



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society, Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai,
Accredited by NAAC with 'A' grade and NBA for programs applied,
Recognized by UGC with 2(I) & 12(B) status)
363, Arcot Road, Kodambakkam, Chennai – 600 024, Tamil Nadu, India



2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

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Prepared by

Verified by

Principal



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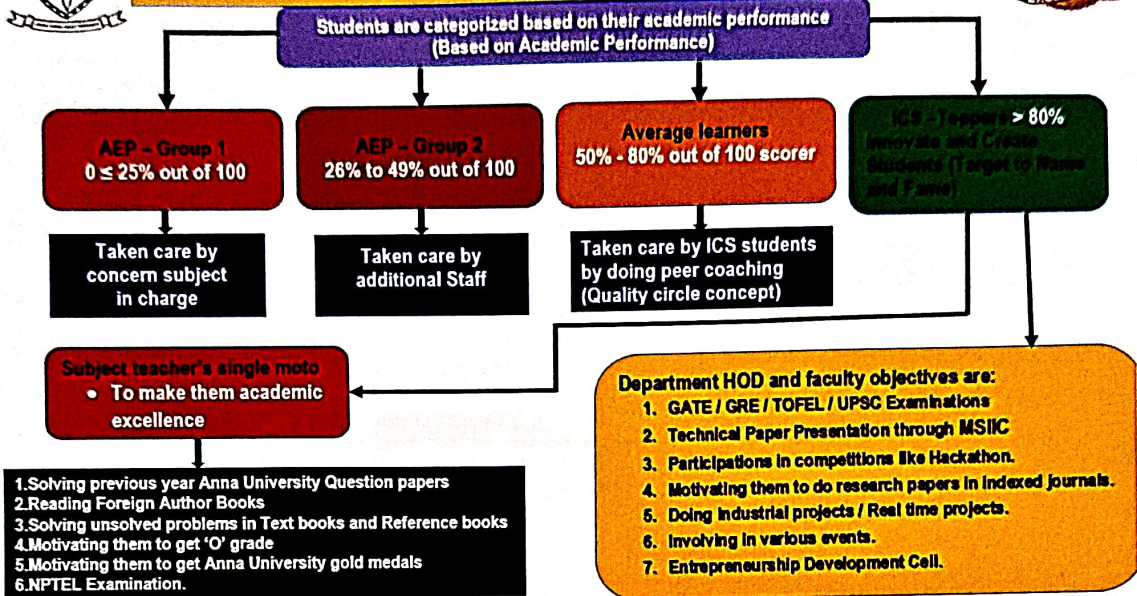


1.0 Policy for Advanced and Slow Learners



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Academic Excellence Program (AEP) & Innovative Creative Students (ICS) Process



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2.0 Activities for Advanced Learners (Innovative Creative Students)

Department of EEE

Advanced Learners Name List - 2022-2023

S.NO	II YEAR	III YEAR	IV YEAR
1	AMREEN A R	Abirami N S	A.Afra Taj
2	ANUSHRI S	Haritha M	J. Joshna
3	ARVIND C	Kaviya B	Devaguru.G
4	BHARATH S	Lakshminarasimman .S	V.Rama Subramanian
5	DHARINI T	Rathna Kumar.S	E.Mithya
6	KRISHNA PRIYA S	Sharmila E	Swetha.U
7	MADHAN A	Shreya Vijaykumar	Raja. V
8	POOJASHREE S	Srinidhi Rao T P	R.Rithisha
9	PRECIOUS RIKSHY S	Suganeshwar. A	M.Saravana Kumar
10	SNEHA K	Thanujaa Sree B	Sanjay. A
11	SUBHASHINI M	Vikram Srikanth R	
12	SUPRAJA R		
13	VIJAYALAKSHMI A K		
14	VIDHULA P		


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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE, CHENNAI-24				
DEPARTMENT OF EEE				
INNOVATIVE CREATIVE STUDENT WORK SCHEDULE (Advanced Learners)				
BATCH :2021-2025		YEAR/SEM:III/VI		
ACADEMIC YEAR:2023-2024				
S.NO	DATE	ICS Groups	Task	Subject
1	13.03.24	Group 1	assignment -Explained with neat block diagram the typical excitation system and its modelling with relevant transfer function (2016 University QP)	Power System Operation Control
		Group 2	Numerical on IDMT relay. from the book fundamentals of power system protection by Y G Paithankar	Protection and Switchgear
		Group 1,2,3	1. Design a PV System for Telecommunication System for day autonomy for 2 weeks. 2. Design a 1 KW PV array for Domestic Application	Power Electronics for Renewable Energy System
2	19.03.24	Group 1	Problems in Magnetic circuit Analysis from previous question paper	Special Electrical Machines
		Group 2	Previous year QP/ NPTEL Assignment	Smart System Automation

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		Group 3	NPTEL Assignment	Power System Operation Control
3	27.03.24	Group 1	Previous year QP/ NPTEL Assignment	Protection and Switchgear
		Group 2	Matlab simulation of any one type of Renewable energy sources	Power Electronics for Renewable Energy System
		Group 3	Previous year QP/ NPTEL Assignment	Smart System Automation
4	04.04.24	Group 1	Literature Review - 10 Journal paper reading on a specific domain.(Students Interest)	Review once in 2 days
		Group 2		
		Group 3		
5	12.04.24	Group 1,2,3	Conference Paper - Rough draft submission	Review once in 2 days
6	17.4.24	Group 1,2,3	Paper submission to reputed Conference - final	Review once in 2 days

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE					
DEPARTMENT OF EEE					
ICS - WORKPLAN/GUIDELINES					
Note:					
1. ICS students can be divided into 2 groups.					
2. Weekly/Fortnight tasks may be assigned to students.					
3. ICS students may utilize Library hour / Revision Hour (If required) for preparation.					
4. Discussion / Knowledge Transfer to other students may be done during Revision Hour / Class hour(subjectwise) / Lab Hour					
5. Minimum time per week during lunch break the academic/IIC co-ordinator and HOD should motivate the students and monitor the status					
6. The student should be encouraged constantly by subject staff and HOD to get 'O' grade and University rank					
S.NO	DAY	DATE	ICS Groups	Task	Status



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1	TUESDAY	19.3.24	GROUP 1	LIBRARY ENTRY-EXIT COUNTER PROJECT	FINISHED PRODUCT WILL BE PLACED IN LIBRARY.TARGET DATE: 8.4.24
			GROUP 2	DESIGN PROBLEMS IN THE TOPICS -INV. ,NON-INV., SUMMER FROM QUESTION BANK	Linear Integrated Circuits
2	Wednesday	20-03-2024	Group 1	Problem given on double circuit 3 phase transmission lines from the university QP	Transmission and Distribution
			Group 2	Preparing Answer for Previous year QP/ NPTEL assignment questions	Measurement and Instrumentation
3	TUESDAY	26.3.24	GROUP 1	V-I CONVERTER PROBLEM	Linear Integrated Circuits
			GROUP 2	UNIT 2 - PROBLEMS IN ALL THE TOPICS FROM UNIV QP	
3	Saturday	30-03-2024	Group 1	Assignment given on Various Methods of Synchronization	Electrical Machines -II
4			Group 2	Preparing Answer for Previous year QP/ NPTEL assignment questions	
5	Wednesday	17-04-2024	Group 1	Preparing Answer for Previous year QP/ NPTEL assignment questions	Microprocessor and Microcontroller
6			Group 2	Preparing Answer for Previous year QP/ NPTEL assignment questions	Transmission and Distribution
7	Saturday	27-04-2024	Group 1	Preparing Answer for Previous year QP/ NPTEL assignment questions	Measurement and Instrumentation
8			Group 2	Preparing Answer for Previous year QP/ NPTEL assignment questions	


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Department of Civil Engineering

S.N O	DATE	ICS Groups	Task	Work / Status	Date of Report Submissi on	Status	Question Paper Code	Textbook Referenc e	Staff Incharge Name
1	20/3/2 4	Group 1	Previous year QP	SOM	27/3/24	submitted	Question Paper Code 80062 April /May 2019	Strength of Materials by Rajput	Dr.T.Eswary devi
		Group 2	Previous year QP	SOIL		submitted	Question Paper Code 80083 April/May 2019	Soil Mechanic s and Foundatio ns Engineeri ng Dr P C Punmia	Dr.R.Arivazg han
		Group 3	Previous year QP	AH		submitted	Question Paper Code 80080 April/May 2019	Applied Hydraulic Engineeri ng by K Subraman ya - Chapter 3, Page	Dr.C.G Hemamalini



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2	30/3/24	Group 1	Previous year QP	EVS	17/4/24	submitted	Question Paper Code 21188 November December 2023	103, Problem 3.1	Mrs.Sreevidya
		Group 2	Previous year QP	HRE		submitted	Question Paper Code 71576 and 40803 April May 2017 and April May 2018	Environmental Science by Ravikiran Highway Engineering by Khanna and Justo Chapter 4 - Page number 92 and 112 - Problem	Mr.S.Saravanan
		Group 3	Previous year QP	CT		submitted	Question Paper Code 80081 November December 2019	Concrete Technology G.M.S shetty Chapter 3-	Mrs.G.Anbuneema

A

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3	24/4/24	Group 1	NPTEL Assignment	Extra Content related to current semester subjects (SOM,SOIL)	5-5-24	assigned	https://drive.google.com/drive/folders/1WmQ4M7pZgtWNU0SKsg7QeUI8ISZLVhc	page no 490 to 493	Dr.T.Eswary devi
		Group 2							Dr.R.Arivazghan
		Group 3							
4	24/5/24	Group 1	NPTEL Assignment	Extra Content related to current semester subjects (EVS,HRE)	7-6-24	assigned		Mrs.Sreevidya	
		Group 2						Mr.N.Ravikumar	
		Group 3							

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HEAT AND MASS TRANSFER
HEAT AND MASS TRANSFER
Lean Manufacturing
Lean Manufacturing
SUBJECT



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Department of Mechanical Engineering

III YEAR MECH	II YEAR MECH
LOURDH IRUDHAYA SELVAM T	AMIRDHA VARSHNI S
MUHAMMED YASDAN N A	ANANDA PADMANABAN M
SARAVANA PERUMAL K	JEFFREY JOE I
SARVESH V K	JANAKIRAMAN V
SOUJAY GHOSHAL	VENKATPRABHU R
SURYA V T	YUVARAJ B
ABUBUCKER SIDDIQUE S	MOHANA KRISHNA L
CHINNA THAMBY S	AANANTHI.S
NARESH KUMAR N S	SRIKANTH R
JEGAN S	JANANI KAVYA R
ABINASH E	DILLI GANESH N
AKASH R A	JAYABHARATHI R
HARIHARAN B	KARTHIKEYAN P
HEMACHANDRAN K	YUVANSHANKAR T
MUGHILAN R	RAGHUL KARTHIKEYAN G
POOJA B	
SANKAR V	
CHINNA THAMBY S	

III YEAR					
S.N O	DAY	DATE	ICS 2 Groups	Task	SUBJECT
1	Friday	15/3/2024	Group 1	1.What are the different stages of FMEA. 2.Explain the main contents of APQP.	Lean Manufacturing
2	Wednesday	14/3/24	Group 2	Analytical problems of Heat transfer(Condensation and Boiling) NPTEL	HEAT AND MASS TRANSFER ENGINEERING
3	Friday	25/3/24	Group 1	Analytical problems of Heat transfer(Heat Exchanger) Anna University	HEAT AND MASS TRANSFER MACHINES
4			Group 2	Six sigma implementation in Toyota Production	Lean Manufacturing



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				system (Anna University)	
5	Friday	29/4/2024	Group 1	Targeted University Questions	Renewable Powered Off Highroad Vehicles and Emission Control Technology
6			Group 2	Targeted University Questions	Renewable energy Technology

II YEAR					
S.NO	DAY	DATE	ICS Groups	Task	SUBJECT
1	Saturday	20.04.2024	Group 1	Super saturation flow through Nozzles - University Problems	THERMAL ENGINEERING
2			Group 2	Cam Profile	THEORY OF MACHINES
3	Saturday	04.05.2024	Group 1	ELASTIC CONSTANTS & THERMAL STRESSES	STRENGTH OF MATERIALS
4			Group 2	PREVIOUS YEAR UNIVERSITY IMPORTANT QUESTIONS	HYDRAULICS AND PNEUMATICS
5	Wednesday	14.05.2024	Group 1	University problems in Single stage impulse turbine velocity triangle	THERMAL ENGINEERING
6			Group 2	Cam Profile	THEORY OF MACHINES



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE					
DEPARTMENT OF INFORMATION TECHNOLOGY					
BATCH:2022-2026			SEM: IV		
S.No	Name of the student	Student Activities	HACKATHON STUDENT NAME LIST		
1	LAVANYA R	1. Working on web based project(YouTube home page clone) , Club activities (DevDynasty) 2. NPTEL Course Registered	Team Memebers	Team Name	Title
2	MATHAN KUMAR	1. Club activities (DevDynasty) 2. NPTEL Course Registered (DBMS, Introduction to AIML)	Priyadharshini U	Hack Mavericks	Tranquil Talk: Your AI Therapist
3	KAVITHA S	Club activities (DevDynasty)	Darshinii S		
4	SRINIVASAN.L	1. Club activities (DevDynasty) (Treasurer) & Project based on html rendering 2. NPTEL Course Registered (Introduction to AIML)	Lavanya R		
5	BINDUSRI	Club activities (Dev Dynasty), working on web project (restaurant based)	Shriyaa S		



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6	RITHIKA	1. club activities(dev Dynasty),working on a healthcare based project 2. NPTEL Course Registered (DBMS, Introduction to AIML)			
7	PRİYADHARSHINI	Working on web based project(YouTube home page clone) , Club activities (DevDynasty)	Srinivasan L	Digital Slaves	Education 4.0
8	VISHWA	Club activities(Dev Dynasty)	Lakshana R		
9	SOMARAJU HAKILESH	1. club activities (Dev Dynasty) 2. NPTEL Course Registered (Introduction to AIML)	Pooja Sri S	Quarintogii	Chatting for Change - AI Chatbots and ML Reshaping
10	RAMA LAKSHMI	1. working on a travel website, club activities (dev dynasty) 2. NPTEL Course Registered (DBMS)	Somalaraju Hakilesh	Forth	Analytics Perfected and 4. Blockchain Platform for Identity Verification on Social Network
11	SIVAPRIYA	1. Club activities (DevDynasty) 2. NPTEL Course Registered (DBMS)	Sivabalaji G	Celestia	AI Powered and Quantum

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12	PAVITHRA	1. To develop a website ,club activities (Dev Dynasty) 2. NPTEL Course Registered (DBMS, Introduction to AIML)	Jasna Shaji P	Believers	AI - Preserving Culture Heritage
13	ZAINAB NISHA	1. working on eCommerce web page development 2. NPTEL Course Registered (DBMS, Introduction to AIML)	Tharani G		
			Sanjana A		
			Harini M		
			Rithika D	Quardrifogli o	Chatting For Change : AI Chatbots and ML Reshaping Mental Wellness
			Sivapriya S		
			Zainab Nisa J		
			Bhavin S		
			Hemasri R	Tech Traiblazers	Perfilconfianza : Blockchain Platform for Identity Verification on Social Network
			Ramalakshmi M		
			Prathana S		
			Reena V		
			Ragul M		
			Bindu Sri VK	Celestia	AI Powered and Nutriion Analyzer
			Kavitha S		
			Monika S		
			Santhiya L		



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			Vinisha M		
			Nithya V	Tech Titan	Distribution of Excess Food to People in Hunger
			Pavithra G		
			Meenakshi AR		
			Yuvanikaa C		

1	311521100001	AKASH DAI S
2	311521100004	ANBUMANI E
3	311521100009	DYDINURAJA
4	311521100013	JAY KARTHEK P L
5	311521100018	MADHVI RAJASRI M
6	311521100029	NITHIN BHARATHI M
7	311521100032	PRIYAVI RAJAN T
8	311521100037	RAKUMAN M
9	311521100044	RAVINDHARAN M
10	311521100053	REYAN H
11	311521100048	SREE HARSHAN K S
12	311521100051	SURAJ H
13	311521100062	NITHIN D
14	311521100065	SANJAY E
15	311521100067	YUVANTHAKAR R

DATE	31/07/2024	YEAR/SEM/IV
Roll Number	311521100001	Name of the Student
	311521100004	ANJITH V
	311521100009	RAJIV
	311521100013	VIJAYAKRISHNAN
	311521100018	SHRUTHI
	311521100029	RAVINDHARAN M
	311521100032	REYAN H
	311521100037	RAKUMAN M
	311521100044	RAVINDHARAN M
	311521100053	REYAN H
	311521100048	SREE HARSHAN K S
	311521100051	SURAJ H
	311521100062	NITHIN D
	311521100065	SANJAY E
	311521100067	YUVANTHAKAR R


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3.0 Activities for Slow Learners (Academic Excellence Program-AEP)

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DEPARTMENT OF EEE		
AEP Students List (SLOW LEARNERS)		
BATCH :2021-2025		YEAR/SEM:III/VI
ACADEMIC YEAR:2023-2024		
S.NO.	REG NO	NAME
1	311521105001	AKASH RAJ S
2	311521105004	ANBUMANI E
3	311521105009	DESINGURAJA
4	311521105012	EZHIL KARTHICK R L
5	311521105015	HARISH RAMANA M
6	311521105029	NITHISH BHARATHI M
7	311521105032	PRITHVI RAJAN T
8	311521105033	RAJKUMAR M
9	311521105034	RAVINDHARAN M
10	311521105035	REVAN N
11	311521105043	SREE HARSHEN K S
12	311521105301	GOKUL U
13	311521105302	MITHUN D
14	311521105306	SANJAY K
15	311521105307	YUVANSANKAR R

BATCH :2022-2026		YEAR/SEM:II/IV
S.NO	Registration Number	Name of the Student
1	311522105007	ARJUN . V
2	311522105012	HARI.D
3	311522105023	MADHUMITHA.K
4	311522105044	SURIYA.S
5	311522105045	SURYANARAYANAN.R
6	311522105048	VARSHA.N
7	311522105049	VARUN RAJ.C
8	311522105050	VASANTH RAJ . V
9	311522105301	ABHISHEK

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0	311522105302	IYAPPAN
11	311522105303	JEVIN ANANTH
12	311522105304	KARTHICK
13	311522105307	SYED NATHEEM

Sl. No.	Name of the Staff	Designation	Qualification	Experience	Remarks
0	IYAPPAN	Assistant Professor	B.E., M.Tech., M.Phil., Ph.D.	10 years	
11	JEVIN ANANTH	Assistant Professor	B.E., M.Tech., M.Phil., Ph.D.	10 years	
12	KARTHICK	Assistant Professor	B.E., M.Tech., M.Phil., Ph.D.	10 years	
13	SYED NATHEEM	Assistant Professor	B.E., M.Tech., M.Phil., Ph.D.	10 years	

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DEPARTMENT OF EEE

S.N O	DAY	DATE	SUBJECT	Unit	PORTION TO BE COVERED BY SUBJECT HANDLING STAFF	PORTION TO BE COVERED BY SUPPORTING STAFF	JUSTIFICATION	SUBJECT HANDLING STAFF		SUPPORTING STAFF		STATUS	TOPICS TAUGHT BY ICS GROUPS
								STAFF NAME	ACTUALLY HANDLED	STAFF NAME	ACTUALLY HANDLED		
1	Wednesday	6-3-24	Power Electronics for Renewable Energy System	Unit 2	DFIG-operation, construction and equivalent circuit	DFIG-operation, construction and equivalent circuit	Repeatedly asked University Question	Dr R Maya(RM)	DFIG operation was explained and derived the equation to draw the equivalent circuit	Mr.P.Parasuraman(PP)	DFIG operation was explained and derived the equation to draw the equivalent circuit	Completed	Construction and Equivalent Circuit were discussed with students who were not familiar
2	Thursday	7-3-24	Protection and Switchgear	Unit 2	Distance relay – types, Torque equation	Distance relay – types, Torque equation	difficulty in understanding of mathematical Derivation	Mr.K.Bhasker (KB)	Operation of Distance relay –types, derivation of Torque equation	Mr.P.Parasuraman(PP)	Operation of Distance relay – types, derivation of Torque equation	Completed	Important points which has to be written in the topics were discussed

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3	Friday	8-3-24	Special Electrical Machines	unit 2	Torque equation of SRM and stepper motor	difficulty in understanding of mathematical Derivation	Dr.A.Parassuram(AP)	Torque equation derivation and stepper motor operation were explained	Dr R Maya(RM)	Torque equation derivation and stepper motor operation were explained	Completed	Derivation was discussed with Average students
4	Saturday	9-3-24	PLACEMENT CLASSES									
5	Monday	11-3-24	Power Electronics for Renewable Energy System	Unit 2	SCIG construction & Operation and Equivalent circuit	Important university question. Difficult to understand Equivalent circuit derivation	Dr.R.Maya(RM)	Explained the Construction and operation of SCIG and equation was derived and drawn the equivalent circuit	Dr.A.Parassuram(AP)	Explained the Construction and operation of SCIG and equation was derived and drawn the equivalent circuit	Completed	Equivalent Circuit were discussed with students who were not familiar
6	Tuesday	12/3/24	PLACEMENT TEST									
7	Wednesday	13-3-24	Power System Operation and Control	Unit 3	Automatic Voltage Regulator(AVR) model	difficulty in understanding of mathematical Derivation	Mr.P.Parasuraman(PP)	Automatic Voltage Regulator(AVR) model	Mr.K.Bhasker (KB)	Automatic Voltage Regulator(AVR) model	Completed	Block Diagram of AVR was discussed

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8	Thursday	14-3-24	Smart System Automation	Unit 2	Pre requisites of sensors, Communication Protocol	zigbee and wifi differences...	the communication protocols are common for any automation planned in smart systems...	Dr.Sivasubramaniya n.S.B	the communication protocols were once again elaborated.. the cellular 3G/4G spectrum usage over other protocols were elaborated..	Dr.A.Parassuram(AP)	protocols like Zigbee and LoRa were taught again and their differences emphasized.	Completed	asked to work on designing a practical 6-point home automation system for consumer needs...
9	Friday	15-3-24	PLACEMENT CLASS.										
10	Monday	18-3-24	Power System Operation and Control	Unit 3	Tap changing Transformer working. types	Tap changing Transformer working. types	difficulty in understanding the Concepts	Mr.P.Parasuraman(PP)	Tap changing Transformer working, types	Dr.A.Parassuram(AP)	Tap changing Transformer working, types	Completed	Discussed about the working of Tap changing Transformer
11	Tuesday	19/3/24	PLACEMENT TEST										

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8	Thursday	14-3-24	Smart System Automation	Unit 2	Pre requisites of sensors, Communication Protocol	zigbee and wifi differences...	the communication protocols are common for any automation planned in smart systems...	Dr.Sivasubramaniya n.S.B	the communication protocols were once again elaborated.. the cellular 3G/4G spectrum usage over other protocols were elaborated..	Dr.A.Parassuram(AP)	protocols like Zigbee and LoRa were taught again and their differences emphasized.	Completed	asked to work on designing a practical 6-point home automation system for consumer needs...
9	Friday	15-3-24	PLACEMENT CLASS.										
10	Monday	18-3-24	Power System Operation and Control	Unit 3	Tap changing Transformer working, types	Tap changing Transformer working, types	difficulty in understanding the Concepts	Mr.P.Parasuraman(PP)	Tap changing Transformer working, types	Dr.A.Parassuram(AP)	Tap changing Transformer working, types	Completed	Discussed about the working of Tap changing Transformer
11	Tuesday	19/3/24	PLACEMENT TEST										

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12	Wednesday	20-3-24	Power System Operation and Control	Unit 3	Static var Compensator (SVC) construction and V I Characteristics	Static var Compensator (SVC) construction and V I Characteristics	difficulty in understanding the Concepts	Mr.P.Parasuraman(PP)	Explained VI characteristic of SVC and its application	Dr.A.Parassuram(AP)	Explained VI characteristic of SVC and its application	Completed	VI Characteristics of SVC was discussed
13	Thursday	21/3/24	Power Electronics for Renewable Energy System	Unit 3	Standalone and grid interactive PV system	Grid interactive PV system	Repeadly asked question in University	Dr.R.Maya(RM)	Explained the Block diagram and operation and discussed the important points to be written for the topic	Dr.A.Parassuram(AP)	Explained the block and operation of grid interactive PV system	Completed	Discussed the important points in the block diagram of stand alone and grid interactive of PV system
14	Friday	22-3-24	Protection and Switchgear	Unit 3	GENERATOR PROTECTION - VARIOUS TYPES	TRANSFORMER PROTECTION - VARIOUS TYPES	Important question from exam point of view	Mr.K.Bhasker (KB)	NO AEP CLASS DUE TO ONE DAY TECHNICAL SEMINAR	Dr.A.Parassuram(AP)	NO AEP CLASS DUE TO ONE DAY TECHNICAL SEMINAR	will be planning to next class	NO AEP CLASS DUE TO ONE DAY TECHNICAL SEMINAR
15	Saturday	23-3-24	PLACEMENT CLASSES										

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16	Monday	25-3-24	Power System Operation and Control	Unit 3	Static Compensator (STATCOM) construction and VI Characteristics	difficulty in understanding the Concepts	Mr.P.Parasuraman(PP)	Explained VI characteristics of STATCOM and Importance of reactive power Compensation	Dr.Kumarasamy	Explained VI characteristics of STATCOM and Importance of reactive power Compensation	Completed	VI Characteristics of STATCOM, Application, comparison with SVC
17	Tuesday	26/3/24	PLACEMENT TEST									
18	Wednesday	27-3-24	Power System Operation and Control	Unit 4	comparison of SVC with STATCOM based the working and VI characteristics	difficulty in understanding of mathematical Derivation	Mr.P.Parasuraman(PP)	comparison of SVC with STATCOM based the working and VI characteristics	Mr.K.Bhasker (KB)	comparison of SVC with STATCOM based the working and VI characteristics	Completed	SVC with STATCOM based the working and VI characteristics
19	Thursday	28-3-24	Power Electronics for Renewable Energy System	Unit 3	BATTERY AND PV PANEL SIZING	Difficulty in understanding the Concept	Dr R Maya(RM)	NO AEP CLASS DUE TO MSIC Inauguration	Dr.A.Parasuram(AP)	NO AEP CLASS DUE TO MSIC Inauguration		NO AEP CLASS DUE TO MSIC Inauguration
20	Saturday	30-3-24	PLACEMENT CLASSES									

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21	Monday(M)	1/4/24	Power Electronics for Renewable Energy System	Unit 4	Operation and wave form of three phase voltage source Inverters	Circuit Diagram and Operation of Matrix Converter	Important question from exam point of view	Dr R Maya(RM)	Explained the operation and output wave form of 180 and 120 degree mode of conduction	Dr.A.Parassuram(AP)	Explained the configuration of matrix converter and various combination of the switches and output voltage	Completed	Cleared doubts in the various configuration of matrix converter and its output voltage
22	Tuesday	2/4/24	PLACEMENT TEST										
23	Wednesday	3/4/24	Power System Operation and Control	Unit 4	Problem in Economic Dispatch Solution(with Limits)	Problem in Economic Dispatch Solution(with out limits)	difficult to do mathematical Derivation and calculation	Mr.P.Parasuraman(PP)	solution of economic dispatch problem without losses (with limits)was discussed	Mr.K.Bhasker (KB)	solution of economic dispatch problem without losses (without limits)was discussed	Completed	solution of economic dispatch problem with losses (with limits)was discussed
24	Thursday	4/4/24	Special Electrical Machines	unit 3	Construction and operation principle of pmlbdc motor	derivation of EMF equation of PMLBDC motor	important question from exam point of view	Dr R Maya(RM)	Explained the construction and working principle of BLDC and its switching operation	Dr.A.Parassuram(AP)	explained the emf equation of BLdc motor	Completed	cleared the doubts in emf derivation
25	Friday	5/4/24	PLACEMENT CLASSES										
26	Saturday	6/4/24	FIRST SATURDAY										



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27	Monday	8/4/24	Smart System Automation	Unit 3	Design consideration for Energy management	energy management from the Power plant point of view...	Important question from exam point of view	Dr.Sivasubramaniya n.S.B	one of the most important design considerations - interoperability is taken again...	Dr.A.Parassuram(AP)	energy management from the Power system point of view...	completed...	discussed about the recent papers in energy management...
28	Tuesday	9/4/24	PLACEMENT TEST										
29	Wednesday	10/4/24	Power System Operation and Control	Unit 4	Constraints in Unit Commitment	Problem in Priority list method	difficulty in understanding the Concept	Mr.P.Parasuraman(PP)	Explained the various constraints in unit commitment problems and problem solved using priority list method	Dr.A.Parassuram(AP)	discusses problem on unit commitment using priority list method	completed	solve problem using participation Factor
30	Friday	12/4/24	Protection and Switchgear	Unit 4	static relays	static relays	difficulty in understanding the Concept	Mr.K.Bhasker (KB)	static relays	Dr.Sivasubramaniya n.S.B (SBS)	static relays	completed	duality of static relays
31	Saturday	13-4-24	PLACEMENT CLASSES										

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39	Wednesday	24/4/24	Power System Operation and Control	Unit 5	Explanation - Supervisory Control And Data Acquisition(SCADA)	Explanation- Supervisory Control And Data Acquisition(SCADA)	Important question from exam point of view	Mr.P.Parasuraman(PP)	Mr.K.Bhasker (KB)		
40	Thursday	25/4/24	Smart System Automation	Unit 4							
41	Friday	26/4/24	Protection and Switchgear		types of circuit breakers	types of circuit breakers	important question				
42	Saturday	27-4/24	PLACEMENT CLASSES								
43	Monday(M)	29/4/24	Power Electronics for Renewable Energy System	Unit 5	Maximum Power Point Tracking - perturb and observe algorithm	Maximum Power Point Tracking - Incremental conductance algorithm	difficulty in understanding the Concept	Dr R Maya(MA)	Mr.P.Parasuraman(PP)		
44	Tuesday	30/4/24	PLACEMENT TEST								
46	Thursday	2/5/24	Special Electrical Machines	unit 5	Construction and Operating Principle of Synchronous reluctance motor	Construction and Operating Hysteresis motor	difficulty in understanding the Concept	Dr R Maya(MA)	Dr.A.Parassuram(AP)		
47	Friday	3-5-24	Smart System Automation	Unit 5	Robotic Controller Design	Kinematics and dynamics for Robotics arms	important question	Dr.Sivasubramaniya n.S.B (SBS)	Dr R Maya(MA)		

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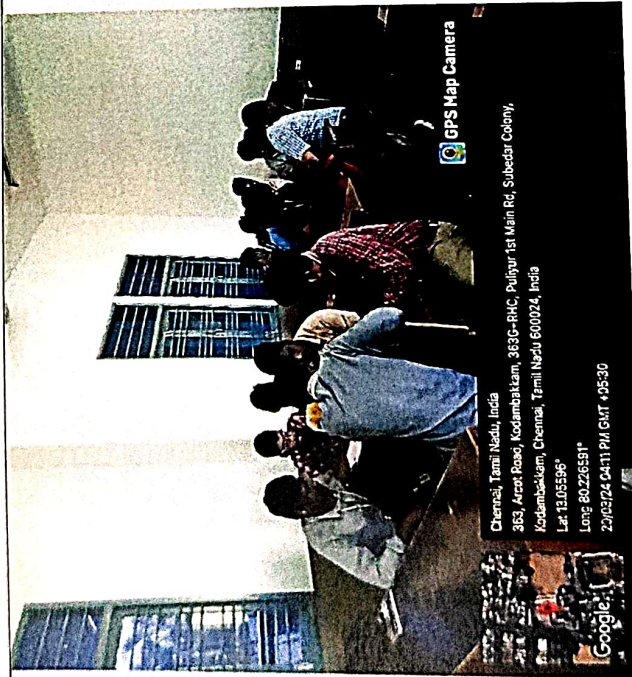


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ACADEMIC YEAR:2023-2024

ACADEMIC EXCELLENCE PROGRAM PHOTOS (SLOW LEARNERS)

Power System Operation and Control



Protection and Switchgear



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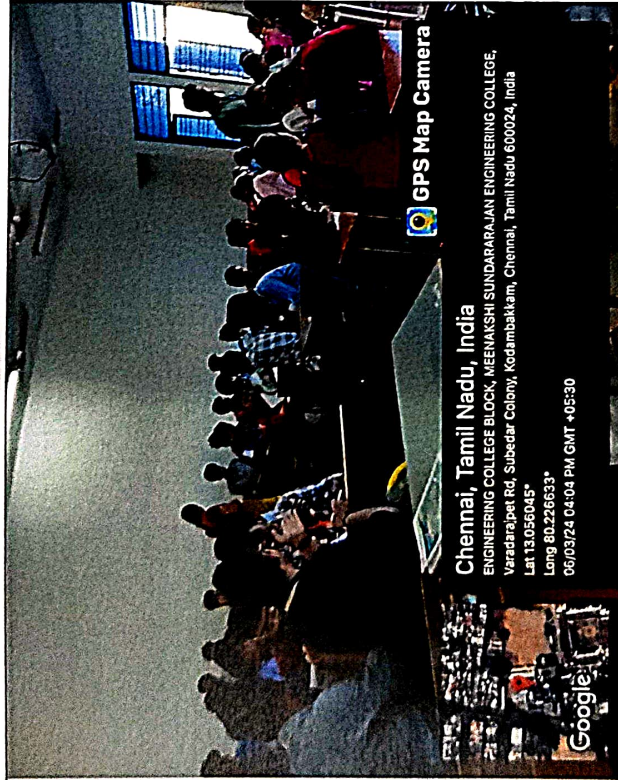
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Power Electronics for Renewable Energy System



Special Electrical Machines



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Electrical Machines II



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Linear Integrated Circuits



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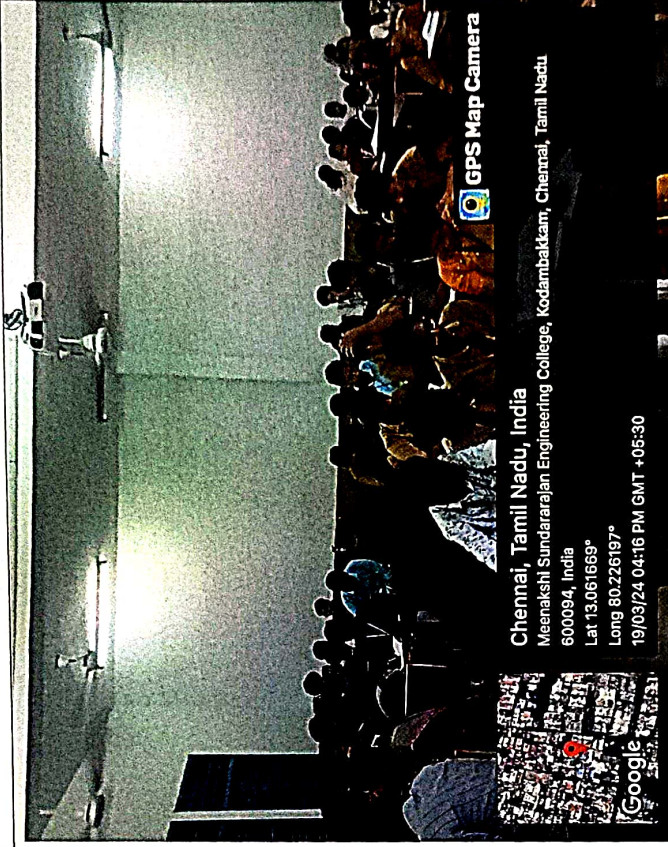
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Measurement and Instrumentation



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DEPARTMENT OF CIVIL ENGINEERING

III CIVIL AEP SCHEDULE FOR MARCH 2024 MONTH

S.N O	DAY	DATE	AEP SUBJECT	PORTION TO BE PLANNED	Justification	Actual Topics to be covered	AEP STAFF 1		AEP STAFF 2		Peer Coaching (ICS students to Average students Topics Covered)	STATUS
							NAME	Portions Covered	NAME	Portions Covered		
1	WEDNESDAY	6-3-24	INDUSTRIAL VISIT									
2	THURSDAY	7-3-24	Design of Steel Structures	Design of Gussete plate - Design a slab base of columns ISHB 300@588N/m of carrying an axial factored load of 1000KN	This design was frequently came in Anna university Question Exam	Slab base design completed	Dr.M.Ponn i	Base slab design completed	Mr.M.Malingayath Iri	Base slab design completed	Base slab design completed	Completed
3	FRIDAY	8-3-24	Structural Analysis II	ILD indeterminate structures- A 6 m Long fixed end beam resisting a udl of 25 KN/m find the support reactions and BMD.	Important question for Anna University Exam	Rection and BMD covered.	Mrs.G.Amb u Neema	Rection and BMD covered.	Mr.Saravanan	Rection and BMD covered.	Rection and BMD covered.	Completed



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Sl. No.	Date	Faculty	Topic	Activity	Remarks	Completion
4	MONDAY 11-3-24	NAAN MUDHALVAN	Design of Steel Structures	Unit -1 & Unit -2 2 Mark Question - Difference between Pitch and Gauge, Define shear lag, what are the tension Failures	5- Two mark questions completed.	Completed
6	WEDNESDAY 13/3/24	Dr.M.Ponn	Design of Steel Structures	Repeated Question from Anna university Exam	5- Two mark questions completed.	Completed
7	THURSDAY 14/3/24	Dr.M.Ponn	Design of Steel Structures	Repeated Question from Anna university Exam	Design of tension member completed	Completed
8	FRIDAY 15/3/24	Mr.P.Sivakumar	E-CUBE VALIDICTORY	Design of Tension Member - A single unequal angle ISA 90x60x6mm is connected to a 10mm gusset plate	Design of Compression member completed	Completed
9	WEDNESDAY 20-03-2024	Dr.M.Ponn	Design of Steel Structures	Repeated Question from Anna university Exam	Design of I section Completed.	Completed
		Mr.Sivakumar	Design of laterally supported beam - For simply supported beam section udl of 40KN/m	Design of simply supported beam completed	Design of Continuous beam completed	Completed

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10	THURSDAY	21-03-2024	Design of Steel Structures	Design of laterally unsupported beam - For Rolled steel I section	Repeated Question from Anna university Exam	Design of I section Completed.	Dr.M.Ponn	Design of simply supported beam completed	Mr.M.A.Raja	Design of I section Completed.	Design of Continuous beam completed	Completed
11	FRIDAY	22-03-2024	INDUSTRY INSTITUTE INTERACTION									
12	WEDNESDAY	27-03-2024	Structural Analysis II	A three hinged parabolic arch of span 40m and rise 4 m carries a udl of 30 kN/m over the left half of the span. Calculate the BM at 10m from the left support.	Three hinged arch problems are frequently asked in Anna university question paper	Three hinged arch problem completed	Mrs.G.Anb	Two hinged Arch problem	Mr.Sivakumar	Three hinged arch problem completed	Two hinged Arch problem	Completed
13	THURSDAY	MSIIC CLUB INAGRAUITION										
15	WEDNESDAY	03-04-2024	Structural Analysis II	A two hinged parabolic arch of span L and rise h carries a concentrated load w at the crown. calculate the horizontal thrust.	Question asked in Anna university exam	Two hinged arch problem completed	Mrs.G.Anb	Two hinged Arch problem	Mr.Sivakumar	Two hinged Arch problem	problem to find horizontal trust	Completed
16	THURSDAY	04-04-2024	Design of Steel Structures	Design of Plate Girder - udl of 100KN/m, span of 6.5m	Question asked in Anna university exam	Design of Plate Girder	Dr.M.Ponn	Design of Plate Girder	Mr.M.A.Raja	Plate Girder	Design of Plate Girder	Completed

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18	WEDNESDAY	10-04-2024	Structural Analysis II	Problem in suspension cables with three hinged girder	Question asked in Anna university exam	Problem in suspension cables with three hinged girder	Mrs.G.Anb u Neema	problem in suspension cables with three hinged girder	Mr.Sivakumar	problem in suspension cables with three hinged girder	Problem in suspension cables with three hinged girder	Completed
20	FRIDAY	12-04-2024	Design of Steel Structures	Design of Gantry girder - Hand-operated travelling crane simply supported by gantry girder.	Question asked in Anna university exam	Design of Gantry girder	Dr.M.Ponn i	Design of Gantry girder	Mr.N.Ravikumar	Design of Gantry girder	Design of Gantry girder	Completed
21	WEDNESDAY	17-04-2024	Structural Analysis II	Problems in space truss	Important problem	problems in space truss	Mrs.G.Anb u Neema	problems in space truss	Mr.Sivakumar	problems in space truss	problems in space truss	Completed
22	THURSDAY	18-04-2024	Design of Steel Structures	Design of Plate Girder - udl of 100KN/m, span of 6.5m	Question asked in Anna university exam	Design of plate girder	Dr.M.Ponn i	Design of plate girder	Mr.M.A.Raja	Design of plate girder	Design of plate girder	Completed
24	WEDNESDAY	24-04-2024	Structural Analysis II	Problems with anchor cable	Important problem	Problems with anchor cable	Mrs.G.Anb u Neema	Problems with anchor cable	Mr.Sivakumar	Problems with anchor cable	Problems with anchor cable	Completed
25	THURSDAY	25-04-2024	Structural Analysis II	problems with concentrated loads on cables	Question asked in Anna university exam	problems with concentrated loads on cables	Mrs.G.Anb u Neema	problems with concentrated loads on cables	Mr.M.A.Raja	problems with concentrated loads on cables	problems with concentrated loads on cables	Completed
26	FRIDAY	26-04-2024	Design of Steel Structures	Design of portal frames using plastic analysis	Repeated Question from Anna university Exam	Plastic Analysis - Frame method	Dr.M.Ponn i	Plastic Analysis - Frame method	Mr.N.Ravikumar	Plastic Analysis - Frame method	Plastic Analysis - Frame method	Completed

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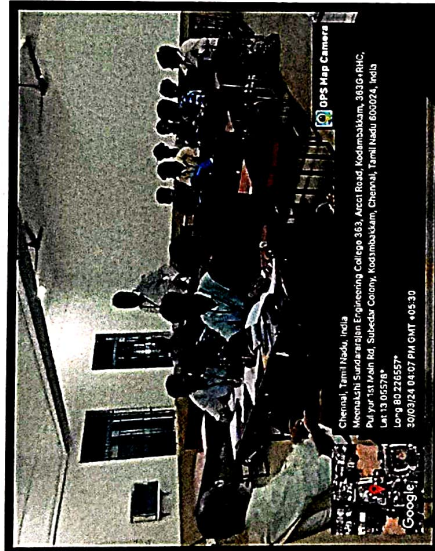


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SOIL AEP CLASS- II YEAR



SOM AEP CLASS- II YEAR

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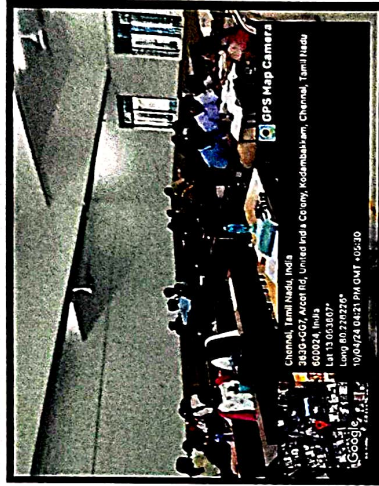
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DSS AEP CLASS- III YEAR



SA-II AEP CLASS- III YEAR

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Department of Mechanical Engineering													
AEP PLAN - III Year VI Semester													
S.NO	DAY	DATE	SUBJECT	PLANNED PORTION TO BE COVERED	JUSTIFICATION	ACTUALLY COVERED	AEP STAFF 1 NAME	ACTUALLY COVERED	AEP STAFF 2 NAME	Peer Coaching (ICS students to Average students Topics Covered)	STATUS	Back log if any	Plan for back log coverage
1	WED	03-06-2024	Lean Manufacturing	Failure mode effective analysis (FMEA) concept, objective	Repeatedly asked topic in university question paper	Failure mode effective analysis (FMEA) concept, objective	Dr.T.Prabakaran	Failure mode effective analysis (FMEA) concept, objective	Mr.R.Shannugam	Failure mode effective analysis (FMEA) concept, objective	Completed	nil	

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2	THU	03-07-2024	Renewable powered off Highway vehicle Emission control Technology	Hydrogen fuel cells	Revision of recently discussed topic in class	Hydrogen Fuel Cells - Green Hydrogen, Blue Hydrogen, Grey Hydrogen	Mr.R.Shannmugam	Hydrogen Fuel Cells - Green Hydrogen, Blue Hydrogen, Grey Hydrogen	Dr.T.Prabakaran	Hydrogen Fuel Cells- Green Hydrogen, Blue Hydrogen, Grey Hydrogen	Completed	nil
3	FRI	03-08-2024	Renewable Energy Technologies	Solar Thermal Collectors	Important concept in Unit 2 that needs to be revised again	Solar Powered GRID Technologies	Dr.T.Prabakaran	Solar Powered GRID Technologies	Dr.A.Chidambaram	Solar Powered Technologies	Completed	nil
4	MON	03-11-2024	Heat and Mass Transfer	Free convection illustrated Problems	Most commonly asked type of questions in university question paper	Boiling, Condensation, Application of Boiling and Condensation, Nucleate Boiling Problem	Dr.C.Natesamoorthy	Gr. Number and Pr number calculation instead of Reynolds number	Mr.D.Karthik Hari	Boiling, Condensation, Applications of Boiling and Condensation, Nucleate Boiling Problem	Completed	nil

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E CUBE VALEDICTORY									
8	FRI	15/3/24							
9	MON	18/3/24	Heat and Mass Transfer	Illustrative problems in Counter heat exchanger	Frequently expected university questions	Illustrative problems in Parallel and Counter heat exchanger	Dr. S. Santhanakrishnan	Illustrative problems in Parallel and Counter heat exchanger Difference between LMTD and NTU concept	Mr. Karthik Hari D
10	TUE	19/3/24	Lean Manufacturing	Keys to process management, DEMAIC Objectives Scope & Applications	Effective administrative and managerial task	Keys to process management, DEMAIC Objectives Scope & Applications	Dr. T. Prabakaran	DEMAIC Objectives Scope & Applications	Dr. K. Balasubramanian
								DEMAIC Objectives Scope & Applications	Completed
								Illustrative problems	Completed
									nil

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11	WEDNESDAY	20/3/24	Renewable powered off Highway vehicle Emission control Technology	Fuel cell applications and requirements	Practical application based and university exam point of view	Fuel cell applications and requirements	Dr.S.Kamatchi Sankaran	Significance of Fuel cell	Dr.A.Chidambaram	Significance of Fuel cell	Completed	nil
12	THURSDAY	21/3/24	Renewable Energy Technologies	Wind data and energy estimation	Practical application based and university exam point of view	Practical application based and university exam point of view	Dr. T.Prabakaran	Practical difficulties and installation Limitation of Wind mill installation	Mr.V.Arul	Practical difficulties and installation Limitation of Wind mill installation	Completed	nil
13	FRIDAY	22/3/24	Data Science Fundamentals	Supervised and unsupervised machine learning	Expected university exam topic	Supervised and unsupervised machine learning	Mr.K.Iyyanar	Supervised and unsupervised machine learning	Dr.A.Chidambaram	Supervised and unsupervised machine learning	Completed	nil

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14	MONDAY	25/3/24	Heat and Mass Transfer	LMTD NTU heat exchanger problems	Maximum possible university question	heat exchanger problem to find surface area describing following cases: single pass counter flow, 4 pass flow, cross flow with U given lmtd and ntu problems	Mr. Karthick Hari	LMTD NTU heat exchanger problems	Dr. C. Natesamurthy	Illustrated problem Boiling and Condensation	Completed	nil
15	TUESDAY	26/3/24	Lean Manufacturing	PDCA, DMAIC	Administrative topic and also university exam point of view	Six Sigma and production system integration	Dr..T.Prabakaran	Tyoto sigma and production system integration	Dr.K.Balasubramanian	Tyoto sigma and production system integration	Completed	nil

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16	WEDNESDAY	27/3/24	Renewable Energy Technologies	Wind turbine generators and its performance	University exam point of view	Wind turbine generators and its performance	Dr.K.Balasubramanian	Bio- Mass process	Mr.K.Nyanar	Bio- Mass process	Completed	nil
17	WEDNESDAY	28/3/24	Renewable powered off Highway vehicle Emission control Technology	fuel cell research on Off-road vehicle applications	Practical application based and university exam point of view	Class cancelled due to MSIIIC function	Class cancelled due to MSIIIC function	Class cancelled due to MSIIIC function	Class cancelled due to MSIIIC function	Class cancelled due to MSIIIC function	Completed	Nil
19	MONDAY	1-4-24	Heat and Mass Transfer	Fick's law of diffusion	University exam point of view	Fick's law of diffusion	Dr. S. Santhanakrishnan	Fick's law of diffusion	Mr.D.Karthik Hari	Steady state of membrane	Completed	Nil
20	TUESDAY	2-4-24	Lean Manufacturing	Concepts of right part right time (JIT) in lean manufacturing	University exam point of view	Pull/push system in lean manufacturing elements	Dr..T.Prabakaran	Concepts of right part right time (JIT) in lean manufacturing	Dr. C. Natesamurthi	Concepts of right part right time (JIT) in lean manufacturing	Completed	Nil
21	WEDNESDAY	3-4-24	Renewable powered off	fuel cell- objective, procedure	University exam point of view	fuel cell- objective, procedure	Mr.R.Shanmugam	Solar technology process	Mr.K.Rajkumar	Solar technology process	Completed	Nil



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22	THURSDAY	4-4-24	Highway vehicle Emission control Technology	Renewable Energy Technologies	Digester-CH4	University exam point of view	Digester-CH4	Dr.K.Balasubramanian	Gesification in power co-generation	Dr.A.Chidambaram	Gesification power co-generation	Completed	Nil
23	FRIDAY	5-4-24	Data Science Fundamentals										
24	MONDAY	###	Heat and Mass Transfer		Discuss on Isothermal water to vapour	University Repeated Derivation	Discuss on Isothermal water to vapour Derivation and Problem	Dr.S.Santhanakis	Equimolar Counter Diffusion - Concept, Definition, Problem	Mr. Karthik Hari	Discuss on Mass Transfer and Mode of mass Transfer	Completed	Nil
25	WEDNESDAY	10-4-24	Renewable powered off Highway vehicle Emission control Technology		low temperature combustion modes	University exam point of view	discuss on combustion modes and ignition process	Mr.R.Shanmugam	concept of ignition system	Mr.K.Rajkumar	combustion in engines	completed	nil
28	FRIDAY	12-4-24											
29	Saturday	13/4/24											
30	Monday	15/4/24	Heat and Mass Transfer	Illustrative problems in	Illustrative problems in	University Problem	Illustrative problems in	Dr.S.Santhanakis	Definition, Real Life Examples	Mr.Karthik Hari	Convective Mass Transfer	Completed	Nil



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36	Tuesday	23/4/24	Lean Manufacturing	pool boiling heat transfer. Types of organizational culture with example.	University exam point of view	Types of organizational culture with example.	Dr..T.Prabakaran	method of heat exchanger analysis. Explain the 8 steps for building high performing organization l culture	heat and mass transfer.		
37	Wednesday	24/4/24	Renewable powered off Highway vehicle Emission control Technology	Catalytic converter - purpose, application , working	University exam point of view	Catalytic converter - purpose, application , working	Mr. R. Shanmugam	Catalytic converter - purpose, application , working	Completed	Nil	
38	Thursday	25/4/24	Renewable Energy Technologies	OTEC, Wave, Tidal, Hydel Energy	Summary of Topics from Unit V	OTEC, Wave, Tidal, Hydel Energy	Dr. K. Balasubramaniam	OTEC, Wave, Tidal, Hydel Energy	Completed	Nil	
39	Friday	26/4/24									
41	Monday	29/4/24	Heat and Mass Transfer	Radiation Shield between heat exchanger (Two parallel Plate)	University exam point of view	Radiation Shield between heat exchanger (Two parallel Plate) University	Dr.S.Santhanakis hnan	Introduction to Radiation, Application of Radiations, Mechanism of Radiation,	Monochromatic Emissive Power	Completed	Nil

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ACHIEVE EXCELLENCE PROGRAM (AEP)

Date of the AEP: 21.02.2024

Subject: ME3691 Heat and Mass Transfer

Staff In-Charge: Dr. S. Santhanakrishnan

Staff In -Charge :Mr.D.Karthik Hari

Topics covered:

1. Solved University Problems (Fins, End Fin is insulated) - Both the Faculty students taught AEP students
2. Transient heat conduction problems – 1 ICS student discussion about problem with average students and silly calculation mistake students





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Date of the AEP: 26.02.2024
Subject: OCS353 Data Science Fundamentals
Staff In-Charge: Mr. K. L. Iyanar
Staff In-Charge: Dr.S.Santhanakrishnan
Topics: Basic Statistics of Data
NumPy (Basics)

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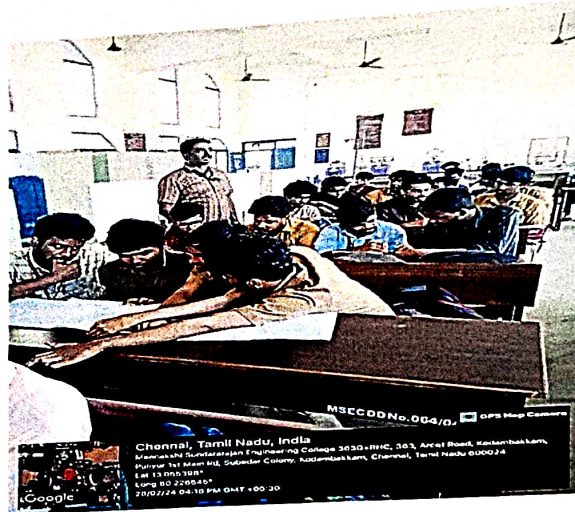
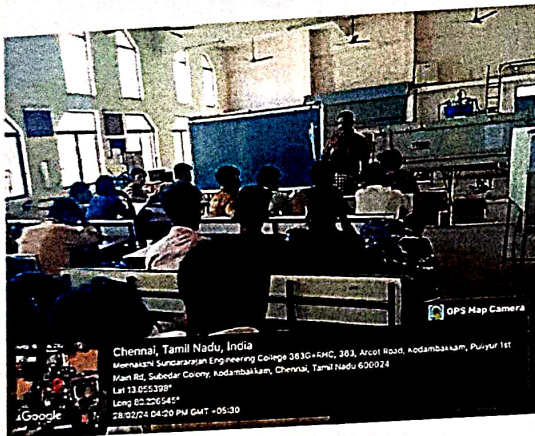
Date of the AEP: 28.02.2024

Subject: CME347 Lean Manufacturing

Staff In-Charge: Dr. T. Prabakaran

Staff In-Charge: Mr. Karthik Hari

Topics: 5S Principles and DMAIC



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Date of the AEP: 29.02.2024
Subject: CME365 Renewable Energy Technologies
Staff In-Charge: Dr. K. Balasubramanian
Staff In-Charge: Dr. S. Santhanakrishnan
Topics: Wind Energy



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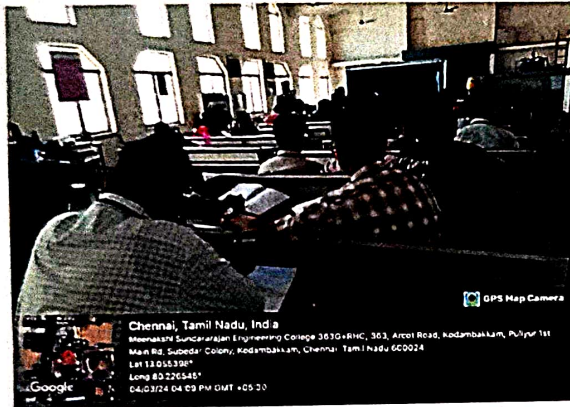
Date of the AEP: 04.03.2024 04.00pm to 04.30pm

Subject: ME3691 HEAT AND MASS TRANSFER

Staff In-Charge: Dr. S.Santhanakrishnan,

Staff In-Charge: Mr. Karthik Hari

Topics: Illustrative problems in Forced Convection



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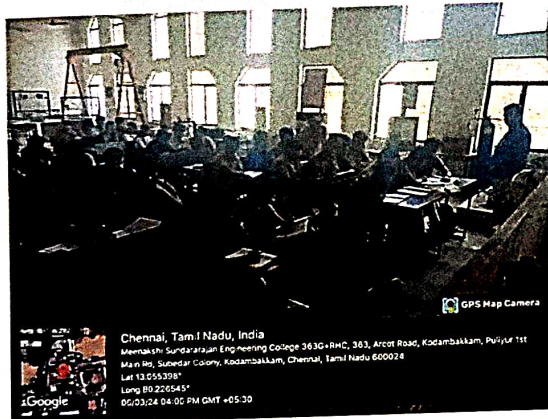
Date of the AEP: 06.03.2024 04.00pm to 04.30p


Subject: CME347 Lean Manufacturing

Staff In-Charge: Dr. T. Prabakaran

Staff In-Charge: Mr. R. Shanmugam

Topics: Failure mode effective analysis (FMEA) concept, objective




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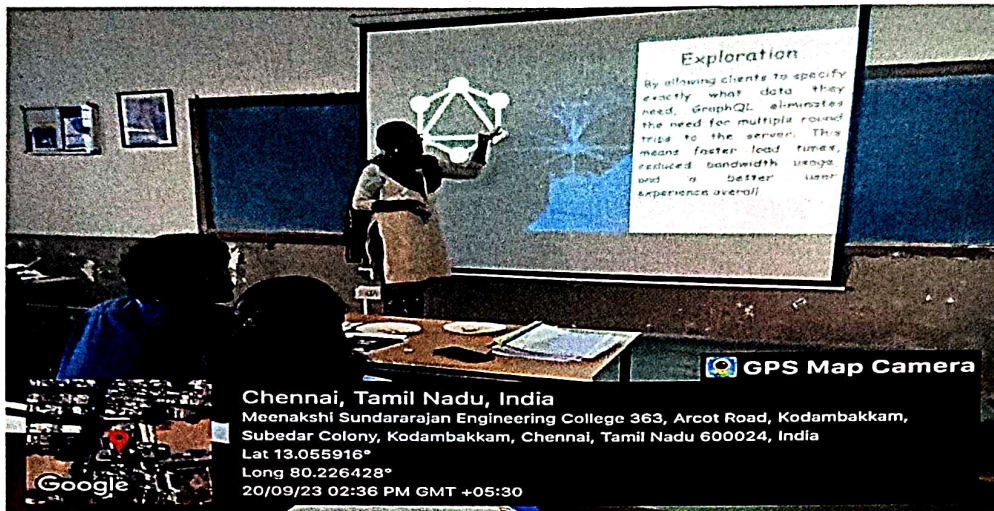
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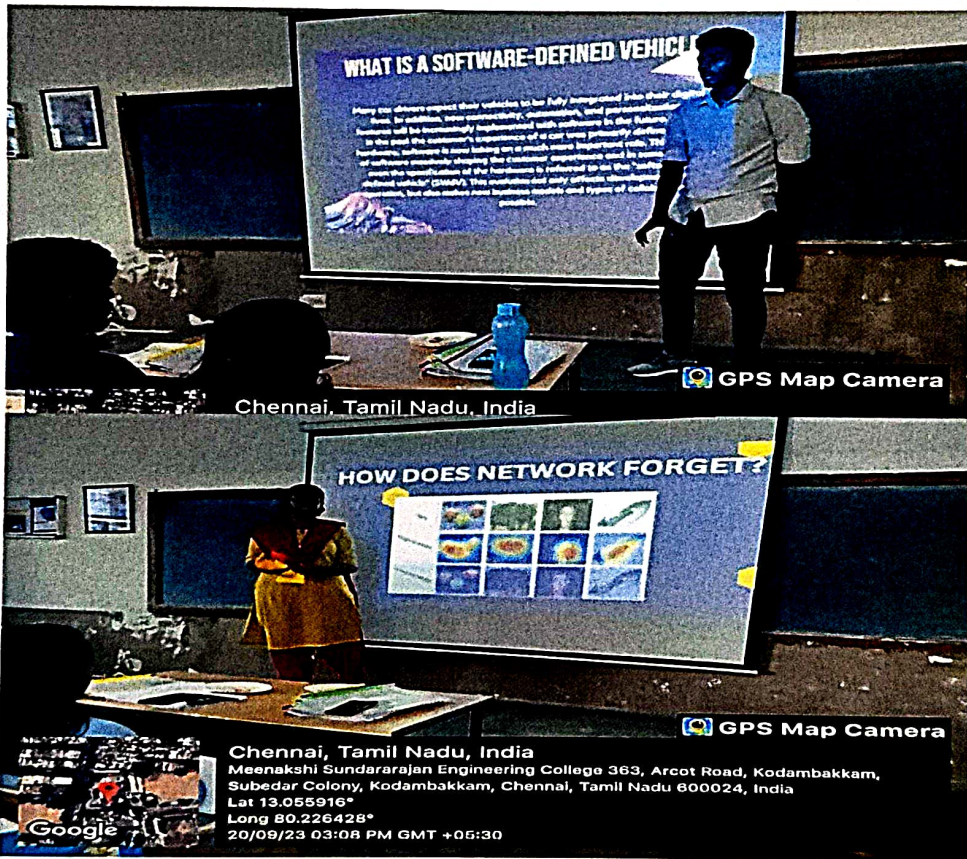
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On 21th March the judges were Mr. Azaruddin.A (CEO at prince info tech) and Ms.Sarah.G (Executive Manager at prince info tech). The students were actively involved in every session and enthusiastically presented their papers. The judges shared their valuable knowledge about the industry and how we can improve ourselves. They encouraged us to learn new skills to be a better match to the industry's needs. They gave us an insight into the current trends in the technical arena and widened our perspectives of the vast opportunities that lie ahead of us.




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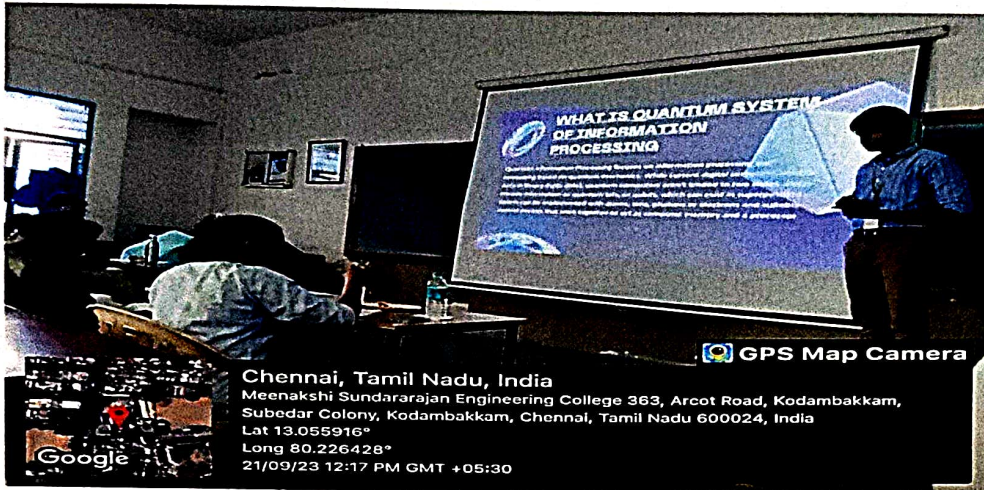
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After every presentation, the judges provided the students with valuable criticism. The feedback aimed at the students was very useful and helped us recognize our strengths and weaknesses. They discussed the importance of presenting papers and how such events help us stand out in the competitive world that demand such skills. Their criticism and words of encouragement made all the students feel invigorated to participate in more paper presentations and technical events in the future.


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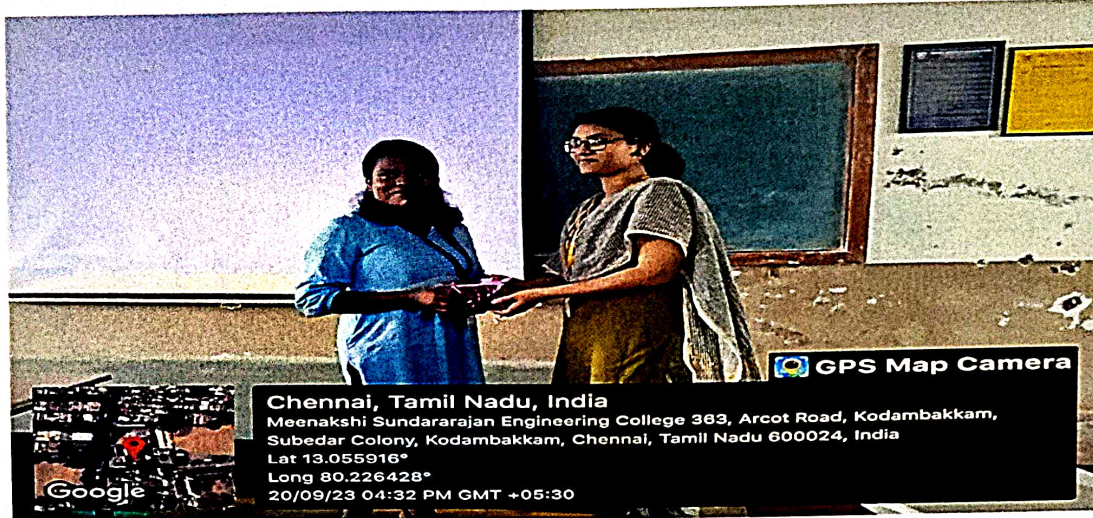
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The judges awarded marks for each presentation based on the topic, content presented and the student's presentation.

Based on the above rubric, the best five presentations were selected and announced.

S. No.	NAME OF THE STUDENT	PAPER TITLE
1	Karthigai kannan	Compression Algorithms: A Comprehensive Overview
2	Dharshan.s	6 th sense technology
3	Selvakumar.P	XR-Extended reality
4	Lokesh Udhaya D.P	Game Development

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

E³ MINI PROJECT PRESENTATION III YEAR V SEMESTER

BATCH- (2021-2025)

Scientific method is fundamental to successful experimentation. The E-cube was an occasion of E³- Enrichment, enhancement and Empowerment conducted by the department of CSE on 22th of September 2023. The students presented mini projects on various topics from various fields in CSE domain like Text classification, Speech recognition, Machine learning and ensembling Techniques etc...based on current professional trends.

The program was well organized and it was an enlightening experience for the students. The panel of judges on 20th March were **Mr.Kowshik.K(senior developer cognizant)** ,

Mr.Sanjay kumar .N(Associate consultant kaar) who were accompanied by Mrs.

M.Sowmiya and Mrs. V. Sundari





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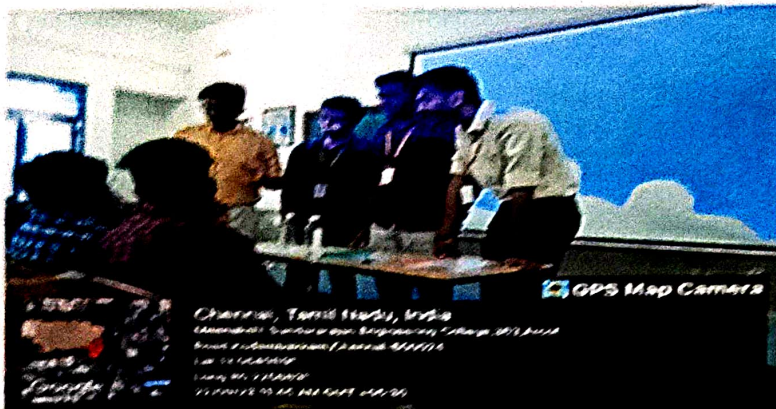
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The Mini Project Presentation, Group Discussions, and Mock Interviews events have been instrumental in nurturing well-rounded professionals. The constructive criticism and encouragement from judges have not only helped students recognize their weaknesses but have also motivated them to work on their skills. As a result, our students are now better prepared to stand out in the competitive world, armed with both technical knowledge and the ability to effectively communicate and present their ideas. These events have instilled a sense of confidence and enthusiasm among our students to actively participate in more paper presentations and technical events in the future. With these experiences, they are wellprepared to excel in their academic and professional journeys.



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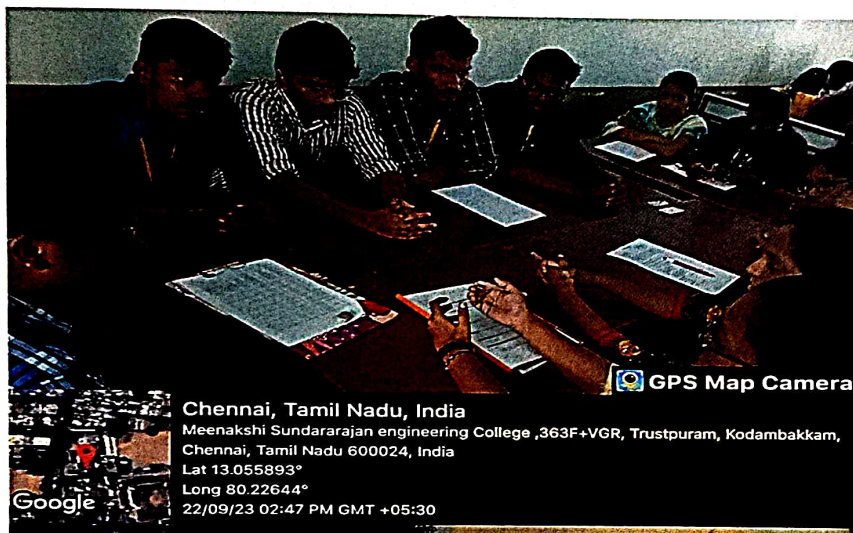
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GROUP DISCUSSION:



A group discussion is a structured conversation among a group of individuals with the goal of sharing ideas, opinions, and perspectives on a specific topic or issue. Participants take turns expressing their thoughts, listening to others, and engaging in a constructive dialogue to collectively explore the subject matter. Group discussions are often used in various settings, such as educational institutions, workplaces, and social gatherings, to foster communication, critical thinking, and problem-solving skills. They provide a platform for diverse viewpoints and collaboration, ultimately leading to a better understanding of the topic and potential solutions to challenges.



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MOCK INTERVIEW

A mock interview is a simulated practice session that mimics a real job interview scenario. It involves a candidate facing a set of interview questions and assessments, typically conducted by a mentor, career coach, or peer. The purpose of a mock interview is to help individuals prepare for actual job interviews by refining their responses, improving their confidence, and receiving constructive feedback on their performance.



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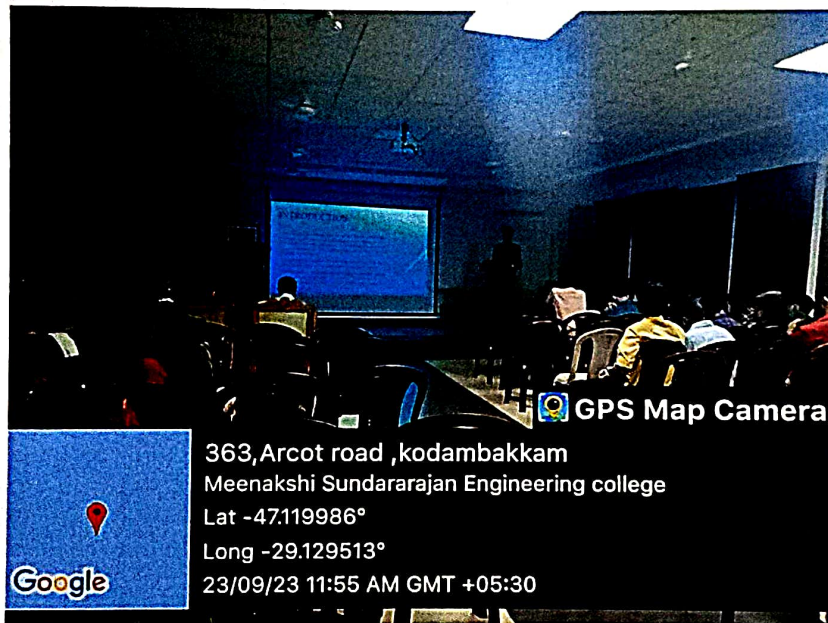
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E cube Photos

Academic Year: 2023-2024




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Paper presentation(2nd year)


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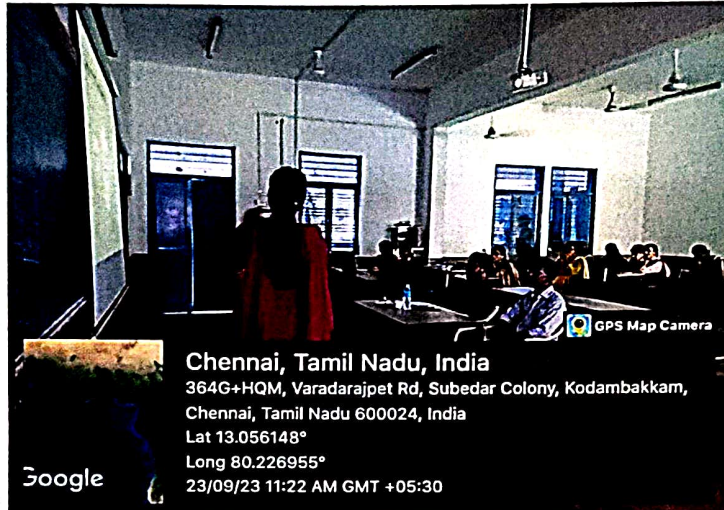
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Paper presentation(3rd year)

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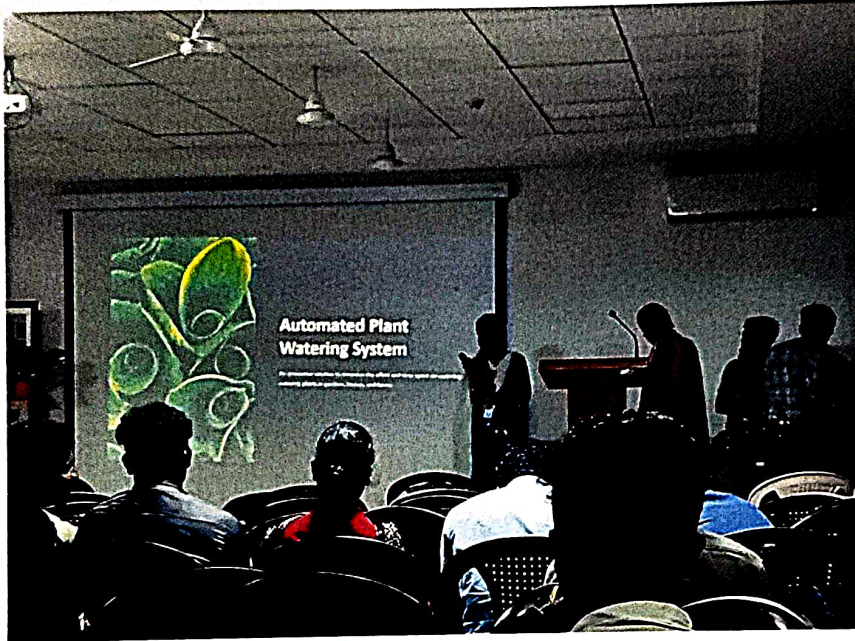
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Mini Project Presentation(3rd year)



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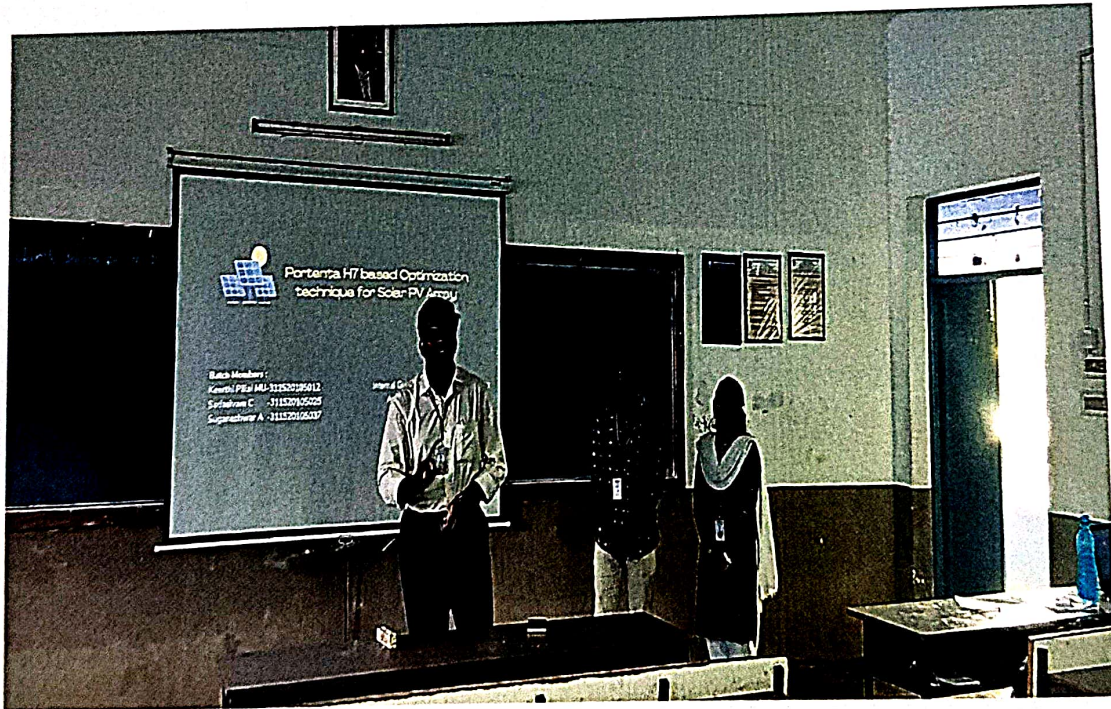
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Project Presentation(4th year)


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GPS Map Camera

Chennai, Tamil Nadu, India
363, Arcot Road, Kodambakkam, 363G+RHC, Puliyur 1st Main Rd, Subedar Colony,
Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.05596°
Long 80.226599°
23/09/23 02:13 PM GMT +05:30

Google

Mock Interview(4th year)


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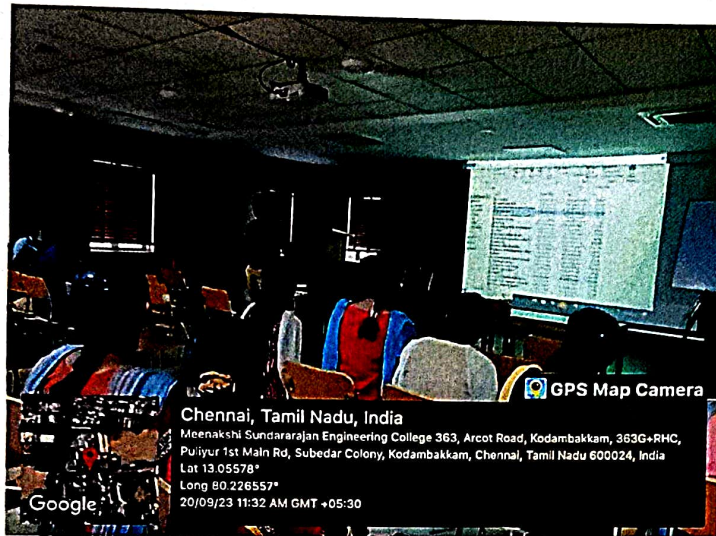
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Chief Guest interaction with Students: Steps to do an effective presentation



Momento distribution to Chief Guest by the Head of the Department


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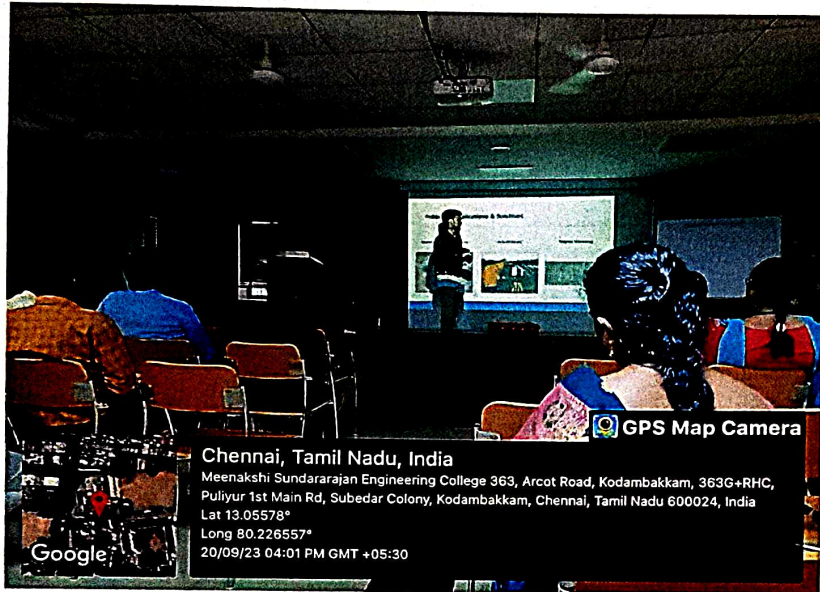
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Paper Presentation by the Student: Pradeep S B, Civil II Year

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4.0 E CUBE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

E³ PAPER PRESENTATION REPORT

III YEAR V SEMESTER

BATCH- (2021-2025)

Scientific method is fundamental to successful experimentation. The E-cube was an occasion of E³- Enrichment, enhancement and Empowerment conducted by the department of CSE on 20th and 21th of September 2023. The students presented papers on various topics from various fields in CSE domain like Cloud Computing, Machine Learning, Artificial intelligence and technologies based on current professional trends.

The program was well organized and it was an enlightening experience for the students. The panel of judges on 20th March were Mr. Gandharv (UI Developer & queens technology) and Ms. Sowmiya.A (software tester & queens technology) who were accompanied by Mrs M.Sowmiya and Mrs. V. Sundari.



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5	Mohammad Rizwan Roshan	Introduction to Firebase
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We would like to thank our Principal, our HOD and our teachers who gave us this opportunity to enhance our technical and presentation skills.

	Charan M	
	P. Pragasathan	
	Gayathri K	Speech emotion recognition
	Kalohmi R	
	Vaishnavi Y G	
	Hanish K	
	Shruthi priya	Comparison of voice cloning techniques
	G.R Sankar	
	J.K Harsha B	
	Amritha P	
	Jaya	Sentimental analysis of twitter dataset using ML
	Arjunwal Y	
	Rishini	
	Sandhya	

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The judges awarded marks for each presentation based on the topic, content presented and the student's Mini project presentation. Based on the above rubric, the best four Mini project presentations were selected and announced.

S. No.	NAME OF THE STUDENT	MINI PROJECT TITLE
1	Ashwin.H Prasanth. S Charan.M Srirenganathan	IOT enabled predictive maintenance for motor
2	Gayathri.R Lakshmi.R Vaishnavi K.G Harini.K	Speech emotion recognition
3	Shruthi priya G.K Sulaksha B.K Rithika.G Amritha.P	Comparison of ensembling techniques
4	Jaya Aishwarya Roopini Nandhini	Sentimental analysis of twitter dataset using ML

We would like to thank our **Principal**, our **HOD** and our **teachers** who gave us this opportunity to enhance our technical and presentation skills.


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DEPARTMENT OF CIVIL ENGINEERING		
ENRICHMENT, ENHANCEMENT AND EMPOWERMENT- 2023		
Paper Presentation Venue	Civil Seminar Hall	Class: II Year
Judge Name	Er. Nitin Anand T	Date: 20.09.2023
Session Coordinator	Mrs.G.AnbuNeema and Mr.S.Saravanan	Time: 9:00-4:30 P.M

ABOUT THE PROGRAMME:

The department conducts Enrichment, Enhancement and Empowerment to enrich the student's knowledge. First of its kind, a weeklong celebration called E³ (Enrichment, Enhancement and Empowerment) is conducted at the beginning of every academic year, where each and every student is allowed to participate in technical paper presentation and mini project/ project presentation; also career guidance based lectures, group discussion and mock interviews are arranged. The event helps the students to improve their interpersonal skills, communication skills etc. The academic activities of the department emphasize on deep understanding of fundamental principles, development of creative ability to handle the challenges of civil engineering and the analytical ability to solve the problems which are interdisciplinary in nature.

JUDGE PROFILE:

Name of the Judge	:	Er. Nitin Anand T
Designation	:	Engineering Manager, Larsen & Toubro, Chennai
Qualification	:	M.Tech (Structures), NIT Trichy
Experience	:	9 years
Achievements	:	Completed MBA through Office


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363, Arcot Road Kodambakkam			
Academic Year: 2023-2024 (ODD)			
DEPARTMENT OF CIVIL ENGINEERING			
Batch: 2022-2026		YEAR: II	Semester: 03
ECUBE PAPER PRESENTATION			
S.NO	REG.NO	Name of Student	Ecube Paper Presentation Title
1	311522103001	AKILAN K	Underwater Turbine
2	311522103002	ANUSHRI V	Intelligent Bridge
3	311522103003	ARJUN R	Soil Cement
4	311522103004	ARUNPRAKASAM R S	Transparent Concrete
5	311522103005	DIVYA BHARATHI J	Urban Design
6	311522103006	HARIHARASUDHAN P	Advanced Construction Techniques
7	311522103007	HARINI V	Cyclone Resistant Structure
8	311522103008	KEERTHI PRIYA N	Introduction to Hydrology
9	311522103009	MUTHUSAMY S	Effective Transportation System
10	311522103010	NITHESHKUMAR S	Canal Irrigation
11	311522103011	PADMASHREE	Fiber Reinforced Concrete
12	311522103012	PEGAN RRANJITH S	Rain water Harvesting System
13	311522103013	RAKESH R	Storm Water Management
14	311522103014	RAKSHITHA S	Light Weight Concrete
15	311522103015	SAIFULLAH S	Affordable Housing
16	311522103016	SANJAY L	Canal Irrigation
17	311522103017	SANJAY N	Solid Waste management System
18	311522103018	SANJAY S	Leaning Tower of Pisa



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19	311522103019	SRIKANTH G	Hazardous Waste Management System
20	311522103020	SUBHASHINI I	Strategies for Mitigating and Responding for Disaster
21	311522103021	SUVEETHA M	Green Concrete
22	311522103022	TEJO PADMA SREE E	Advanced Construction Techniques
23	311522103023	VISHNU SRI M	Bacterial Concrete
24	311522103024	VISHNUVARDHAN K	Parking Management
25	LE1	HARIKRISHNA	Disaster Management
26	LE2	KODANDARAMU	Solar Energy Buildings
27	LE3	MOHAMED IRFAN A	Noise Control of Buildings
28	LE4	PRADEEP S B	Surveying
29	LE5	SURIYA M	Pervious Concrete

PAPER PRESENTATION WINNERS LIST

S.NO	YEAR	EVENT	POSITION	NAME
1	II YEAR	PAPER PRESENTATION	I	Pradeep S B
2			II	Vishnu Sri M
3			III	Suveetha M
4			IV	Rakshitha S
5			V	Sanjay S

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