3

Tutorial – 1   Date: 21/10/2022

Topic : Moment of resistance, design of simply supported beam.

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	← Absent →
5602	SBC20CE002	ABHIJITH M NAIR	Absent
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	
5606	SBC20CE006	ADITHYA U R	
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	← Absent →
5609	SBC20CE009	AKASH S RAJ	← Absent →
5610	SBC20CE010	AKHIL SUNILKUMAR	
5611	SBC20CE011	AKSHAYA R SUBHASH	← Absent →
5612	SBC20CE012	ALAN C VARGHESE	← Absent →
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	← Absent →
5623	SBC20CE023	ARJUN R	← Absent →
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	

21/10/22
Shobha Elizabeth Thomas

Criterion 2

2.3 Teaching – Learning Process

4

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	← Absent →
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	
5639	SBC20CE043	RUPIKA M	
5640	SBC20CE044	SARANYA S	← Absent →
5641	SBC20CE045	SHAROOKHAN S	
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	
5647	LSBC20CE051	ASLUM ASHRAF	
5648	LSBC20CE052	MEERA KRISHNAN	
5649	LSBC20CE053	NIDHIN KRISHNA N	
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	← Absent →
5652	LSBC20CE056	VIDYA V NAIR	

Criterion 2

2.3 Teaching – Learning Process

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
(Autonomous from AY 2024-2025)

5

Tutorial-2   Date : 3/11/2022

Topic : Moment of resistance, simply supported beam design.

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	← Absent →
5602	SBC20CE002	ABHIJITH M NAIR	
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	← Absent →
5606	SBC20CE006	ADITHYA U R	← Absent →
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	
5609	SBC20CE009	AKASH S RAJ	
5610	SBC20CE010	AKHIL SUNILKUMAR	
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	← Absent →

Shobha Elizabeth Thomas

Page 3

Criterion 2

2.3 Teaching – Learning Process

6

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	Absent
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	Absent
5639	SBC20CE043	RUPIKA M	
5640	SBC20CE044	SARANYA S	
5641	SBC20CE045	SHAROOKHAN S	
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	Absent
5647	LSBC20CE051	ASLUM ASHRAF	
5648	LSBC20CE052	MEERA KRISHNAN	
5649	LSBC20CE053	NIDHIN KRISHNA N	
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	
5652	LSBC20CE056	VIDYA V NAIR	

Criterion 2

2.3 Teaching – Learning Process

Tutorial 3　　　　　　　　　　Date : 1/11/22.

Topic : Doubly reinforced beam, T-beam, shear design.

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	← Absent →
5602	SBC20CE002	ABHIJITH M NAIR	
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	
5606	SBC20CE006	ADITHYA U R	
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	
5609	SBC20CE009	AKASH S RAJ	← Absent →
5610	SBC20CE010	AKHIL SUNILKUMAR	← Absent →
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	← Absent →
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	

4/11/22

Criterion 2

2.3 Teaching – Learning Process

8

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	Absent
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	Absent
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	
5639	SBC20CE043	RUPIKA M	Absent
5640	SBC20CE044	SARANYA S	
5641	SBC20CE045	SHAROOKHAN S	
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	Absent
5647	LSBC20CE051	ASLUM ASHRAF	
5648	LSBC20CE052	MEERA KRISHNAN	Absent
5649	LSBC20CE053	NIDHIN KRISHNA N	
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	
5652	LSBC20CE056	VIDYA V NAIR	

Shobha Elizabeth Thomas

Criterion 2

2.3 Teaching – Learning Process

11

Tutorial - 5.

Topic: Design of two way slab.   Date: 02/12/2022

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	
5602	SBC20CE002	ABHIJITH M NAIR	
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	← Absent →
5605	SBC20CE005	ABHISHEK S	
5606	SBC20CE006	ADITHYA U R	
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	
5609	SBC20CE009	AKASH S RAJ	
5610	SBC20CE010	AKHIL SUNILKUMAR	
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	← Absent →
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	← Absent →

Criterion 2

2.3 Teaching – Learning Process

12

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
SEMESTER 5 (2020-2024 BATCH)

ROLL NO.	REG NO:	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	
5639	SBC20CE043	RUPIKA M	
5640	SBC20CE044	SARANYA S	
5641	SBC20CE045	SHAROOKHAN S	Absent
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	
5647	LSBC20CE051	ASLUM ASHRAF	Absent
5648	LSBC20CE052	MEERA KRISHNAN	Absent
5649	LSBC20CE053	NIDHIN KRISHNA N	Absent
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	
5652	LSBC20CE056	VIDYA V NAIR	

Criterion 2

2.3 Teaching – Learning Process

Tutorial – I

Topic: Analysis of Trusses by Method of Joints

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER B.TECH DEGREE (2020-2024 BATCH)

TUTORIAL CLASS

ROLL NO	REG NO	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	
5602	SBC20CE002	ABHIJITH M NAIR	
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	
5606	SBC20CE006	ADITHYA U R	
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	
5609	SBC20CE009	AKASH S RAJ	
5610	SBC20CE010	AKHIL SUNILKUMAR	
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	

Criterion 2

2.3 Teaching – Learning Process

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER B.TECH DEGREE (2020-2024 BATCH)

TUTORIAL CLASS

ROLL NO	REG NO	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	
5639	SBC20CE043	RUPIKA M	
5640	SBC20CE044	SARANYA S	
5641	SBC20CE045	SHAROOKHAN S	
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	
5647	LSBC20CE051	ASLUM ASHRAF	
5648	LSBC20CE052	MEERA KRISHNAN	
5649	LSBC20CE053	NIDHIN KRISHNA N	
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	
5652	LSBC20CE056	VIDYA V NAIR	

Criterion 2

2.3 Teaching – Learning Process

'5

Tutorial – II

Topic: Analysis of beams by Unit load method

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
DEPARTMENT OF CIVIL ENGINEERING
V SEMESTER B.TECH DEGREE (2020-2024 BATCH)
TUTORIAL CLASS 2

ROLL NO	REG NO	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	
5602	SBC20CE002	ABHIJITH M NAIR	
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	A
5606	SBC20CE006	ADITHYA U R	
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	A
5609	SBC20CE009	AKASH S RAJ	
5610	SBC20CE010	AKHIL SUNILKUMAR	
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	
5613	SBC20CE013	ALAN V ROY	
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	
5626	SBC20CE027	ATHUL MOHAN	

Ashok Mathew

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER B.TECH DEGREE (2020-2024 BATCH)

TUTORIAL CLASS 2

ROLL NO	REG NO	NAME	SIGNATURE
5627	SBC20CE028	DEVAKRISHNA G S	
5628	SBC20CE031	GAYATHRI P	
5629	SBC20CE032	HARIGOVIND U J	
5630	SBC20CE033	HARITHA C	
5631	SBC20CE034	HAZEL SEENA MATHEW	
5632	SBC20CE035	JISHNU M	
5633	SBC20CE036	KALADEVI S	
5634	SBC20CE038	MRITHUNJAYAN V	
5635	SBC20CE039	PRIYALEKSHMI A	
5636	SBC20CE040	RADHU R	
5637	SBC20CE041	RITHWIK SREECHAND R	
5638	SBC20CE042	R MANAS	
5639	SBC20CE043	RUPIKA M	
5640	SBC20CE044	SARANYA S	
5641	SBC20CE045	SHAROOKHAN S	
5642	SBC20CE046	SOORAJ S	
5643	SBC20CE047	SREEPADMA J	
5644	SBC20CE048	VAISHNAV SHIBU	
5645	SBC20CE049	VINDUJA B VIJAYAN	
5646	SBC20CE050	VYSAKH V	
5647	LSBC20CE051	ASLUM ASHRAF	
5648	LSBC20CE052	MEERA KRISHNAN	
5649	LSBC20CE053	NIDHIN KRISHNA N	A
5650	LSBC20CE054	PARVATHY MOHAN	
5651	LSBC20CE055	PRINCE R	A
5652	LSBC20CE056	VIDYA V NAIR	

Criterion 2

2.3 Teaching – Learning Process

27

Tutorial – III

Topic: Analysis of beams by Consistant-Deformation method

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER B.TECH DEGREE (2020-2024 BATCH)

TUTORIAL CLASS   3

ROLL NO	REG NO	NAME	SIGNATURE
5601	SBC20CE001	AARCHA LAKSHMI S	
5602	SBC20CE002	ABHIJITH M NAIR	A
5603	SBC20CE003	ABHISANKAR A R	
5604	SBC20CE004	ABHISHEK M	
5605	SBC20CE005	ABHISHEK S	
5606	SBC20CE006	ADITHYA U R	A
5607	SBC20CE007	AISWARYA MOHAN	
5608	SBC20CE008	AKASH MANOJ	
5609	SBC20CE009	AKASH S RAJ	A
5610	SBC20CE010	AKHIL SUNILKUMAR	A
5611	SBC20CE011	AKSHAYA R SUBHASH	
5612	SBC20CE012	ALAN C VARGHESE	A
5613	SBC20CE013	ALAN V ROY	A
5614	SBC20CE014	AMEENA SALMA S	
5615	SBC20CE015	ANANDA GOPAL V	
5616	SBC20CE016	ANGEL JACOB	
5617	SBC20CE017	ANJALY RAJ	
5618	SBC20CE018	ANJITHA A	
5619	SBC20CE019	APARNA M	
5620	SBC20CE020	A R ANAND	
5621	SBC20CE021	ARATHI S NAIR	
5622	SBC20CE022	ARCHANA S	
5623	SBC20CE023	ARJUN R	
5624	SBC20CE024	ASHIKA S RAJAN	
5625	SBC20CE026	ASWIN NATH	A
5626	SBC20CE027	ATHUL MOHAN	A

Ashok Mathew

Criterion 2

2.3 Teaching – Learning Process

1

Discrete Mathematical Structures.

Sl.NO	Date	Topic	Faculty Sign	HOD
1.	30/9/22	Recurrence slo	Rakhi R	✓
2.	10/10/22	Generating fun.	Rakhi R	✓
3.	31/10/22	Hasse diagram	Rakhi R	✓

DATA STRUCTURES

Sl.no	Date	Topic	Faculty	HOD
1.	24/9/2022	Time & space complexity Calculation	Supriya.L.p	✓
2.	27/9/2022	problems on sorting methods	Supriya.L.p.	✓
3.	6/10/2022	Problems on polished notation & expression evaluation.	Supriya.L.p.	✓
4.	10/10/2022	Problems on queue operation	Supriya.L.p	✓
5.	20/10/2022	Simulation of linked list (Insertion & Deletion)	Supriya.L.p.	✓

Criterion 2

2.3 Teaching – Learning Process

LOGIC SYSTEM DESIGN

Sl.No.	Date	Topic	Faculty Sign	HOD Sign
1.	20/9/2022	Number System Conversion	Soumya Murali	
2.	29/9/2022	1's & 2's Complement addition	Soumya Murali	
3.	12/10/2022	K-map - 3 Variable	Soumya Murali	
4.	17/10/2022	K-map - 4 Variable	Soumya Murali	
5.	18/10/2022	K-map - 5 Variable	Soumya Murali	
6.	21/10/2022	Module II - Revision	Soumya Murali	

OBJECT ORIENTED PROGRAMMING USING JAVA

Sl.No.	Date	Topic	Faculty	HOD
1.	6/10	Simple java programs	Jyothi·B.	
2.	20/9	class concept with Eg.	Jyothi·B	
3.	28/10	Inheritance with super keyword	Jyothi·B	
4	2/11	Revision on java programs	Jyothi·B.	

Criterion 2

2.3 Teaching – Learning Process

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (2021-2025)
SEMESTER IV

SEMESTER IV

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT	Pg No
A	MAT 216	MATHEMATICAL FOUNDATION FOR MACHINE LEARNING	3-1-0	4	4	11
B	CST 202	COMPUTER ORGANISATION AND ARCHITECTURE	3-1-0	4	4	13
C	CST 204	DATABASE MANAGEMENT SYSTEMS	3-1-0	4	4	15
D	CST 206	OPERATING SYSTEMS	3-1-0	4	4	17
E (1/2)	EST 200	DESIGN & ENGINEERING	2-0-0	2	2	
	HUT 200	PROFESSIONAL ETHICS	2-0-0	2	2	
F	MCN 202	CONSTITUTION OF INDIA	2-0-0	2	--	
S	AIL 202	DATABASE MANAGEMENT SYSTEMS LAB	0-0-3	3	2	
T	CSL204	OPERATING SYSTEMS LAB	0-0-3	3	2	
R/M/ H	VAC	Remedial/Minor/Honours course	3-1-0	4	4	
		TOTAL		26*	22/26	

* Excluding Hours to be engaged for Remedial/Minor/Honours course.

Criterion 2

2.3 Teaching – Learning Process

Mathematical Foundations of Machine Learning

Sl.no	Date	Topic	Faculty	HOD
1	14/3/23	Solution of equations	Divya Suresh	
2	28/3/23	Eigen values & vector	Divya Suresh	
3	5/4/23	Taylor series & Thm	Divya Suresh	
4	18/4/23	Probability Distribu..	Divya Suresh	
5	2/5/23	LPP & Simplex Method	Divya Suresh	

Computer Organization and Architecture

Sl.no	Date	Topic	Faculty	HOD
1	17/4/2023	Addressing modes, Instructions & instruction Sequencing Basic processing unit	Chinraw-H.S	
2.	5/6/2023	Design of shifter. Microoperations, Array multiplier (mod 3) Mapping functions (mod 5)	Chinraw-M S	
3.	8/6/23.	Straight line sequencing (mod 1) Direct memory Access (mod 5) Sequential circuit multiplier (mod 3)		

Criterion 2

2.3 Teaching – Learning Process

Database Management Systems.

Sl no	Date	Topic	Faculty	HOD
1	09.03.2023	ER Diagram	Dr. Ayesh F	
2.	16.03.2023	Relational Schema	Dr. Ayesh F	
3.	23.03.2023	Relational Algebra	Dr. Ayesh F	
4.	30.03.2023	Trigger	Dr. Ayesh F	
5.	01.06.2023	Functional Dependency	Dr. Ayesh F	
6.	08.06.2023	Normalization	Dr. Ayesh F	

Operating Systems.

Sl no	Date	Topic	Faculty	HOD
1	9.03.2023	E R Diagram	Dr. Ayesh F	
2.	16.08.			
1.	10.3.23	Scheduling algorithms	Anja Viscom	
2.	3.4.23	Bankers algorithm	Anja Viscom	
3.	10.4.23	Page replacement algorithms	Anja Viscom	

Criterion 2

2.3 Teaching – Learning Process

FORMAL LANGUAGES AND AUTOMATA THEORY

Sl.no	Date	Topic	faculty	HOD
1	9·8·2023	DFA		
2.	19·9·2023	NFA		
3.	8·10·2023	Minimization of DFA		
4	17·10·2023	Regular Language		
5	4·11·2023	CFG		
6	14·11·2023	FM PDA		
7.	21·11·2023	TM.		

CST 303: COMPUTER NETWORK.

Sl.no	Date	Topic	Faculty	HOD
1	23/08/23	Encoding schemes	Parvathy S. kurup.	
2	4/09/23	CRC, checksum		
3	5/09/23	Bit stuffing		
4	5/10/23	Hamming Code		
5	13/10/23	Dijkstra's Algorithm		
6	16/10/23	Distance vector Routing		
7	16/11/23	IPV_4 Addressing & subnetting		

Criterion 2

2.3 Teaching – Learning Process

INTRODUCTION TO MACHINE LEARNING

	Date	Topic	Faculty	HoD
1	21/8/2023	Hypothesis class	Geethu M Suresh	
2	4/9/2023	Dimensionality Red^n	Geethu M Suresh	
3	18/9/2023	PCA	Geethu M Suresh	
4	25/9/2023	Regression.	Geethu M Suresh	
5	30/10/2023	Naive Bayes	Geethu M Suresh	
6	6/11/2023	Decision Tree	Geethu M Suresh	
7	13/11/2023.	ID3	Geethu M Suresh	
8	20/11/2023	K-means clustering	Geethu M Suresh	
9	4/12/2023	SVM	Geethu M Suresh	

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

	Date	Topic	Faculty	HoD
1	24/8/23	8 puzzle	Jninu	
2	4/9/23	BFS, DFS	Jninu	
3	26/9/23	A*, BFS	Jninu	
4	27/9/23	MIN MAX	Jninu	
5	5/10/23	Alpha Beta	Jninu	
6	7/10/23	Crypt Arithmetic	Jninu	
7	21/11/23	CSP	Jninu	
8	1/12/23	Proopositional & Predicate logic.	Jninu	

Criterion 2

2.3 Teaching – Learning Process

Date: 19/9/22
Time: 7ᵗʰ hr 1

Subject Name: ECT 205 Network Theory
Faculty-in-charge: Jasmin Basheer

Roll No:	Name of the Student	Signature
3301	Abhinav. Suresh	Abhinav
02	Aliya Shereef	An
03	Amritha. M. Nair	An
04	Anjali. B	Anj
05	Ano Maria Simon	Ann
06	ANURAJ S	An
07	Aravind -J	A
08	← ABSENT	
09	Athiesa Unni	Athi
10	Avanthika Pramod	Avan
11	Gowri. Asok	Gowri
12	J. Devanarayanan	Devu
13	Jithro Raj. N	JRN
14	K. Kannan Pillai	KP
15	Praveena. D	Prathe
16	Rohith. U	Rohith
17	SANDRA SAJI	San
18	Sreeparvathy. C	Sepaw
19	Stephy. Susan. Brijit	Stephy
20	Sumi. M	Sum
21	Varghese. K. Churian	V
22	Vishnu. U	V
23	← ABSENT	

Absentees: 08, 23

11/10/22

19/9/22 Jasmin Basheer
Signature of Faculty-in-charge

Details of Topics covered:

Problems on mesh analysis

Criterion 2

2.3 Teaching – Learning Process

4/9/23
7th hour
57

Course Code & Name: Control Systems
Faculty: Ms Jasmin Basheer.

Sl.No.	Name	Signature
1.	Aliya. Shereef	
2.	Amritha. M. Nair	
3.	Anjal. B	
4.	Amm. Maria	
5.	Anuraj	
6.	Aravind	
7.	Athira.	
8.	Avanthika.	
9.	Gouri	
10.	Kannan	
11.	Praveena	
12.	Rohith	
13.	Sandra	
14.	Sree Parvathy	
15.	Varghese	
16.	Vishnu.	

4/9/23 Jasmin Basheer

Topic: Force Voltage and Force current analogy.

Semester - 6

8|2|2024
3rd hr.

Course Name & Code : ECT302, Electromagnetics.
Faculty : Ms. Chinchu S.

Sl. No.	Name	Sign
1	Abhinav Suresh	
2	Aliza Shareef	
3	Amritha. M. Nair	
4	Anjali. B	Anjali
5	Ann Maria Simon	
6	Anuraj S	
7	Aravind. J	
8	Aswin. R	
9	Athira Unni	
10	Aranthika Pramod	
11	Gouri	
12	J. Devanarayanan	
13	Jithu Raj. N	
14	K. Kannan Pillai	KP
15	Praveena. D	
16	Rohith. G.	
17	Sandra Saji	
18	Sree Parvathy. C	
19	Stephy. Bajit	
20	Sumi. M	
21	Varghese Cheriyan	VVC
22	Vishnu	
23	Yew Nath MP	

Topics : Coulombs law problems.
8|2|24

MAT 101 : LINEAR ALGEBRA & CALCULUS   AY: 2022-23 (ODD)

1

SL.NO.	Date	Course code	Class	Topic Covered	Faculty Name & Sign.
1	26/10/22	MAT101	4th hr	Gauss elimination	Rakhi R
2	03/11/22	''	5th	Diagonalisation	RAKHI R
3	09/11/22	''	2nd	Quadratic forms	Rakhi Rajev
4	21/11/22	''	5th	Partial Derivatives	Rakhi R
5	28/11/22	''	5th	Chain rule	Rakhi R
6	6/1/23	''	7th	Double integration	Rakhi R
7	16/1/23	''	5th	Convergence of series	Rakhi R

EST 100 : ENGINEERING MECHANICS

5

SL.NO	Date	Course Code	Class	Topic	Faculty Name & SD
1	27/10/22	EST-100	4th	Concurrent force system	Anil Kumar.A.V
2	3/11/22	EST-100	4th	Non-Concurrent force system	Anil Kumar.A.V
3	17/11/22	EST-100	4th	Equilibrium FBD	Anil Kumar.A.V
4	24/11/22	EST-100	4th	Beam Reaction	Anil Kumar A.V
5	2/12/22	EST-100	4th	Friction - Ladder wedge	Anil Kumar A.V
6	8/12/22	''	''	Centroid of Composite	Anil Kumar.A.V
7	15/12/22	''	''	Moment of inertia	Anil Kumar.A.V
8	5/1/22	''	''	lift motion connected body	Anil Kumar.A.V
9	12/1/22	''	''	motion of rigid body	Anil Kumar A.V
10	19/1/22	''	''	Simple Harmonic motion	Anil Kumar A.V

Criterion 2

2.3 Teaching – Learning Process

CYT100 : ENGINEERING CHEMISTRY

9

SlNo	Date	Course Code	Class	Topic Covered	Faculty Name & Sign.
01	26/10/22	CYT100	ME-1	Numericals - Nernst eqn	Raje Sankar
02	28/10/22	CYT100	ME1	Numericals - PH & K	Raje Sankar
03	18/11/22	CYT100	ME1	Appen Qovel Ans discussion	Raje Sankar
04	22/11/22	CYT100	ME1	Numericals - Hardness	Raje Sankar
05	24/11/22	CYT100	ME1	Numericals - EDTA process	Raje Sankar
06	06/12/22	CYT100	ME-1	Numericals - BOD & COD	Raje Sankar
07	09/12/22	CYT100	ME1	Revision (Mod 1 & V)	Raje Sankar
08	15/12/22	CYT100	ME1	Beer Lamberts law Numericals	Raje Sankar
09	21/12/22	CYT100	ME1	Numericals - IR Specta	Raje Sankar
10	05/01/23	CYT100	ME1	Low resoln nmr specta	Raje Sankar
11	10/01/23	CYT100	ME1	High resoln nmr specta	Raje Sankar

MAT 102:

11

SlNo	Date	Topic Covered	Faculty Name	Sign.
1.	31/3/	Homo: & non homo:	SALINI. C.G	
2.	12/4/	Fourier transform	SALINI. C.G	
3.	7/6/	Fourier transform	SALINI. C.G	
4.	8/6/	Fourier integral	SALINI. C.G	
5.	9/6/	F.T.	SALINI. C.G	
6.	5/7/	Scalar potential	SALINI. C.G	

Criterion 2

2.3 Teaching – Learning Process

PHT 110 : ENGINEERING PHYSICS

13

Si No	Date	Topic Covered	Name of faculty	Sgn
1	10/4/2023	Problems – Waves & Oscillation	Anju.B.I	
2.	8/6/2023	Problems – Diffractions	Anju.B.I	

EST 110 : ENGINEERING GRAPHICS

15

SiNo	Date	Topic Covered	Name of faculty	Sgn
1	21/3	Line Rotation method	Vaisakh P	
2	29/3	Plane Rotation method	Vaisakh P	
3	4/4	Today given Problems	Vaisakh P	
4	8/6	Solid double inclination	Vaisakh B	
5	11/7	Sections of Solids	Vaisakh B	

EST 102 : Programming in C

17

SiNo	Date	Topic Covered	Faculty	Sgn
1.	20/3	Algorithm & flowchart	Arya Raj.S	
2.	11/4	C programs	Arya Raj.S	

Criterion 2

2.3 Teaching – Learning Process

FTT201: Principles Tutorial Sheet 1
of Chemical Engineering

Date : 19/09/22
Venue : FT3 class room

Roll No:	Name	Signature
3801	Aaron B Thomas	
3802	Abhinav P	Abhi..
03	Aiswarya S	Aiswarya.
04	Amay Karthik S	Amay
05	A Mohammed Aslam	ABSENT
06	Arathi Ashok	Arathi
07	Arathi Govind T	A.
08	Aswathy Suresh	
09	Athul J	Athul
10	Basila Basheer	Basila
11	Lekshmi Myrukesh	Lekshmi
12	Nandana Shaji	
13	Nandana YS	
14	Prathyesh S	
15	Ragendhu R	Ragendu

Ms. Shammamol G.K

6

Q1: The flow rate of water, through a pipe is reported as 15 ft³/min. Taking density of water as 1 g/cm³. Calculate mass flow rate in kg/s?

Q2: The weight of an object is 300N at a location where the acceleration due to gravity is 9.81 m/s².

1) determine the mass of the object in kg.
2) Deteremine the mass in FPS System.

11

Tutorial sheet-2
FTT201: Principles of chemical Engineering

Date   : 11/10/22
period   : 4th & 7th

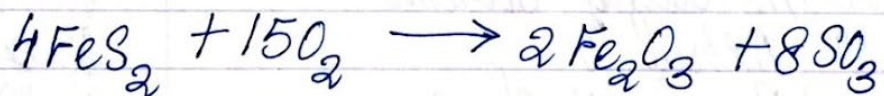| Roll No:	Name	Signature
3801	Aaron B Thomas	
02	Abhinav P	
03	Aiswarya S	
04	Amey karthik S	
05	A Mohammed Aslam	
06	Arathi Ashok	
07	Arathi Govind T	
08	Aswathy Suresh	
09	Athul J	
10	Basil Basheer	
11	hekshmi Murukesh	
12	Nandana Shaji	
13	Nandana Y S	
14	Prathyush S	
15	Ragendhu R	

Ms Shammamol G.K

8

Q1: The effective heat Capacity of a mixture of gases is given by $C_p = 7.13 + 0.577 \times 10^{-3} T + 0.0248 \times 10^{-6} T^2$ where C_p is in Btu/lbmol and T is in °F.

a) What are the units of constants in the equation.

b) Change the eqn into the form in which C_p is given in kJ/kmol k and temperature is in K.

Q2: SO_3 gas is obtained by the combustion of iron pyrates (FeS_2) according to the following reaction

$$4FeS_2 + 15O_2 \longrightarrow 2Fe_2O_3 + 8SO_3$$

a) How many kilograms of pyrites are burned to obtain 100 kg of SO_3?

b) How many kilograms of O_2 are consumed in the production of 50 kg of SO_3?

SEMESTER - 04

19

Tutorial - 01

FTT202 - Fundamentals of Heat & Mass Transfer　　　06/03/23

Name of the faculty : MS. Lekshmi R Babu

Topics Covered : Fourier's law, Problems on Thermal conductivity

S.No	Name	Signature
1	Aaron B Thomas	
2	Absent	
3	Aiswarya·S	
4	Amay Karthik ·S	
5	A. Mohammed Aslam	
6	Arathi Ashok	
7	Arathi Govind·T	
8	Aswathy Suresh	
9	ATHUL J	
10	Basila Basheer	
11	Lekshmi Mukkesh	
12	Nandana shoji	
13	Nandana vs	
14	Prathyush·S	
15	Ragendhu·R	

Sub: Mobile Computing.
Faculty: Arya Raj·S.

13

Sl.No.	Date	Hour	Topic	Sign of faculty	Sign of HoD
1.	16/2	7.	Applications of wireless LAN. Difference between infrastructure and adhoc based wireless n/ws.		
2.	9/3	1	Barker sequence - encoding and decoding steps.		
3.	29/3	5	Orthogonal system, FHSS & DSSS.		

Sub: Embedded Systems
Faculty: Dr Anju. J. Prakash

17

Sl No	Date	Hours	Topic	Sign	Sign of HoD
1	20/2	1	Computational Model		
2	23/2	1	Synchronization techniques		
3	8/3	1	EDLC		
4	28/3	2	AMRS		

Criterion 2

2.3 Teaching – Learning Process

Sub : INTERNET OF THINGS CST448

Faculty : ARUN KUMAR   19

Sl.No.	Date	Hours	Topic	Signature	Sign of HoD
1.	2/3/2023	2, 4	Smart Objects : Things in IoT. Sensors & Actuators		
2.	28/3/2023	2	Big Data Analytics		
3.	11/4/2023		Programming Raspberry Pi using Python : Switch, LED. LDR		

Criterion 2

2.3 Teaching – Learning Process

Sub:- CST A23

Faculty:- Cloud Computing

Arun Kumar

1

Sl No	Date	Hour	Topic	Sig: of faul	Sig of HOD
1.	22/9/2022	3	Cloud delivery model (Batch - A)		
2.	29/9/2022	3	Cloud delivery model (Batch - B)		
3.	6/10/2022	3	Types of virtualisation (Batch - A)		
4.	13/10/2022	3	Types of virtualization (Batch - B)		
5.	20/10/2022	3	Xen Case Study (Batch-A)		
6.	27/10/2022	3	Xen Case Study (Batch-B)		

Criterion 2

2.3 Teaching – Learning Process

Sub: CST 401 Artificial Intelligence.

Faculty: Dr. S.V. Annlin Jeba.　　　　3

Sl.No.	Date	Hour	Topic	Sig of faculty	sig of HOD
1.	22-9-2022	3	PEAS description (Batch I)		
2.	29-9-2022	3	PEAS description (Batch II)		
3.	6-10-2022	3	Dfs on binary tree (Batch I)		
4.	13-10-2022	3	Dfs on binary tree (Batch II)		
5.	20-10-2022	3	Alpha beta pruning (Batch I)		
6.	27-10-2022	3	Alpha beta pruning (Batch II)		
7.	3-11-2022	3	Problem on decision tree (Batch I)		
8.	17-11-2022	3	Problem on decision tree (Batch II)		

Code: MAT203　　Subject: Discrete Mathematical Structures　15

Sl No	Date	Topic	Faculty Signature	HoD
1.	4/10/23	Problems based on Module II	Ashar	
2	18/10/23	Problems based on Module IV	Ashar	
3	25/10/23	Problems based on Module III	Ashar	
4	4/11/23	Problems based on Module II	Ashar	
5	7/12/23	Problems based on Module II	Ashar	
6	8/12/23	Problems based on Module V	Ashar	

Criterion 2

2.3 Teaching – Learning Process