Table 2.3.1 Student centric method

ACADEMIC YEAR 2023-24

Subject used for Student centric methods					
Sl. NO	**Name of the Faculty**	**Experiential learning**	**Participative learning**	**Problem solving methodologies**	**ICT Tools (give link for Youtube and other resources**
1	T R Sangeeta		Electronic components familiarization, familiarization of microwave components, Fiber optics and antenna design, implementation of combinational & sequential logic	Soldering practices, Flipped class for Signals & Systems	
2	Saritha N R		Electronic components Familiarization, implementation of combinational & sequential logic	Soldering practices	
3	Hari S		Basic C Programming on arrays, functions, pointers, loops. Python programming, Design and simulation of analog integrated circuits, implementation of combinational & sequential logic	Flipped class on linear integrated circuits	
4	Pooja S Mohan		Implementation of digital signal processing algorithms, implementation of combinational & sequential logic	Flipped class for analog circuits, Logic Circuit Design, Digital signal processing	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
5	Jasmin Basheer		Basic Programming on 8051 and interfacing, Design and simulation of analog integrated circuits	Flipped class for Computer architecture and microcontrollers, Network Theory, control systems	
6	Chinchu S		Familiarization of microwave components, fiber optics and antenna design	Flipped class for Electromagnetics	
7	Pavitha P P	Latest trends in electronics & communication engineering like machine learning, embedded systems, image processing	Miniproject on Machine learning, Embedded systems,image processing, instrumentation etc		
8	Sabi S	Seminars and project presentations on latest trends in electronics communication engineering like in machine learning, embedded systems, image processing	Project on Machine learning, Embedded systems, image processing, Electric Vehicles etc, implementation of digital signal processing algorithms, design and simulation of analog circuits	Flipped class for information theory and coding	
9	Ambika Sekhar	Recent Trends in VLSI design	Design and simulation of digital modulation techniques and software-designed radio, Python Programming		

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
10	Anusree Lal	Jalashudhi mission	Environmental engineering lab for water testing, seminar pc, DHS	Flipped classes for design of hydraulic structures	
11	Sreelekshmi		Seminar		
12	Shobha Elizabeth Thomas			Flipped classes for design of concrete structures, DHS	
13	P Pradeep		Seminar in ACT		
14	Sooraj S		Talk on Affordable and Sustainable building technologies, seminar		
15	Namitha chandran		Familiarising Auto CAD		
16	Dr S V Annlin Jeba			DNS, Election algorithm, cuts in ditributed computation, maekawa voting algorithm	Youtube link, Classroom
17	Dhanya Sreedharan			Design of FA, Conversion from NFA to DFA, Pumping Lemma, Simplification of CFG, Conversion to CNF and GNF	Youtube Link
18	Arya Raj S		CPU scheduling, Paging Algorithm, Assemblers, Loaders, Linkers	SIC , SIC/XE programs, Hand assembly, Multipass assembler	
19	Reshmi S	DBMS Workshop	DBMS SQL Queries	ER Diagram design, SQL Query, Indexing ,Normal forms, Clustereing algorithms	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
20	Athira sankar	Object oriented programming using java,DBMS workshop	Basic Programming java, inheritence,event handling. Basic C Programming on arrays, functions, pointers, loops	Basic programs in java, Inheritance,basic sql queries	
21	Dr Anju J Prakash			Interfacing techniques	
22	Anju Viswam	Operating system	Complexity calculation of simple algorithms,Infix to postfix conversion,postfix expression evaluation,Hashing techniques. CPU scheduling,Bankers algorithm,Memory management,Page relplacement algorithms	Infix to Postfix conversion,Page relplacement algorithms,Disk scheduling algorithms	
23	Supriya L P			Solving recurrence equations,minimum spannign tree, floyds warshall algorithm, id3 algorithm,topics on artificial intelligence	Classroom 1, Classroom 2
24	Dhanunath R		Deadlock avoidance, memory management, CPU scheduling,disk scheduling, page replacement algorithm, IPC using shared memory	CPU scheduling, Bankers algorithm, Page replacement algorithm, Disk scheduling algorithms, "RSA algorithm, Diffie hellman key exchange algorithm"	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
25	Nineesha P	Object oriented programming using java	Basic Programming on java, inheritence,event handling etc, Basic C Programming on arrays, functions, pointers, loops etc	Basic Programs in C, java polymorphism	
26	Aswathy T			Number conversions, subtractors, Code Conversion, Numericals on Booths algorithm	
27	Divya M K		Time and space complexity ,Sorting techniques ,Industrial safety tools	Generating big O notations ,Illustration of sorting techniques	View Document, View Document, Youtube Link
28	Geethu M. Suresh	Feature Selection,Classification, Naive Bayes Classifier	Sentiment analysis	Familiarization of Weka Tool, Practical Application of Algorithm	
29	Minu Lalitha Mahavu	Paper Collage Related to green Technology ,Case Study on usage of plastics,Internet of Things	Space Shuttle Challenger Disaster	Searching Algorithms,Adversarial Searches	Classroom1, Classroom 2, Classroom 3, Classroom 4
30	Dr. Archana Rajendaran			Thermodynamics and heat transfer	
31	Dr.shilpaleks hmi L		Principles of Biochemistry (biochemistry lab)		
32	Ms. Rincy Susan Raju			Bioprocess engineering	
33	Dr.Shamnam ol G K			Kinetics - Numerical Problems related with reaction kinetics was done	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
34	Ms Athulya krishnan		Food preservation lab familiarization of different food processing and preservation techniques.	Post harvest physiology and spoilage in food(haccp,gmp, ghp different food mnufacturing protocols were discussed and learned .	
35	Ms Gopika Ajit		Engineering properties of food materials lab (by applying different experimental techniques students were able to determine various properties such as (viscosity, brusting strengh, mixing index) of different food samples	Fruits and vegetable processing (Processing technology for different fruit snd vegetable based products were discussed. For example ,(jam, jelly, saurkraut)	
36	Dr. Tamilmani Jayabalan			heat transfer conduction, lumped heat systems and dimensionless analysis in convection, Food Plant Layout and Design Layout, characteristics of an efficient layout HACCP and ISO. Process flow sheeting of Beverage plant CORELAP application in food processing plant layout general layout and design	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
37	T R Sangeeta		Electronic components Familiarization, Familiarization of microwave components, fiber optics and antenna design, implementation of combinational & sequential logic circuits	Soldering practices, Flipped class for Signals & Systems	
38	Saritha N R		Electonic components Familiarization, implementation of combinational & sequential logic circuits	Soldering practices	
39	Hari S		Basic C Programming on arrays, functions, pointers, loops etc, Python programming,Design and simulation of analog integrated circuits, implementation of combinational & sequential logic circuits	Flipped class on linear integrated circuits	
40	Kalpana ashokan	Non destructive testing	Advanced NDT		
41	Mr.Jinan S			Flipped class for Problem oriented subjects like Engineering Mechanics	

ACADEMIC YEAR 2022-23

Subject used for Student centric methods					
Sl. NO	**Name of the Faculty**	**Experiential learning**	**Participative learning**	**Problem solving methodologies**	**ICT Tools (give link for Youtube and other resources**
1	T R Sangeeta		Electonic components Familiarization, Familiarization of microwave components, fiber optics and antenna design	Soldering practices, Flipped class for Signals & Systems	
2	Saritha N R		Electonic components Familiarization, implementation of combinational & sequential logic circuits	Soldering practices	
3	Hari S	Machine learning based Robotics	Basic C Programming on arrays, functions, pointers, loops etc, implementation of combinational & sequential logic circuits		
4	Pooja S Mohan	FPGA System Design	Design and simulation of analog circuits, implementation of combinational & sequential logic circuits	Flipped class for analog circuits, Logic Circuit Design, Digital signal processing	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
5	Jasmin Basheer		Basic Programming on 8051 and interfacing, Design and simulation of analog integrated circuits	Flipped class for Computer architecture and microcontroller, Network Theory, linear integrated circuits	
6	Chinchu S		Design and simulation of digital modulation techniques and software-designed radio, Python Programming	Flipped class for Electromagnetic	
7	Pavitha P P	Seminars and project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing etc	Miniproject on Machine learning, Embedded systems,image processing, instrumentation etc		

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
8	Reeni Sara Thomas	Project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing etc	Project on Machine learning, Embedded systems, image processing, Electric Vehicles etc	Flipped class for information theory and coding	
9	Ambika Sekhar		Design and simulation of digital modulation techniques and software-designed radio, Python Programming		
10	Jayaraj V S		Implementation of digital signal processing algorithms	Flipped class for control systems	
11	Anusree Lal		Water quality testing		
12	Dr. S Shivsankar		Seminar on recent trends in structural engineering		
13	Unnikrishnan S	Civil workshop			
14	Cinaya Tony	Civil workshop	Seminar		

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
15	Namitha chandran	Revit and primavera workshop	Familiarising Auto CAD		
16	Aswathy lal			Flipped class for QSV	
17	Sooraj S		Webinar on sustainable construction and its need		
18	Ashok Mathew			Flipped class for DCS	
19	Shobha Elizabeth Thomas	Workshop on “mix design”	Testing on different types of materials	Flipped class for DCS	
20	Dr Annlin Jeba			DNS,Election algorithm, cuts in ditributed computation, maekawa voting algorithm	Youtube link, Classroom
21	Arya Raj S		CPU scheduling, Paging Algorithm, Assemblers, Loaders, Linkers	SIC , SIC/XE programs, Hand assembly, Multipass assembler	
22	Reshmi S	Familarisation of computer and networking, DBMS Workshop		ER Diagram design, SQL Query, Indexing ,Normal forms,	
23	Athira Sankar		C program, array, functions Pointers Files	Basic C programs	
24	Dr Anju J Prakash		MASM Familiarization, Interfacing stepper motor using 8086	Interfacing techniques, Converters	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
25	Supriya L P	Familarisation of computer and networking	Sorting Algorithms, Searching Algorithms,graph traversal, BST concepts	Solving recurrence equations,minimum spannign tree, floyds warshall algorithm,	Classroom 1, Classroom 2
26	Dhanunath R		Deadlock avoidance, memory management,	Infix to postfix conversion, Check the validity of an expression, stack operations,Big Oh calculation, Hasing -linear probing, CPU scheduling,Bankers algorithm,Memory management,Page relplacement algorithms,Disk scheduling algorithms	
27	Arunkumar	The future of iot, google COLAB			
28	Anju Viswam		CPU scheduling,disk scheduling, page replacement algorithm, IPC using shared memory	Page replacement algorithms,Disk scheduling algorithms	
29	Dr Anil A R			Clustering algorithm, Apriori algorithm	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
30	Minu Lalitha Madhavu	Introduction to Artificial Intelligence	Sustainable Engineering,Object Oriented Software Engineering		Classroom1, Classroom 2, Classroom 3, Classroom 4
31	Ms. Parvathi M A			Energy engineering	
32	Dr. Vji Chandran			Animal & plant cell technology	
33	Dr. Shamnamol G K			Principles of Chemical Engineering-Numerical Problems related with process calculation was done	
34	Vaisakh P S		Basic civil and Mechanical Engineering	Engineering Graphics	YouTube Link
35	Mr.Jinan S			Flipped class for Problem oriented subjects like Engineering Mechanics	

Subject used for Student centric methods					
Sl. NO	**Name of the Faculty**	**Experiential learning**	**Participative learning**	**Problem solving methodologies**	**ICT Tools (give link for Youtube and other resources**
1	T R Sangeeta		Electronic components Familiarization, implementation of combinational & sequential logic circuits	Soldering practices	
2	Saritha N R		Electronic components Familiarization, implementation of combinational & sequential logic circuits, Python Programming	Soldering practices	
3	Sabi S	Seminars and project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing	Project on Machine learning, Embedded systems, image processing, Electric Vehicles etc		
4	Pooja S Mohan		Design and simulation of analog circuits, implementation of digital signal processing algorithms	Flipped class for analog circuits, Logic Circuit Design, Digital signal processing	
5	Jasmin Basheer		Basic Programming on 8051 and interfacing	Computer architecture and microcontrollers, Network Theory, linear integrated circuits	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
6	Alex V		Implementation of combinational & sequential logic circuits		
7	Pavitha P P	Seminars and project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing etc	Miniproject on Machine learning, Embedded systems,image processing, instrumentation etc	Flipped class for Signals & Systems, information Theory and coding	
8	Reeni Sara Thomas	Project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing etc	Project on Machine learning, Embedded systems, image processing, Electric Vehicles etc		
9	Ambika Sekhar		Python Programming		
10	Jayaraj V S	Arduino Programming	Basic C Programming on arrays, functions, pointers, loops etc, implementation of combinational & sequential logic circuits, Design and simulation of analog IC	Flipped class for control systems	
11	Anu V S		Design of communication systems, Electonic components Familiarization	Soldering practices	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
12	Pradeep. P		Survey Lab		
13	Sreelekshmi S		Seminar, TRE lab		
14	Regi p mohan			Flipped class for GTE II	
15	Shobha Elizabeth Thomas	One day mix design workshop	Seminar for ACT,		
16	Sooraj S		Forensic Engineering Seminar		
17	Anusree Lal		Water testing lab works,Testing on materials		
18	Dr Annlin Jeba			Election algorithm, cuts in ditributed computation, maekawa voting algorithm	Youtube link, Classroom
19	Dr Ajesh F		Basic Programming on java, inheritence,event handling, polymorphism		
20	Arya Raj S		CPU scheduling, Paging Algorithm, Assemblers, Loaders, Linkers	SIC , SIC/XE programs, Hand assembly, Multipass assembler	
21	Dr Anju J Prakash			Interfacing techniques, converter	
22	Supriya L P		Sorting Algorithms, Searching Algorithms, graph traversal, BST concepts	Solving recurrence equations, minimum spanning tree, floyds warshall algorithm, matrix chain multiplication	Classroom 1, Classroom 2

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
23	Minu Lalitha Madhavu		Sustainable Engineering, Professional Ethics, Modern Computer Networks	Cryptography and Network security	Classroom1, Classroom 2, Classroom 3, Classroom 4
24	Dr. Jaya Mary Jacob		Enzyme Engineering and Technology (Biochemical Engineering Lab)		
25	Dr. Malu Ravi		Microbiology (Microbiology lab)		
26	Dr. Shamnamol G K		Bioprocess Plant Design and Safety		Classroom Link
27	Dr. Jaya Mary Jacob			Principles of Chemical Engineering- Numerical Problems	
28	Chama R Chandran	Hands on Training on Embedded C	Microprocessor, Microcontroller, Embedded C programs		
29	Kalpana Ashokan	NDT	Advanced NDT		
30	Vaisakh P S			Engineering Graphics	YouTube Link
31	Mr.Jinan S			Engineering Mechanics	

Subject used for Student centric methods					
Sl. NO	**Name of the Faculty**	**Experiential learning**	**Participative learning**	**Problem solving methodologies**	**ICT Tools (give link for Youtube and other resources**
1	Saritha N R	Digital System design using FPGA	Electronic components Familiarization, implementation of combinational & sequential logic circuits	Soldering practices	
2	Sabi S	Seminars and project presentations on latest trends in electronics & communication engineering like machine learning, embedded systems	Project on Machine learning, Embedded systems, image processing, instrumentation	Flipped class for Electromagnetics	
3	Pooja S Mohan		Digital signal processing algorithms, implementation of combinational & sequential logic circuits	Flipped class for signals and systems, Logic Circuit Design, Digital signal processing	
4	Jasmin Basheer		Programming on 8051 and interfacing	Computer architecture and microcontrollers, Network Theory	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
5	Alex V		Design of communication systems and power electronic systems		
6	Pavitha P P	Seminars and project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing		Flipped class for information Theory and coding	
7	Ambika Sekhar		Basic Programming on 8051 and interfacing, implementation of communication systems		
8	Jayaraj V S	Arduino Programming, Python for microcontrollers	Python Programming, Basic C Programming on arrays, functions.	Flipped class for control systems	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
9	Anu V S		Design and simulation analog circuits, communication systems, implementation of combinational & sequential logic circuits,	Soldering practices, Flipped class for analog circuits	
10	Anusree Lal	Civil Workshop	Water testing lab works		
11	Namitha Chandran	Workshop on revit architecture and 3DS max	CADD Lab		
12	Sreelekshmi S	Civil Workshop			
13	Unnikrishnan S		Webinar on “Transportation systems modelling		
14	Cinaya Tony			Fluid Mechanics and hydraulics	
15	Dr S V Annlin Jeba			Election algorithm, cuts in distributed computation, maekawa voting algorithm	Youtube link, Classroom
16	Dr Anil AR	Data Analytics		Apriori algorithm, classification algorithm	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
17	Dr Ajesh F			ER Diagram design, SQL Query, Indexing, Normal forms problems	
18	Arya Raj S			SIC, SIC/XE programs, Hand assembly, Multipass assembler	
19	Dr Anju J Prakash	Cyber security, Digital image processing		Interfacing techniques, converters	
20	Supriya L P	Branch and bound	Sorting Algorithms, Searching Algorithms, graph traversal, BST concepts	Solving recurrence equations, minimum spanning tree, floyds warshall algorithm,	Classroom 1, Classroom 2
21	Dhanya Sreedharan			Design of FA, Conversion from NFA to DFA, Pumping Lemma, Simplification of CFG	Youtube Link
22	Arun Kumar	Computer and Hardware familiarisation	Basic programming in C		
23	Ms. Rincy Susan Raju		Bioinformatics, Disaster Management		

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
24	Dr. Shamnamol G K		Bioprocess Plant Design and Safety		Classroom Link
25	Ms. Anju Raj		Mass Transfer Operations (Heat and Mass Transfer Operations Lab- Leaching, Extraction, Distillation was learned from practical's)		
26	Ms. Lekshmi R Babu		Bioprocess Heat Transfer	Tutorial was conducted for solving the problems of conduction, convection	
27	Dr. Shamnamol G K		Fluid Flow and Particle Technology Lab	Packed bed experiment video	View Document
28	Athira B	Power System Security: Internet of Things	Transformer testing, earth test, relay operation		
29	Vaisakh P S			Engineering Graphics	YouTube Link
30	Mr.Jinan S			Flipped class for Problem oriented subjects like Engineering Mechanics	

Subject used for Student centric methods					
Sl. NO	**Name of the Faculty**	**Experiential learning**	**Participative learning**	**Problem solving methodologies**	**ICT Tools (give link for Youtube and other resources**
1	Saritha N R		Electronic components Familiarization, Basic Programming on 8051 and interfacing, implementation of combinational & sequential logic circuits	Soldering practices	
2	Sabi S	latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing	Project on Machine learning, Embedded systems, image processing, instrumentation	Flipped class for Electromagnetics	
3	Pooja S Mohan		Digital signal processing algorithms, basic 8051 programming and interfacing	Flipped class for Digital signal processing	
4	Jasmin Basheer		Electronic components Familiarization	analog integrated circuits, Network Theory	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
5	Alex V		Design of power electronic systems, implementation of combinational & sequential logic circuits		
6	Pavitha P P	Seminars and project presentations on latest trends in electronics & communication engineering like in machine learning, embedded systems, image processing		Flipped class for information Theory and coding	
7	Ambika Sekhar		Implementation of communication systems, combinational & sequential electronic circuits		
8	Jayaraj V S		Python Programming, implementation of analog integrated circuits	Flipped class for control systems	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
9	Anu V S		Design of communication systems, implementation of combinational & sequential logic circuits, Electronic components Familiarization	Soldering practices	
10	Vishnu V S		Implementation of combinational & sequential logic circuits, communication systems		
11	Arun C S		Basic C Programming on arrays, functions, pointers, loops		
12	Dr. R Gopakumar		Webinar on spillways and energy dissipators		
13	Meera G Mohan		Webinar on sludge treatment and disposal		
14	Anusree Lal	Civil workshop			

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
15	Unnikrishnan S	Civil workshop			
16	Namitha Chandran	Workshop on Revit	Seminar for M.Tech in wall framed structures		
17	Ashok Mathew		Talk on fundamentals of structural analysis		
18	Shobha Elizabeth Thomas				View Document
19	Shobha Elizabeth				View Document
20	Regi P Mohan		Geotechnical Lab, Webinar on leading and controlling		
21	Dr Annlin Jeba			DNS,Election algorithm, cuts in distributed computation, Maekawa voting algorithm	Youtube link, Classroom
22	Arya Raj S			SIC, SIC/XE programs, Hand assembly, Multipass assembler	

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
23	Dr Anju J Prakash			Interfacing techniques, Converters	
24	Supriya L P		Sorting Algorithms, Searching Algorithms,	Solving recurrence equations, minimum spanning tree, floyds warshall algorithm	Classroom 1, Classroom 2
25	Dhanya Sreedharan			Design of Finite Automata, Conversion from NFA to DFA, pumping Lemma, simplification of CFG	Youtube Link
26	Reshmi S			DBMS	
27	Minu Lalitha Madhav			Number conversion, sequential and combinational circuits, Elliptic curve algorithm, RSA,	Classroom1, Classroom 2, Classroom 3, Classroom 4
28	Mr. Vaisakh P S			Engineering Graphics	YouTube Link

Sl. NO	Name of the Faculty	Experiential learning	Participative learning	Problem solving methodologies	ICT Tools (give link for Youtube and other resources
28	Prof. Meera Bai S		Fluid Flow and Particle Technology (Fluid Flow and Particle Technology Lab) Flow measuring instruments, pressure drop in packed bed, fluidised bed		
29	Dr. Shamnamol G K		Process Dynamics and Control Reaction Engineering and Process Control Lab) Dynamics of First order second order systems		
30	Ms. Lekshmi R Babu		Downstream Processing (Downstream Processing Lab)- Cell disruption, Flocculation topics	KRISHNA KUMAR KOMALANGAN Digitally signed by KRISHNA KUMAR KOMALANGAN Date: 2024.07.17 14:16:03 +05'30'	
32	Mr.Jinan S			Engineering Mechanics	