+	65
Saffish Kumar N	710621205028	51	64	63	60	29	9	10	10	10	10	5	4	5	4	4	U	46
Shabbir Khan I	710621205029	80	73	63	60	78	9	8	10	9	9	5	4	4	5	5	B+	65
Shalin	710621205030	100	80	88	96	42	10	10	10	9	10	4	4	5	4	5	A	75
Sneha K	710621205032	100	98	88	98	89	9	9	8	10	9	5	4	5	5	4	A	75
Soniya N	710621205033	100	98	88	98	89	9	9	8	10	9	5	4	5	5	4	A	75
Suji	710621205034	100	98	88	96	96	8	9	8	9	10	4	4	5	4	5	A	75
Viswa V	710621205037	100	85	83	100	89	9	10	10	10	10	5	4	5	4	5	A	75
Yashick Manickam	710621205038	78	45	63	33	47	9	8	10	9	9	5	4	4	4	4	A	75
Arav M	710621205302	56	55	43	60	78	10	10	10	10	9	4	4	5	4	5	B+	65
Ambadi Kaman	710621205301	96	75	80	85	75	8	9	8	10	9	5	4	5	5	4	B	50
Sanjivranjan	710621205303	55	49	60	33	47	9	10	10	10	10	4	4	5	4	5	B+	65
Harsh Kumar	710621205701	71	73	80	42	47	9	10	10	10	10	5	4	5	4	4	C	49
							9	10	10	10	10	5	4	5	4	4	B+	65

## CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	1	1	1				2	3	1	3	2	1	3
CO2	3	1	2	2	1				1	2	1	3	2	2	1
CO3	2	3	2	3	1				3	1	1	3	1	1	1
CO4	1	2	3	3	3				3	3	1	2	1	3	3
CO5	2	3	3	1	3				2	2	1	2	2	2	3
PO ATTAINMENT	2.2	2.2	2.2	2	1.8	--	--	--	2.2	2.2	1	2.6	1.6	1.8	2.2



*R. Mary Shantra*  
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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	INFORMATION TECHNOLOGY
Batch	2023 - 2024
Course Code & Title	CS3591 - Computer Networks
Semester/Year	III/IV
Faculty Name	Prof. A. BANUPRIYA

	TARGET			
	LEVEL 3	LEVEL 2	LEVEL 1	MIN SCORE
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				3

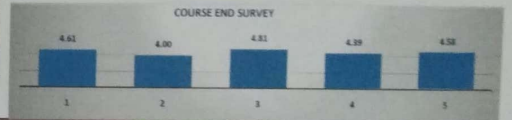
Weightage			
Internal	ASS	AU	Survey
20%	10%	50%	20%

CO TARGET 2

CO'S	Performance								OVERALL SCORE
	Internal		ASS		AU		Survey		
	ACTUAL SCORE	100%	ACTUAL SCORE	100%	ACTUAL SCORE	100%	ACTUAL SCORE	100%	
CO1	89%	3	100%	3	92%	3	100%	3	3.00
CO2	75%	3	100%	3	92%	3	100%	3	3.00
CO3	80%	3	100%	3	92%	3	100%	3	3.00
CO4	92%	3	97%	3	92%	3	100%	3	3.00
CO5	36%	0	97%	3	92%	3	100%	3	2.40

Course	CODE	Max Marks			
CO DESCRIPTION	CO'S	Int. Test	Ass.	AU	Sur
To understand the concept of layering in networks	CO1	20	40	100	5
To know the functions of protocols of each layer of TCP/IP protocol suite	CO2	20	40	100	5
To visualize the end-to-end flow of information	CO3	20	40	100	5
To learn the functions of network layer and the various routing protocols	CO4	20	40	100	5
To familiarize the functions and protocols of the Transport layer	CO5	20	40	100	5

COURSE END SURVEY RUBRIC'S DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	22	14	0	0	0	4.61
CO2	0	36	0	0	0	4.00
CO3	29	7	0	0	0	4.57
CO4	14	22	0	0	0	4.39
CO5	21	15	0	0	0	4.58



Name	Roll No.	Test 1		Test 2		Assignments					Survey				AU Result			
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
Angelica	710621205001	78	73	78	85	85	9	8	10	9	9	5	4	4	5	5	B+	85
Aaravind Kumar	710621205002	88	60	75	70	65	10	10	10	9	10	4	4	5	4	5	B+	85
Aarhan	710621205003	58	75	58	60	40	9	9	8	10	9	5	4	5	5	4	C	90
Ashwin Fernandez F	710621205004	73	40	3	10	10	8	9	8	9	0	4	4	5	4	5	U	40
Danaakrishnanan	710621205005	70	65	75	80	75	9	10	10	10	10	5	4	5	4	4	B	98
Deendrayal K.A	710621205006	70	50	70	68	68	9	8	10	9	9	5	4	4	5	5	B+	85
Dinesh Kumar	710621205008	70	55	70	70	45	10	10	10	9	10	4	4	5	4	5	B	95
Gavathi T	710621205009	83	60	68	70	70	9	9	8	10	9	5	4	5	5	4	B+	85
Gokul J	710621205010	58	75	58	60	40	8	9	8	9	10	4	4	5	4	5	B	95
Hariprasath	710621205011	88	60	83	85	70	9	10	10	10	10	5	4	5	4	4	B+	85
Jamanu	710621205013	88	70	73	63	75	9	8	10	9	9	5	4	4	5	5	B+	85
Jeeeksnathan A	710621205014	70	50	70	80	70	10	10	10	9	10	4	4	5	4	5	B	95
Jeykrishnan M	710621205015	60	45	55	60	40	9	9	8	10	9	5	4	5	5	4	B	95
Kaivelvam r	710621205016	88	60	58	60	40	8	9	8	9	10	4	4	5	4	5	B	95
Kavya S	710621205018	58	75	58	60	40	10	10	10	10	10	5	4	5	4	4	C	90
Kumaran	710621205019	58	75	58	60	40	9	8	10	9	9	5	4	4	5	5	C	90
Miriam Celcya	710621205020	88	60	60	70	70	10	10	10	9	10	4	4	5	4	5	B+	85
Prem V	710621205021	70	50	60	60	40	9	9	8	10	9	5	4	5	5	4	C	90
Rahul Diavid S	710621205022	70	63	70	70	70	8	9	8	9	10	4	4	5	4	5	B	95
Ranjitha	710621205023	88	70	58	60	40	9	10	10	10	10	5	4	5	4	4	B+	85
Rindhiva R	710621205024	70	45	60	60	40	9	8	10	9	9	5	4	4	5	5	C	90
Rithika B	710621205025	70	38	60	60	40	10	10	10	9	10	4	4	5	4	5	B	95
Saran	710621205026	70	38	78	80	65	9	9	8	10	9	5	4	5	5	4	B	95
Saran	710621205027	83	60	68	70	45	8	9	8	9	10	4	4	5	4	5	B+	85
Sathish Kumar N	710621205028	45	15	5	48	40	9	10	10	10	10	5	4	5	4	4	U	40
Shahbirkhan I	710621205029	88	60	68	70	70	9	8	10	9	9	5	4	4	5	5	B	95
Shalini	710621205030	70	75	98	80	85	10	10	10	9	10	4	4	5	4	5	B+	85
Sacha K	710621205032	98	80	38	60	40	9	9	8	10	9	5	4	5	5	4	A	75
Sonuya N	710621205033	98	83	70	60	40	8	9	8	9	10	4	4	5	4	5	B+	85
Sujal	710621205034	70	75	93	75	65	9	10	10	10	10	5	4	5	4	4	B+	85



R. May Shanthi

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	710621205037	70	50	60	60	40	9	8	10	9	9	5	4	4	5	5	C	90
K. Manickam	710621205038	40	55	55	60	40	10	10	10	9	10	4	4	5	4	5	C	90
Atas M	710621205502	65	55	55	60	55	9	9	8	10	9	5	4	5	5	4	C	90
Arubadi Kannan	710621205501	83	60	68	73	45	8	9	8	9	10	4	4	5	4	5	B+	90
Sampuranan	710621205503	70	45	45	50	5	9	10	10	10	10	5	4	5	4	4	C	90
Harish Kumar	710621205701	70	45	60	60	40	9	10	10	1	9	5	4	5	4	4	C	90

### CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	2	-	-	-	-	-	-	-	-	-	-	3	-	-
CO2	-	1	-	-	2	-	-	-	-	-	-	2	-	2	-
CO3	-	2	-	-	3	-	-	-	-	-	-	-	-	3	-
CO4	-	-	-	1	2	-	-	-	-	1	-	-	-	-	-
CO5	-	3	2	-	-	-	-	-	-	-	-	-	-	-	3
PO ATTAINMENT	-	1	-	-	1	-	-	-	-	1	-	-	-	1	1



*R. Mary Shantra*  
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CSI COLLEGE OF ENGINEERING, THE NILGIRIS  
CO & PO Attainment Computation

CO ATTAINMENT

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2021-2025
Course Code & Title	EE3402
Semester/Year	IV/II
Faculty Name	Mrs. MANGELINE FELICIA

	TARGET			MIN
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				3

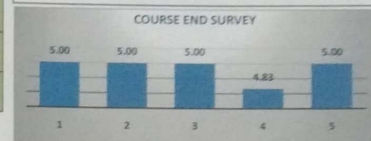
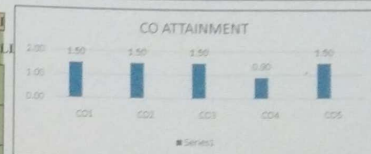
LINEAR INTEGRATED CIRCUITS	EC3451	Max Marks			
		CO'S	Int. Test	Ass.	AU
To study and understand about the characteristics and circuits of OP-AMP	CO1	60	40	100	5
To have better knowledge about the designing of linear & non linear applications of OP-AMP	CO2	60	40	100	5
To familiarize about the designing of ADC and DAC using OP-AMP	CO3	60	40	100	5
To understand the idea on the applicatios using analog multiplier and pll	CO4	60	40	100	5
of waveforms using OP-AMP & analyze special function lcs	CO5	60	40	100	5

Internal	Weightage		
	ASS	AU	Survey
20%	10%	50%	20%

CO TARGET 1

CO'S	5	4	3	2	1	VERALL
CO1	12	0	0	0	0	5.00
CO2	12	0	0	0	0	5.00
CO3	12	0	0	0	0	5.00
CO4	10	2	0	0	0	4.83
CO5	12	0	0	0	0	5.00

CO'S	Performance				OVERALL SCORE				
	Internal ACTUAL SCORE	ASS ACTUAL SCORE	AU ACTUAL SCORE	Survey ACTUAL SCORE					
CO1	100%	3	100%	3	0%	0	100%	3	1.50
CO2	100%	3	100%	3	0%	0	100%	3	1.50
CO3	100%	3	100%	3	0%	0	100%	3	1.50
CO4	0%	0	100%	3	0%	0	100%	3	0.50
CO5	100%	3	100%	3	0%	0	100%	3	1.50



Name	Roll No.	Test 1 & 2					Assignments					Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
ARAVIND.P	710621105001	77	58	76	17	37	10	10	10	10	10	5	5	5	5	5	U	49
ARJUN	710621105002	100	51	76	19	39	10	10	10	10	10	5	5	5	5	5	U	49
SELVA KUMARS	710621105004	100	72	86	29	42	10	10	10	10	5	5	5	5	5	U	49	
ASHOK KUMAR.R	710621105301	77	58	82	24	43	10	10	10	10	5	5	5	5	5	U	49	
BALAMURALLM	710621105302	100	72	88	29	41	10	10	10	10	5	5	5	5	5	U	49	
IMRANA	710621105303	100	65	92	23	39	10	10	10	10	5	5	5	5	5	U	49	
JANATH RAHUL	710621105304	93	65	88	29	43	10	10	10	10	5	5	5	5	5	U	49	
MANIKANDAN.J	710621105305	100	65	82	29	43	10	10	10	10	5	5	5	5	5	B-	65	
MOHAMED MOULANA.B.A	710621105306	93	65	90	29	43	10	10	10	10	5	5	5	5	5	U	49	
PAUL ESROME RAJE	710621105307	95	58	88	29	42	10	10	10	10	5	5	5	5	5	U	49	
ROHIT JOSHUA.J	710621105308	72	58	72	30	43	10	10	10	10	5	5	5	4	5	U	49	
SARAVANA KUMAR.P	710621105309	100	51	72	29	43	10	10	10	10	5	5	5	4	5	U	49	

CO-PO/PSO ARTICULATION MATRIX

CO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	0	0	0	0	1	2	2	1	1
CO2	3	2	3	3	2	1	0	0	0	0	1	2	2	1	1
CO3	3	2	3	2	2	2	0	0	0	0	1	1	2	1	1
CO4	3	2	2	2	3	1	0	0	0	0	1	1	2	1	1
CO5	2	2	3	2	3	2	0	0	0	0	1	1	2	1	1
PO ATTAINMENT	3	2	3	2	3	1	0	0	0	0	1	1	2	1	1



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

**CO ATTAINMENT**

Department	ELECTRICAL AND ELECTRONICS DEPARTMENT
Batch	2022-2026
Course Code & Title	EE3401 - Transmission and Distribution
Semester/Year	IV/II
Faculty Name	Ms.N.Sathibama

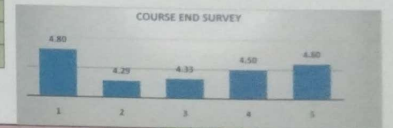
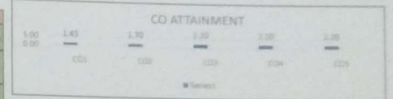
	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE				50%
ASSIGNMENT	70%	60%	50%	6
COURSE END SURVEY				3

Weightage			
Internal	ASS	AU	Survey
25%	15%	40%	20%
<b>CO TARGET = 3</b>			

	Internal		ASS		AU		Survey		OVERALL SCORE
	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	
CO1	25%	0	100%	3	50%	1	100%	3	1.45
CO2	50%	1	75%	3	50%	1	100%	3	1.70
CO3	100%	3	100%	3	50%	1	100%	3	2.20
CO4	75%	3	100%	3	50%	1	100%	3	2.20
CO5	75%	3	100%	3	50%	1	100%	3	2.20

Course	ME6505	Max Marks			
CO DESCRIPTION	CO'S	Int Test	Ass.	AU	Sur
CO1 - Understand the structure of power system, computation of transmission line parameters for different configurations	CO1	50	10	100	5
CO2 - Model the transmission lines to determine the line performance and to understand the impact of Ferraris effect and corona on line performance	CO2	50	10	100	5
CO3 - Do Mechanical design of transmission lines, grounding and to understand about the insulators in transmission system	CO3	50	10	100	5
CO4 - Design the underground cables and understand the performance analysis of underground cable.	CO4	50	10	100	5
CO5 - Understand the modelling, performance analysis and modern trends in distribution system.	CO5	50	10	100	5

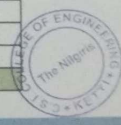
COURSE END SURVEY RUBRIC DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	4	1	0	0	0	4.80
CO2	4	1	2	0	0	4.29
CO3	3	2	1	0	0	4.33
CO4	3	0	1	0	0	4.50
CO5	3	2	0	0	0	4.60



Name	Roll No.	TEST 1					TEST 2					Assignments					Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
NIKITHAS	710622105002	21	28	38.5	29	29	8	9	9	8	9	5	4	5	5	4	5	5	4	5	4	B	88
PARTHIPAN.K	710622105003	21	21	26	27	27	6	5	8	8	8	3	3	3	3	4	1	1	4	1	4	C	48
SHREERAM.S	710622105005	18	16	36	18	20	7	8	8	6	6	4	3	4	5	4	1	1	4	1	4	C	48
ABISHECK.M	710622105301	28	28	36	29.5	29.5	9	9	8	9	7	5	4	4	5	5	5	5	5	5	B	88	

**CO-PO/PSO ARTICULATION MATRIX**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	-	-	-	-	-	1	-	-	-	-	3	1	3
CO2	3	2	1	1	-	1	-	2	-	-	-	-	3	2	3
CO3	3	2	1	1	-	1	-	2	-	-	-	-	3	3	3
CO4	3	2	1	1	-	1	-	2	-	-	-	-	3	3	3
CO5	3	2	1	1	-	1	-	2	-	-	-	-	3	3	3
PO ATTAINMENT	2.8	1.8	1	1		1		1.8					3	2.4	3



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

**CO ATTAINMENT**

**REGULATION 2021**

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2022-2024
Course Code & Title	EE 3001
Semester/Year	VI-III
Faculty Name	Prof.K.DEEPA

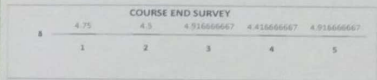
	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASCSM P&SE				6
COURSE END SURVEY				3

PROTECTION AND SWITCHING GEAR	FE 3001	Max Marks			
		Int. Test	ASCSM P&SE	AU	Sur
CO DESCRIPTION	CO'S				
Understand and select proper protective scheme and type of earthing	CO1	60	40	100	5
Explain the operating principles of various relays	CO2	60	40	100	5
Suggest suitable protective scheme for the protection of various power system apparatus	CO3	60	40	100	5
Analyze the importance of static relays and numerical relays in power system protection.	CO4	60	40	100	5
Summarize the merits and demerits and application areas of various circuit breakers	CO5	60	40	100	5

	Weightage			
	Internal	ASCSM P&SE	AU	Survey
	20%	10%	50%	20%
CO TARGET	0.9			

CO'S	COURSE END SURVEY RUBRIC DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	9	3	0	0	0	4.75
CO2	6	0	0	0	0	4.50
CO3	11	1	0	0	0	4.92
CO4	5	0	0	0	0	4.42
CO5	11	1	0	0	0	4.92

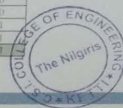
	Performance								OVERALL SCORE
	Internal		ASS		AU		Survey		
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE		
CO1	0%	0	100%	3	25%	0	100%	3	0.90
CO2	95%	3	100%	3	25%	0	100%	3	1.40
CO3	100%	3	100%	3	25%	0	100%	3	1.50
CO4	75%	3	100%	3	25%	0	100%	3	1.50
CO5	25%	0	100%	3	25%	0	100%	3	0.90



Name	Roll No.	Test 1 & 2				Assignments, Case Studies, Mini Project and					Survey					AU Result		
		CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark	
ARAVIND P	710621105301	21	32	30	35	22	7	8	8	8	7	5	4	5	4	5	LI	40
ARJUN S	710621105302	12	16	34	35	24	8	9	9	8	8	4	8	5	5	5	LI	40
SILVA K MARS	710621105303	28	42	26	26	22	9	8	5	7	9	4	5	5	4	5	LI	40
ASHOK K MARR	710621105301	28	39	40	49	31	7	7	8	6	8	5	4	5	5	5	BI	50
BALA M RALLI	710621105302	28	45	48	58	44	9	8	8	9	7	3	5	5	4	5	BI	50
IMRAN A	710621105303	33	45	38	35	11	8	9	9	8	8	5	4	5	5	5	BI	50
JANATH RATHI L C	710621105304	33	42	42	58	49	9	8	8	9	7	4	5	5	4	5	LI	40
MANDARANA J	710621105305	33	45	38	45	22	8	9	9	8	8	5	4	5	4	4	LI	40
MOHAMMAD MOULANA RA	710621105306	30	45	38	35	31	7	7	8	6	8	5	4	5	5	5	LI	40
PAUL ESKOMI RAJE	710621105307	30	42	42	35	22	9	8	8	9	7	5	4	5	4	5	LI	40
ROHITH JOSHI A J	710621105308	33	42	40	23	40	8	9	9	8	8	4	5	5	4	5	BI	50
SARAVANA K MARR P	710621105309	26	45	62	37	22	8	8	9	7	8	5	5	4	5	5	LI	40

**CO-PO/PSO ARTICULATION MATRIX**

CO'S	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	5	1	0	2	1	2	1	1	1	1	2	0	3	1	0
CO2	3	1	1	2	1	2	1	1	1	1	2	0	3	1	0
CO3	2	1	1	2	1	2	1	1	1	1	2	0	3	2	0
CO4	3	1	1	2	1	2	1	1	1	1	2	0	3	2	1
CO5	3	1	1	2	2	2	1	1	1	1	2	0	3	1	1
PO ATTAINMENT	3	3	1	2	1.2	2	1	1	1	1	2	0	3	1.4	1



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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

REGULATION 2021

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2022-2024
Course Code & Title	EE 3601
Semester/Year	VI / III
Faculty Name	Prof.K.DEEPA

	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AL PASS PERCENTAGE	70%	60%	50%	50%
AS,CS,M P&SE				6
COURSE END SURVEY				3

PROTECTION AND SWITCHGEAR	EE 3301	Max Marks			
		CO'S	Int. Test	AS,CS,M P&SE	AU
Understand and select proper protective scheme and type of earthing	CO1	60	40	100	5
Explain the operating principles of various relays	CO2	60	40	100	5
Suggest suitable protective scheme for the protection of various power system apparatus	CO3	60	40	100	5
Analyze the importance of static relays and numerical relays in power system protection	CO4	60	40	100	5
Summarize the merits and demerits and application areas of various circuit breakers	CO5	60	40	100	5

Internal	Weightage		
	AS,CS,M P&SE	AU	Survey
	20%	10%	20%
CO TARGET	0.5		

CO	Performance				OVERALL SCORE				
	Internal SCORE	ASS ACTUAL SCORE	AI ACTUAL SCORE	Survey ACTUAL SCORE					
CO1	0%	0	100%	3	20%	0	100%	3	6.00
CO2	70%	3	100%	3	20%	0	100%	3	1.50
CO3	100%	3	100%	3	20%	0	100%	3	1.50
CO4	70%	3	100%	3	20%	0	100%	3	1.50
CO5	20%	0	100%	3	20%	0	100%	3	0.90

CO'S	COURSE END SURVEY RUBRICS DASHBOARD					OVERALL
	4	3	2	1	0	
CO1	4	4	3	2	1	4.75
CO2	9	3	0	0	0	4.50
CO3	6	6	0	0	0	4.92
CO4	11	1	0	0	0	4.42
CO5	5	7	0	0	0	4.92

CO ATTAINMENT				
1.8	2.9	2.5	2.5	0.9
CO1	CO2	CO3	CO4	CO5
■ Series1 ■ Series2				

COURSE END SURVEY				
4.75	4.5	4.91666667	4.41666667	4.91666667
1	2	3	4	5

Name	Roll No	Test 1 & 2				Assignments, Case Studies, Mini Project and				Survey				AU Result					
		CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	CO1	CO2	CO3	CO4	Grade	Mark				
ARAVIND P	710621105001	21	32	30	35	22	7	8	8	8	7	5	4	5	4	5	L	40	
ARJUN S	710621105002	12	16	34	35	24	8	9	9	8	8	5	5	5	5	5	5	L	40
SELVA KUMAR S	710621105004	28	42	36	26	22	9	8	8	7	9	4	5	5	4	5	L	40	
ASHOK KUMAR R	710621105301	28	39	40	49	31	7	7	8	8	8	5	4	5	5	5	B	30	
BALAJI RALLI	710621105302	28	45	48	38	44	9	8	8	8	9	7	5	5	4	5	B	30	
IMRANA	710621105303	33	45	38	35	11	8	9	9	8	8	5	4	5	5	5	B	30	
JANATHI RAHUL C	710621105304	32	42	42	38	49	9	8	8	8	9	7	4	5	5	4	5	L	40
MAHENDRAN J	710621105305	33	45	38	45	22	8	9	9	8	8	5	4	5	4	4	L	40	
MOHAMMED MOLANARA	710621105306	30	45	38	35	31	7	7	8	6	8	5	4	5	5	5	L	40	
PAUL ENROME RAJE	710621105307	30	42	42	35	22	9	8	8	9	7	5	4	5	4	5	L	40	
ROHITHOSH A J	710621105308	33	42	40	23	40	8	9	9	8	8	4	5	5	4	5	B	30	
SARAVANA KUMAR P	710621105309	26	45	62	37	22	8	8	9	7	8	5	5	4	5	5	L	40	

CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	0	2	1	2	1	1	1	1	2	0	3	1	0
CO2	3	1	1	2	1	2	1	1	1	1	2	0	3	1	0
CO3	3	1	1	2	1	2	1	1	1	1	2	0	3	2	0
CO4	3	1	1	2	1	2	1	1	1	1	2	0	3	2	1
CO5	3	1	1	2	2	2	1	1	1	1	2	0	3	1	1
PO ATTAINMENT	3	1	1	2	12	2	1	1	1	1	2	0	3	14	1



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

**CO ATTAINMENT**

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2023-2024(2017 REG.)
Course Code & Title	EE8053-BIOMEDICAL INSTRUMENTATION
Semester/Year	SEVENTH_FINAL YEAR
Faculty Name	MESAKRUP

	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				3

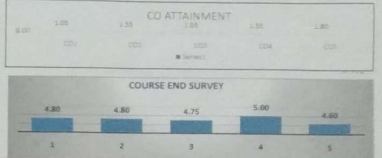
Course	CO DESCRIPTION	EL8005		Max Marks		
		CO'S	Int. Test	Ass.	AU	Sur
		CO1	50	10	100	5
		CO2	50	10	100	5
		CO3	50	10	100	5
		CO4	50	10	100	5
		CO5	50	10	100	5

Name	Ref No.	Test 1			Test 2			Test 3			Assignments					Survey					AU Results		
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Marks
CHRIS CLARENCE D	710620105901	20	42	16	40	28	8	8	8	8	8	5	5	4	5	5	5	5	5	5	5	B	59
PRAVEEN JHP	710620105902	13	40	17	41	28	7	7	8	8	8	4	4	5	5	5	5	5	5	5	5	L	49
ASHIK S	710620105301	39	21	16	24	28	7	7	8	7	7	4	5	5	5	5	5	5	5	5	5	L	49
KISHORE B	710620105302	18	44	18	26	28	8	8	8	8	8	5	4	5	4	5	4	5	5	5	5	B	59
MANGENDRA KUMAR G	710620105303	32	24	30	44	31	8	8	8	8	8	5	5	4	5	5	5	5	5	5	5	B	59
THIRU PALANI B	710620105304	0	0	0	25	26	7	7	7	7	7	4	4	5	5	5	5	5	5	5	5	U	49

Internal	Weightage		
	ASS	AU	Survey
25%	15%	40%	20%
CO TARGET 1.05			

CO	Performance				OVERALL SCORE
	Internal ACTUAL SCORE	ASS ACTUAL SCORE	AU ACTUAL SCORE	Survey ACTUAL SCORE	
CO1	33%	0	100%	3	1.05
CO2	67%	2	100%	3	1.55
CO3	0%	0	100%	3	1.05
CO4	67%	2	100%	3	1.55
CO5	100%	3	100%	3	1.80

CO'S	COURSE END SURVEY RUBRICS DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	4	1	0	0	0	4.30
CO2	4	1	0	0	0	4.30
CO3	3	1	0	0	0	4.75
CO4	2	0	0	0	0	5.00
CO5	3	2	0	0	0	4.60

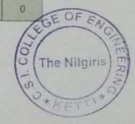


**CO-PO/PSO ARTICULATION MATRIX**

COs	POs													PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
CO1	1	0	2	3	3	3	2	0	0	0	0	1	0	0	0	
CO2	2	0	3	3	3	3	3	1	3	0	0	2	0	0	0	
CO3	3	1	3	2	2	3	3	0	3	1	0	1	0	0	0	
CO4	3	0	3	3	3	3	3	1	1	1	0	0	0	0	0	
CO5	3	1	3	3	3	2	3	1	2	1	0	1	0	0	0	
PO ATTAINMENT	2.4	0.475	1.33	1.33	1.33	1.28	1.33	0.5444	1.0792	0.4889	0	1	0	0	0	

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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	POSSIBLE COURSE ATTAINMENT TARGETS - EEE
Batch	2023-2024 - EVEN
Course Code & Title	EE 3404 & MICROPROCESSOR AND MICROCONTROLLER
Semester/Year	FOURTH/SECOND-YEAR
Faculty Name	PROF.A. ISAAC

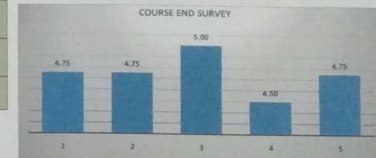
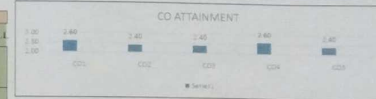
	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE				50%
ASSIGNMENT	70%	60%	50%	6
COURSE END SURVEY				3

Weightage			
Internal	ASS	AU	Survey
20%	10%	50%	20%
CO TARGET 2.4			

	Performance				OVERALL SCORE
	Internal	ASS	AU	Survey	
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	
CO1	52%	3	100%	3	2.60
CO2	25%	0	100%	3	2.40
CO3	40%	0	100%	3	2.40
CO4	50%	1	100%	3	2.40
CO5	36%	0	100%	3	2.40

Course	CODE	Max Marks			
		Int. Test	Ass.	AU	Sur
Ability to write assembly language program for microprocessor and microcontroller	CO1	60	40	100	5
Ability to design and implement interfacing of peripheral with microprocessor and microcontroller	CO2	60	40	100	5
Ability to analyze, comprehend, design and simulate microprocessor based systems used for control and monitoring	CO3	60	40	100	5
Ability to analyze, comprehend, design and simulate microcontroller based systems used for control and monitoring	CO4	60	40	100	5
Ability to understand and appreciate advanced architecture evolving microprocessor field	CO5	60	40	100	5

COURSE END SURVEY RUBRICS DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	3	1	0	0	0	4.75
CO2	3	1	0	0	0	4.75
CO3	4	0	0	0	0	5.00
CO4	2	2	0	0	0	4.50
CO5	3	1	0	0	0	4.75



Name	Roll No.	Test 1		Test 2		Assignments					Survey				AU Result			
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
NIKITHA S	710622105002	33	12	35	51	53	7	10	8	10	10	5	5	5	5	5	C	40
PARTHIPAN K	710622105003	14	53	80	20	55	7	7	7	10	10	5	5	5	4	4	B	50
SHREERAM S	710622105005	51	10	32	86	31	7	8	10	8	7	4	5	5	4	5	C	40
ABISHIECK M	710622105301	53	10	33	54	51	7	7	8	9	10	5	4	5	5	5	C	40

CO-PO/PSO ARTICULATION MATRIX

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
CO1	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3
CO2	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3
CO3	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3
CO4	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3
CO5	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3
PO ATTAINMENT	2	1	2	3	0	0	0	1	0	0	0	3	3	1	3



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

**CO ATTAINMENT**

REGULATION 2021

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2023-2027
Course Code & Title	EE 3251 ELECTRIC CIRCUIT ANALYSIS
Semester/Year	II / I
Faculty Name	Prof.K.DEEPA

	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE-END SURVEY				3

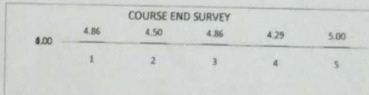
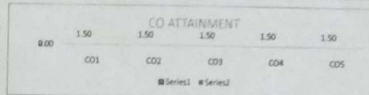
Weightage			
Internal	AS,CS,M P&SE	AU	Survey
20%	10%	50%	20%

CO TARGET 2.5

	Performance								OVERALL SCORE	
	Internal		AS		AU		Survey			
	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE	ACTUAL	SCORE		
CO1	100%	3	100%	3	0%	0	100%	3	1.50	FAILED
CO2	100%	3	100%	3	0%	0	100%	3	1.50	FAILED
CO3	100%	3	100%	3	0%	0	100%	3	1.50	FAILED
CO4	100%	3	100%	3	0%	0	100%	3	1.50	FAILED
CO5	100%	3	100%	3	0%	0	100%	3	1.50	FAILED

ELECTRIC CIRCUIT ANALYSIS	EE.3301	Max Marks			
CO DESCRIPTION	CO'S	Int. Test	AS,CS,MP &SE	AU	Sur
Explain circuit's behaviour and to apply mesh, nodal analysis to determine AC and DC circuit	CO1	60	40	100	5
Compute the transient response of first order and second order systems to step and sinusoidal input	CO2	60	40	100	5
Compute power,line/phase voltage and currents of the given three phase circuit	CO3	60	40	100	5
Explain the frequency response of series and parallel RLC Circuits	CO4	60	40	100	5
Explain the behaviour of magnetically coupled circuits	CO5	60	40	100	5

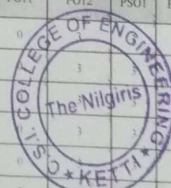
COURSE END SURVEY RUBRICS DASHBOARD						
CO'S	5	4	3	2	1	OVERALL
CO1	6	0	0	0	0	4.86
CO2	3	0	0	0	0	4.50
CO3	6	0	0	0	0	4.86
CO4	3	0	0	0	0	4.29
CO5	6	0	0	0	0	5.00



Name	Roll No.	Test 1 & 2					Assignments, Case Studies, Mini Project and Seminars					Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade	Mark
GOKUL	710623105001	56	87	54	56	36	7	8	8	8	7	5	4	5	4	5	U	40
MASTHAN	710622105002	56	45	44	40	44	8	9	9	8	8	5	5	5	5	5	U	40
NAVING	710622105003	63	48	50	51	44	9	8	8	7	9	4	5	5	4	5	U	40
RAMAR	710622105004	63	45	50	51	42	7	7	8	6	8	5	4	5	4	5	U	40
RAMESH BABU	710622105005	56	48	98	53	49	9	8	8	9	7	5	5	5	4	5	U	40
SAI PRASATH	710622105006	63	45	86	47	31	9	8	8	7	9	5	4	5	4	5	U	40
SHAM NITHIN	710622105007	63	48	54	51	31	8	8	9	7	8	5	4	5	5	5	U	40

**CO-PO/PSO ARTICULATION MATRIX**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	0	2	1	0	0	0	0	3	3	3
CO2	3	3	3	3	2	0	2	1	0	0	0	3	3	3	3
CO3	3	3	3	3	2	0	2	1	0	0	0	3	3	3	3
CO4	3	3	3	3	2	0	2	1	0	0	0	3	3	3	3
CO5	1	1	1	1	2	0	2	1	0	0	0	3	3	3	3
PO ATTAINMENT	3	3	3	2.8	2	0	2	1	0	0	0	3	3	3	3



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**

CO & PO Attainment Computation

**CO ATTAINMENT**

**REGULATION - 2017**

Department	ELECTRICAL AND ELECTRONICS DEPARTMENT
Batch	2020-2024
Course Code & Title	EE 8793 RENEWABLE ENERGY SOURCES
Year/Semester	IV/ VII
Faculty Name	Prof. K. DEEPA

	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
INT & AU PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				3
COURSE END SURVEY				4

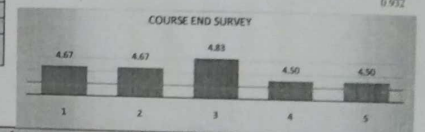
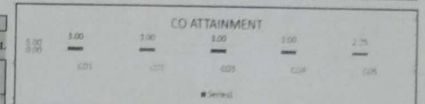
Weightage			
Internal	ASS	AU	Survey
25%	15%	40%	20%

CO TARGET 2

CO	Performance								OVERALL SCORE
	Internal		ASS		AU		Survey		
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE		
CO1	100%	3	100%	3	83%	3	100%	3	3.00
CO2	100%	3	100%	3	83%	3	100%	3	3.00
CO3	100%	3	100%	3	83%	3	100%	3	3.00
CO4	100%	3	100%	3	83%	3	100%	3	3.00
CO5	33%	0	100%	3	83%	3	100%	3	2.25

RENEWABLE ENERGY SOURCES	ME6505	Max Marks			
		CO'S	Int. Test	Ass.	AU
Ability to create awareness about renewable energy sources	CO1	50	10	100	5
Ability to get adequate inputs on a variety of issues relating to renewable	CO2	50	10	100	5
Ability to recognise current and possible future role	CO3	50	10	100	5
Ability to explain the various type of RES	CO4	50	10	100	5
Ability to understand the basics of Biomass, Wave and tidal sources	CO5	50	10	100	5

CO'S	5	4	3	2	1	OVERALL
CO1	4	3	0	0	0	4.67
CO2	4	2	0	0	0	4.67
CO3	5	1	0	0	0	4.83
CO4	3	1	0	0	0	4.50
CO5	3	3	0	0	0	4.50



Name	Roll No.	Test 1			Test 2			Test 3			Assignments					Survey					AU Result	
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	Grade
CHRIS CLARENCE	71062010105001	48	43	47	35	17	8	6	6	8	9	4	4	5	5	5	5	5	5	5	B	50
PRAVEEN J H P	71062010105002	47	44	44	35	17	6	5	8	0	8	5	5	4	5	4	5	4	4	4	U	40
ASHIK S	71062010105301	29	32	36	26	26	4	8	5	5	6	5	5	5	4	4	4	4	4	4	B	50
KISHORE B	71062010105302	45	45	45	26	29	9	9	8	9	7	5	5	5	4	4	4	4	4	4	B	50
MAGENDRA KUMAR G	71062010105303	38	45	48	34	15	6	5	6	7	8	5	5	4	4	4	4	4	4	4	B	50
THIRU PALANI	71062010105304	26	26	39	34	15	4	8	5	5	6	4	4	5	5	5	5	5	5	5	B	50

**CO-PO/PSO ARTICULATION MATRIX**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	0	3	0	0	0	3	0	0
CO2	2	3	2	2	3	0	3	0	0	0	0	0	0
CO3	3	2	3	3	1	0	3	0	0	0	0	0	0
CO4	1	3	3	1	3	0	3	0	0	0	0	0	0
CO5	3	3	3	3	2	0	3	0	0	0	0	0	0
PO ATTAINMENT	2.4	2.65	2.65	2.25	2.3	0	2.85	0	0	0	2.5	0	0

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CO & PC Attainment Computation

# CO ATTAINMENT

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	M212025
Course Code & Title	EE501-CONTROL SYSTEMS
Semester/Year of Study	VIII/2025
Faculty Name	Mr. A. ISAAC

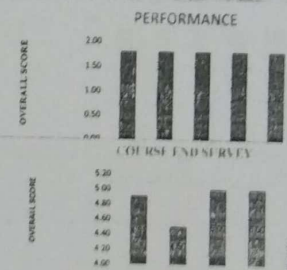
LEVEL	TARGET	MIN. SCORE
70%	60%	50%
		6
		3

Weightage	Internal	ASST	SAU	Survey
	25%	15%	40%	20%

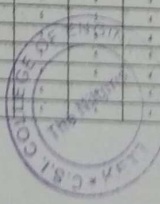
CO	Internal		ASST		SAU		Survey		OVERALL SCORE
	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	
CO1	100%	3	100%	3	0%	0	100%	3	1.80
CO2	100%	3	100%	3	0%	0	100%	3	1.80
CO3	100%	3	100%	3	0%	0	100%	3	1.80
CO4	100%	3	100%	3	0%	0	100%	3	1.80
CO5	100%	3	100%	3	0%	0	100%	3	1.80

CO DESCRIPTION	Int. Trf.	Ass.	AU	Ser
CO1 Represent simple systems in transfer function and state variable forms	100	10	100	5
CO2 Analyze simple systems in time domain	100	10	100	5
CO3 Analyze simple systems in frequency domain	100	10	100	5
CO4 Infer the stability of systems in time and frequency domain	100	10	100	5
CO5 Interpret characteristics of the system and find out solution for simple control	100	10	100	5

CO'S	5	4	3	2	1	OVERALL
CO1	1	0	0	0	0	5.00
CO2	1	0	0	0	0	5.00
CO3	1	0	0	0	0	5.00
CO4	1	0	0	0	0	5.00
CO5	1	0	0	0	0	5.00



Name	Roll No.	QA					Assignments					Surveys					Grades	Marks
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5		
AKAVIND P	710621105501	53	74	56	51	79	9	10	10	10	10	5	4	5	5	4	U	49
ARJUN S	710621105502	100	97	100	100	93	10	10	10	9	10	4	5	5	5	4	U	49
SELVAKUMAR S	710621105504	107	84	119	124	124	10	9	10	10	10	5	5	5	5	4	U	49
ASHOK KUMAR R	710621105501	95	97	91	91	146	10	10	9	10	10	5	4	5	5	4	U	49
BALA MURALI M	710621105502	88	95	109	103	87	10	9	10	10	10	5	5	5	5	4	U	49
BMRAN A	710621105503	89	96	96	98	100	10	10	9	10	10	5	4	5	5	4	U	49
JAHANTH RAHUL C	710621105504	101	100	100	97	100	9	10	10	10	10	4	5	5	5	4	U	49
MANKANDAN J	710621105505	100	101	100	111	115	10	10	10	9	10	4	5	5	5	4	U	49
MOHAMED MOULANA B A	710621105506	121	97	82	80	87	10	9	10	10	10	5	4	5	5	4	U	49
PAUL ESROME RAJ E	710621105507	93	100	91	95	115	10	10	9	10	10	5	4	5	5	4	U	49
ROHIT JOSHUA J	710621105508	111	107	123	128	101	10	9	10	10	10	5	4	5	5	4	U	49
SARAVANA KUMAR P	710621105509	81	83	78	85	78	10	10	9	10	10	5	4	5	5	4	U	49



*A. Neey Shantra*  
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CSI COLLEGE OF ENGINEERING - THE NILGIRIS  
CO & PO Attainment Computation

CO ATTAINMENT

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2021-2025
Course Code & Title	EE3006-POWER QUALITY
Semester/Year	VIII
Faculty Name	M. A. AISAAC

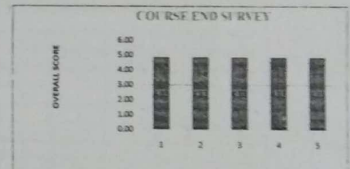
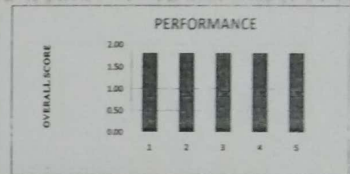
LEVEL	TARGET			MIN SCORE
	LEVEL 3	LEVEL 2	LEVEL 1	
70%	60%	50%		50%
				6
				3

Internal	Weightage			
	ASS	AT	Survey	
25%	15%	40%	20%	

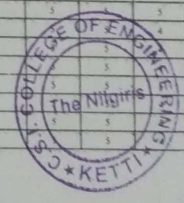
CO	Internal		ASS		AT		Survey		LBO
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE		
CO1	100%	3	100%	3	25%	0	100%	3	LBO
CO2	100%	3	100%	3	25%	0	100%	3	LBO
CO3	100%	3	100%	3	25%	0	100%	3	LBO
CO4	100%	3	100%	3	25%	0	100%	3	LBO
CO5	100%	3	100%	3	25%	0	100%	3	LBO

CO DESCRIPTION	CO'S	Int. Test	Max Mark		
			Ass	AT	Sur
Use various definitions of power quality for power quality issues	CO1	100	10	100	5
Ability to understand the structural elements of various instruments.	CO2	100	10	100	5
Ability to understand the importance of bridge circuits.	CO3	100	10	100	5
Ability to understand about various transducers and their characteristics by experiments.	CO4	100	10	100	5
Ability to understand the concept of digital instrumentation and virtual instrumentation by experiments.	CO5	100	10	100	5

CO'S	COURSE END SURVEY RUBRICS DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	18	2	0	0	0	4.5
CO2	18	2	0	0	0	4.5
CO3	18	2	0	0	0	4.5
CO4	17	2	1	0	0	4.3
CO5	15	3	0	0	0	4.3



Sl. No.	Name	Reg. No.	CA					Assignments					Survey					Overall	Grade
			Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5		
1	ARAVIND P	710621105001	76	57	82	59	79	9	10	10	10	10	5	4	5	5	4	U	48
2	ARJUN S	710621105002	70	136	100	105	100	10	10	10	9	10	4	5	5	5	4	U	48
3	SELVAK JMAF E	710621105004	149	79	111	105	115	10	9	10	10	10	5	5	5	5	5	U	48
4	ASHOK KUMAR R	710621105301	95	100	100	98	103	10	10	9	10	10	5	4	5	5	4	B+	65
5	BALAJI MURALI M	710621105302	98	11	100	103	85	10	9	10	10	10	5	5	5	5	4	B+	65
6	IMRAN A	710621105303	90	100	98	100	100	10	10	9	10	10	5	4	5	5	4	B	59
7	JANANTH RAHUL C	710621105304	95	96	100	93	100	9	10	10	10	10	5	4	5	5	4	B	59
8	MANIKANDAN J	710621105305	91	176	121	116	119	10	10	10	9	10	4	5	5	5	4	B+	65
9	MOHAMED MOULANA B A	710621105306	111	61	51	93	84	10	9	10	10	10	5	5	5	5	4	B	59
10	PAUL ESROME RAJ E	710621105307	90	100	99	100	100	10	10	9	10	10	5	4	5	5	4	B	59
11	ROHIT JOSHUA J	710621105308	105	107	114	113	110	10	9	10	10	10	5	5	5	5	4	B+	65
12	SARAVANA KUMAR P	710621105309	85	90	88	96	84	10	10	9	10	10	5	4	5	5	4	B	59



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**  
CO & PO Attainment Computation

Department	EE
Batch	2021-2024
Course Code & Title	EE3009 SPECIAL ELECTRICAL MACHINES
Semester/Year	III SEM / THIRD YEAR EE
Faculty Name	MSANKAR P

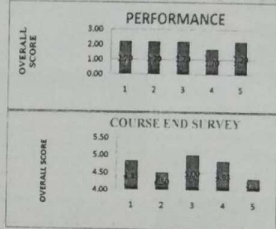
**CO ATTAINMENT**

LEVEL	TARGET			MIN SCORE
	LEVEL 1	LEVEL 2	LEVEL 3	
70%	60%	50%		6
				3

Internal	Weightage			
	CLASS	AU	SA	Survey
25%	15%	40%	20%	

CO	Internal		ASS		AU		Survey		OVERALL SCORE
	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	
CO1	75%	3	100%	3	50%	1	100%	3	2.20
CO2	100%	3	100%	3	50%	1	100%	3	2.20
CO3	100%	3	100%	3	50%	1	100%	3	2.20
CO4	50%	1	100%	3	50%	1	100%	3	1.70
CO5	75%	3	100%	3	50%	1	100%	3	2.20

CO'S	RUBRICS DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	5	1	0	0	0	4.50
CO2	3	3	0	0	0	4.50
CO3	6	0	0	0	0	5.00
CO4	5	1	0	0	0	4.50
CO5	2	4	0	0	0	4.33



CO DESCRIPTION	CO'S	Max Marks				
		Int-Test	Ass	AU	SA	Survey
Ability to model and analyze power electronic systems	CO1	100	10	100	5	
Ability to optimally design magnetics required in special machines based drive system	CO2	100	10	100	5	
Ability to analyze the dynamic performance of special electrical machines	CO3	100	10	100	5	
Ability to understand the operation and characteristics of other special electrical machines	CO4	100	10	100	5	
Ability to design and conduct experiments towards research	CO5	100	10	100	5	

Student Name	Reg. No.	CIA												Assignments					Survey					Grade	Marks
		CO1	CO2	CO3	CO4	CO5	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	CO1	CO2	CO3	CO4	CO5		
ARAVIND P	710621105001	25	78	67	25	40	10	9	9	10	10	5	4	5	5	5	4	5	5	5	4	C	49		
ARJUN S	710621105002	70	84	86	20	119	10	10	10	9	10	4	5	5	5	5	4	5	5	5	4	C	49		
SELVAKUMAR S	710621105004	457	103	148	90	51	10	9	10	10	10	5	5	5	4	5	4	5	5	5	4	B+	65		
ASHOK KUMAR R	710621105301	88	83	112	128	110	10	10	9	10	10	5	4	5	5	4	5	5	5	4	B+	65			
BALA MURALI M	710621105302	121	120	147	143	157	10	9	10	10	10	5	5	5	5	5	4	5	5	5	4	B+	65		
IMRAN A	710621105303	50	117	88	52	58	10	10	9	10	10	5	4	5	5	5	4	5	5	5	4	A	75		
JANANTH RAHUL C	710621105304	129	63	111	165	129	9	10	10	10	10	5	4	5	5	5	4	5	5	5	4	B+	65		
MANIKANDAN J	710621105305	132	132	90	71	104	10	10	10	10	9	10	5	4	5	5	4	5	5	5	4	B	59		
MOHAMED MOULANA B A	710621105306	83	69	108	145	104	10	9	10	10	10	4	5	4	5	5	4	5	5	5	4	A	75		
PAUL ESROME RAJ E	710621105307	106	135	91	90	97	10	10	9	10	10	5	4	5	5	5	4	5	5	5	4	B+	65		
ROHIT JOSHUA J	710621105308	115	104	121	73	79	10	9	10	10	10	5	4	5	5	5	4	5	5	5	4	B+	65		
SARAVANA KUMAR P	710621105309	63	93	56	126	64	10	10	9	10	10	5	4	5	5	5	4	5	5	5	4	B	59		

COs	POs												PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	-	-	1	-	1	-	1	3	2	1
CO2	3	3	3	3	-	-	2	1	-	2	-	3	3	2	1
CO3	3	-	-	-	-	-	-	1	-	1	-	1	3	2	1
CO4	3	3	3	3	-	-	-	1	-	1	-	1	3	2	1
CO5	3	3	3	3	3	-	3	1	-	3	-	3	3	2	1
Avg	3	3	3	3	3	-	2.5	1	-	2.2	-	2	3	2	1



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**CSI COLLEGE OF ENGINEERING, THE NILGIRIS**

**CO & PO Attainment Computation**

**CO ATTAINMENT**

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	D12-2024
Course Code & Title	EE701-HIGH VOLTAGE ENGINEERING
Semester/Year	7TH SEM/FINAL YEAR
Faculty Name	M.P.SANKAR

INTRA AU PASS PERCENTAGE	TARGET			MIN. SCORE
	LEVEL-1	LEVEL-2	LEVEL-3	
ASSIGNMENT	70%	60%	50%	50%
COURSE END SURVEY				6

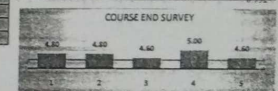
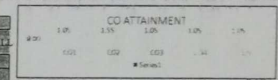
Weightage	Internal	ASS	AU	Survey	CO TARGET

CO	Performance				OVERALL SCORE				
	Internal	ASS	AU	Survey					
CO1	33%	0	100%	3	33%	0	100%	3	1.85
CO2	67%	2	100%	3	33%	0	100%	3	1.55
CO3	0%	0	100%	3	33%	0	100%	3	1.85
CO4	0%	0	100%	3	33%	0	100%	3	1.85
CO5	33%	0	100%	3	33%	0	100%	3	1.85

Course	CO DESCRIPTION	EE701	Max Marks			
CO'S		Int. Test	Ass.	AU	Ser	
CO1		50	10	100	5	
CO2		50	10	100	5	
CO3		50	10	100	5	
CO4		50	10	100	5	
CO5		50	10	100	5	

CO'S	5	4	3	2	1	OVERALL
CO1	4	1	0	0	0	4.50
CO2	4	1	0	0	0	4.50
CO3	3	2	0	0	0	4.50
CO4	3	0	0	0	0	5.00
CO5	3	2	0	0	0	4.50

CO'S	5	4	3	2	1	OVERALL
CO1	4	1	0	0	0	4.50
CO2	4	1	0	0	0	4.50
CO3	3	2	0	0	0	4.50
CO4	3	0	0	0	0	5.00
CO5	3	2	0	0	0	4.50



Student Name	Test 1	Test 2	Test 3	Ass	AU	Ser	CO1	CO2	CO3	CO4	CO5	Grd	Mark				
CHRIS CLARENCE D	18	44	20	21	24	8	8	8	8	8	5	4	4	5	4	B	58
PRAVEEN J H P	29	53	20	21	45	7	7	8	8	7	5	4	4	5	5	U	49
ASHIK S	23	19	21	23	16	8	8	7	7	7	4	3	3	5	5	U	45
KISHORE B	33	37	20	21	43	9	9	8	8	8	4	5	4	5	5	B	59
MAGENDRA KUMAR G	34	27	34	23	24	9	9	9	9	8	5	5	4	5	5	B	58
THIRU PALANI B	18	31	16	14	0	7	7	8	8	7	5	4	4	5	5	B	58

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	0	2	3	3	3	2	0	0	0	0	1	0	0	0
CO2	2	0	3	3	3	3	3	1	3	0	0	2	0	0	0
CO3	3	1	3	2	2	3	3	0	3	1	0	1	0	0	0
CO4	3	0	3	3	3	3	3	1	1	1	0	0	0	0	0
CO5	3	1	3	3	3	2	3	1	2	1	0	1	0	0	0
PO ATTAINMENT	2.4	0.35	1.08	1.08	1.08	1.08	1.08	0.4056	0.9125	0.35					



*R. Mury Shanathi*  
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**KETTI-643 216, ERIN**

CSI COLLEGE OF ENGINEERING, THE NIEGIRIS

CO & PO Attainment Computation

CO ATTAINMENT

Department	EEE
Roll No	2013-2014
Course Code & Title	EE3501-TOWER ELECTRONICS
Semester/Year	5TH/3RD YEAR
Faculty Name	M.SANKAR P.

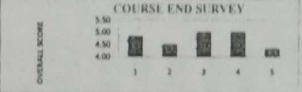
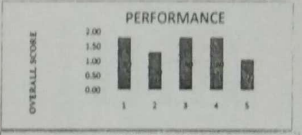
LEVEL	TARGET			MIN. SCORE
	LEVEL 1	LEVEL 2	LEVEL 3	
INITIAL PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				5

COURSE	Weightage			
	THEORY	LAB	AT	PROJECT
CO1	25%	15%	40%	20%

COURSE	Internal		Performance		Survey		OVERALL SCORE
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	
CO1	100%	3	100%	3	0%	0	100%
CO2	50%	1	100%	3	0%	0	100%
CO3	100%	3	100%	3	0%	0	100%
CO4	75%	3	100%	3	0%	0	100%
CO5	75%	0	100%	3	0%	0	100%

CO DESCRIPTION	CO#	Int. Test	Max. Marks		
			Att	AV	Sur
Understand the operation of semiconductor devices and dynamic characteristics and to design & analyze the low power SMPS	CO1	100	10	100	5
Analyze the various uncontrolled rectifiers and design suitable filter circuits	CO2	100	10	100	5
Analyze the operation of the n-pole converters and evaluate the performance parameters	CO3	100	10	100	5
Understand various PWM techniques and apply voltage control and harmonic elimination methods to inverter circuits	CO4	100	10	100	5
Understand the operation of AC voltage controllers and its applications.	CO5	100	10	100	5

CO#	COURSE END SURVEY RUBRIC'S DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	5	1	0	0	0	4.11
CO2	3	2	0	0	0	3.11
CO3	6	0	0	0	0	5.11
CO4	6	0	0	0	0	5.11
CO5	7	1	0	0	0	4.11



Name	REG. No	CO1	CO2	CO3	CO4	CO5	PS01	PS02	PS03	PS04	PS05	PS06	PS07	PS08	PS09	PS10	PS11	PS12	PS13	PS14	PS15	PS16	PS17	PS18	PS19	PS20	PS21	PS22	PS23	PS24	PS25	PS26	PS27	PS28	PS29	PS30	PS31	PS32	PS33	PS34	PS35	PS36	PS37	PS38	PS39	PS40	PS41	PS42	PS43	PS44	PS45	PS46	PS47	PS48	PS49	PS50	PS51	PS52	PS53	PS54	PS55	PS56	PS57	PS58	PS59	PS60	PS61	PS62	PS63	PS64	PS65	PS66	PS67	PS68	PS69	PS70	PS71	PS72	PS73	PS74	PS75	PS76	PS77	PS78	PS79	PS80	PS81	PS82	PS83	PS84	PS85	PS86	PS87	PS88	PS89	PS90	PS91	PS92	PS93	PS94	PS95	PS96	PS97	PS98	PS99	PS100
ARAVIND P	710621105001	81	49	67	48	23	9	10	10	10	10	10	5	4	5	5	4	U	40																																																																																							
ARJUN S	710621105002	82	44	56	34	11	10	10	10	9	10	4	5	5	5	4	U	40																																																																																								
SELVAKUMAR S	710621105004	122	271	148	144	33	10	9	10	10	10	5	5	5	5	5	U	40																																																																																								
ASHOK KUMAR R	710621105501	97	163	112	109	108	10	10	9	10	10	5	4	5	5	4	U	40																																																																																								
BALA MURALI M	710621105302	63	110	147	76	229	10	9	10	10	10	5	5	5	5	5	U	40																																																																																								
IMRAN A	710621105303	100	94	88	152	44	10	10	9	10	10	5	4	5	5	4	U	40																																																																																								
JANANTH RAHUL C	710621105304	155	94	111	128	156	9	10	10	10	10	5	4	5	5	4	U	40																																																																																								
MANIKANDAN J	710621105305	65	113	90	81	74	10	10	10	9	10	5	4	5	5	5	U	40																																																																																								
MOHAMED MOULANA B A	710621105306	100	94	108	108	114	10	9	10	10	10	5	4	5	4	5	B	50																																																																																								
PAUL ESROME RAJE	710621105307	145	56	91	93	94	10	10	9	10	10	5	4	5	5	5	C	40																																																																																								
ROHIT JOSHUA J	710621105308	110	106	121	77	220	10	9	10	10	10	5	5	5	5	5	U	40																																																																																								
SARAVANA KUMAR P	710621105309	97	89	56	120	36	10	10	9	10	10	5	4	5	5	4	U	40																																																																																								

COs	POs									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	-	-	2	1	-	3
CO2	3	3	3	3	-	-	2	1	-	3
CO3	3	3	3	3	-	-	2	1	-	3
CO4	3	3	3	3	-	-	1	1	-	2
CO5	3	3	3	3	-	-	1	1	-	2
Avg	3	3	3	3	-	-	1.5	1	-	2.25



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CSI COLLEGE OF ENGINEERING, THE NILGIRIS

CO & PO Attainment Computation

CC ATTAINMENT

Department	EEEL
Batch	EEEL2025
Course Code & Title	EE3023 MEMS & NEMS
Semester/Year	V/III
Faculty Name	MGBAKSHI/PRIVA G

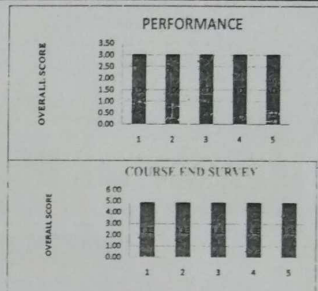
COURSE END SURVEY	TARGET			MIN. SCORE
	LEVEL 1	LEVEL 2	LEVEL 3	
INTERNAL PASS PERCENTAGE	70%	60%	50%	50%
ASSIGNMENT				6
COURSE END SURVEY				3

CO TARGET	Weightage			
	Internal	CLASS	SA	SUPPLY
	25%	15%	40%	20%

CO	Internal		CLASS		SA		SUPPLY		OVERALL SCORE
	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	ACTUAL SCORE	PERCENTAGE	
CO1	100%	100%	100%	100%	100%	100%	100%	100%	3.00
CO2	100%	100%	100%	100%	100%	100%	100%	100%	3.00
CO3	100%	100%	100%	100%	100%	100%	100%	100%	3.00
CO4	100%	100%	100%	100%	100%	100%	100%	100%	3.00
CO5	100%	100%	100%	100%	100%	100%	100%	100%	3.00

CO DESCRIPTION	CO#	Tot. Tmr	MAN Minuted		
			Att.	Att.	Att.
Explain the material properties and the significance of MEMS and NEMS for industrial automation.	CO1	100	10	100	5
Demonstrate knowledge delivery on micro-machining and micro fabrication	CO2	100	10	100	5
Apply the fabrication mechanism for MEMS sensor and actuators	CO3	100	10	100	5
Apply the concepts of MEMS and NEMS to model, simulate and process the sensors and actuators.	CO4	100	10	100	5
Improved Employability and entrepreneurship capacity due to knowledge on graduation on MEMS and NEMS technology.	CO5	100	10	100	5

CO'S	COURSE END SURVEY RUBRICS DASHBOARD					OVERALL
	5	4	3	2	1	
CO1	10	2	0	0	0	4.53
CO2	10	2	0	0	0	4.53
CO3	10	2	0	0	0	4.53
CO4	10	2	0	0	0	4.53
CO5	10	2	0	0	0	4.53



Name	REG. No.	CIA					Assignments					Survey					Grade	Marks
		CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5	CO1	CO2	CO3	CO4	CO5		
ARAVIND P	710621105001	80	81	79	80	80	9	10	10	10	10	5	4	5	5	4	B	59
ARJUN S	710621105002	67	91	67	84	141	10	10	10	9	10	4	5	5	5	4	B+	65
SELVAKUMAR S	710621105004	171	115	194	171	179	10	9	10	10	10	5	5	5	5	5	O	85
ASHOK KUMAR R	710621105301	97	100	89	92	104	10	10	9	10	10	5	4	5	5	4	A	75
BALA MURALI M	710621105302	111	109	116	111	74	10	9	10	10	10	5	5	5	5	5	A	75
IMRAN A	710621105303	78	78	81	80	139	10	10	9	10	10	5	4	5	5	4	A	75
JANANTH RAHUL C	710621105304	100	89	101	112	69	9	10	10	10	10	5	4	5	5	4	B+	65
MANIKANDAN J	710621105305	174	116	117	101	162	10	10	10	9	10	4	5	5	5	4	A+	85
MOHAMED MOULANA B A	710621105306	81	79	88	94	91	10	9	10	10	10	5	5	5	5	5	A	75
PAUL ESROME RAJ E	710621105307	100	92	97	95	96	10	10	9	10	10	5	4	5	5	4	A	75
ROHIT JOSHUA J	710621105308	120	116	112	117	104	10	9	10	10	10	5	5	5	5	4	O	85
SARAVANA KUMAR P	710621105309	87	79	88	77	112	10	10	9	10	10	5	4	5	5	4	C	49

CO	CO-PO/PSO ARTICULATION MATRIX											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1	1	1	0	0	0	0	0	0	0
CO2	2	1	2	2	1	0	0	0	0	0	0	0
CO3	2	2	2	1	3	0	0	0	0	0	0	0
CO4	3	2	2	2	3	0	0	0	0	0	0	0
CO5	3	2	3	3	3	0	0	0	1	0	0	0
ATTAINMENT	2.4	1.8	2	1.8	2.4	0	0	0	1	0	0	0

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**CO & PO Attainment Computation**

**CO ATTAINMENT**

Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Batch	2020-2024
Course Code & Title	GE8077 - TOTAL QUALITY MANAGEMENT
Semester/Year	IV/VIII
Faculty Name	Prof. G. LAKSHMI PRIYA

	TARGETS			MIN SCORE
	LEVEL 1	LEVEL 2	LEVEL 3	
INT. & AU PASS PERCENTAGE				50%
ASSIGNMENT	20%	60%	50%	6
COURSE END SURVEY				3

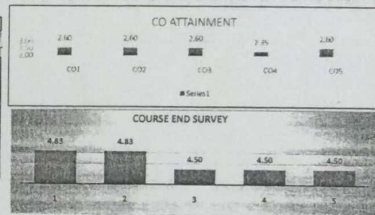
Internal	Weightage			
	ASS	AU	SA	SRV
	25%	15%	40%	20%

CO TARGET: 2.3

CO	Performance				INTERNAL ACTUAL SCORE	ASS	AU	SA	SRV	OVERALL SCORE
	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE	ACTUAL SCORE						
CO1	100%	3	100%	3	60%	2	100%	3	2.60	
CO2	100%	3	80%	3	60%	2	100%	3	2.60	
CO3	100%	3	100%	3	60%	2	100%	3	2.60	
CO4	60%	2	80%	3	60%	2	100%	3	2.35	
CO5	80%	3	100%	3	60%	2	100%	3	2.60	

Course	CO'S	Int. Test	Ass.	AU	SA	SRV
The student would be able understand the quality mangement	CO1	50	10	100	5	
	CO2	50	10	100	5	
	CO3	50	10	100	5	
	CO4	50	10	100	5	
	CO5	50	10	100	5	
The student would be able manufacture and services processes	CO5	50	10	100	5	

CO'S	5	4	3	2	1	OVERALL
CO1	5	1	0	0	0	4.83
CO2	5	1	0	0	0	4.83
CO3	3	3	0	0	0	4.50
CO4	3	2	0	0	0	4.50
CO5	3	2	0	0	0	4.50



Sl. No.	Name	Roll No.	Test 1			Test 2			Test 3			Assignments					Survey			AU Result	
			CO1	CO2	CO3	CO1	CO2	CO3	CO1	CO2	CO3	CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	Grade	Mark
710620105001	CHRIS CLAFENCE D		48	34	35	17	25	9	9	8	9	7	4	4	5	5	5	5	U	48	
710620105002	PRAVEEN J H P		40	30	30	30	27	6	6	8	9	8	5	5	4	5	4	5	4	B	50
710620105301	ASHIK S		35	25	25	27	25	6	8	8	5	6	5	5	4	5	5	5	5	U	49
710620105302	KISHORE B		46	34	30	42	17	9	9	8	9	7	5	5	5	4	5	5	5	U	49
710620105303	MAGENDRA KLMARG		43	33	23	18	43	6	5	6	7	8	5	5	5	4	4	5	B+	50	
710620105304	THIRU PALANI B		35	25	27	28	14	6	8	8	5	6	5	5	4	5	5	5	U	48	

**CO-PO/PSO ARTICULATION MATRIX**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	1	0	0	0	0	0	3	0	0	0
CO2	3	3	3	3	3	0	1	0	0	1	0	3	0	0	0
CO3	3	2	3	3	2	0	0	0	1	0	0	2	0	0	0
CO4	2	3	3	3	3	0	0	1	0	0	0	3	0	0	0
CO5	2	3	3	2	3	0	0	0	0	0	1	3	0	0	0
PO ATTAINMENT	2.8	2.37667	2.55	2.37667	2.577	0.867	0.867	0.7833	0.8667	0.867	0.8667	2.3767			



*R. Neey Shantra*

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**KETTI-643 216.**

543-15  
125-15  
210-20  
B.P.