

IGNITE 2024



A DAILY NEWSLETTER

Editor in Chief

Editors

**Dr. Srinivasan Alavandar
Principal, ACT**

**Ms N Dhivya, AP - S&H
Ms S Archana AP - EEE
Mr V Kothantapani - EEE II Year**

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PLACEMENT NEWS

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INSTITUTIONS' INNOVATION COUNCIL N-S-D-C nirf NBA

CORE PLACEMENTS

COUNSELLING CODE **1316**

2024 Batch



2.5 LPA

48 Offers

motherson 
KYUNGSHIN INDUSTRIAL
MOTHERSON PVT LTD
Designation: Graduate Engineer Trainee

A total of 48 Final year students from the departments of Mechanical , Mechatronics , Mechanical & Automation Engineering and Aerospace were selected as Graduate Engineer Trainee at **Kyungshin Industrial Motherson Pvt. Ltd.** with a CTC of 2.5 LPA. Kyungshin Industrial Motherson Private Limited (KIML) is a joint venture with Motherson Group and Kyungshin Corporation of South Korea for the manufacturing of automotive wiring harnesses.

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IIC MEETING



Dr. A. Kalaimurugan, IIC President, and Dr. P. Purushothaman, IIC Convener, conducted the department IIC Coordinator meeting. They discussed the progress of the **IIC 6.0 Quarter I & II** activities report submission, innovation ambassador training for recently joined coordinators, Intra Institutional Innovation Competition, etc., on 6th January, 2024.

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AIDS PYTHON CODING CONTEST

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Entrepreneurship Development Cell
IDEATE | CREATE | ELEVATE
AGNI COLLEGE OF TECHNOLOGY

Department of Artificial Intelligence and Data Science
in association with
Entrepreneurship Development Cell
Organises

**INTER DEPARTMENT
PYTHON CODING CONTEST 2024**

 **Resource Person**
Mr. Lingasamy Eswaramoorthy
Reltio MDM Technical Architect
TCS



📅 10th Feb 2024
📍 Smart Hall
🕒 10.30am to 11.45am
👥 Target Audience:
All Department (III YEARS)

Common Rules:
Students should Know Python Language.
There are 2 Rounds
1st Round : Basic Python Programming Online MCQ Questions.
2nd Round : Python Programming Coding in Online Compiler.
Should bring their Own Laptops and Chargers.
Any Third year student at Agni can participate in the Coding Contest.

Registration Fee: Nil/-
Registration Link:
<https://forms.gle/uewSPwDq3bxqw2M17>
Last Date for Registration: 8th February, 2024 Hill 8pm.

Students Coordinators:
G. Narayanan (III AIDS)
R.Hassan mohammed (III AIDS)

Event Coordinator:
Mrs. Dhana Bhavithra.K
Assistant Professor, Department of AIDS,
Agni College of Technology

Convenor:
Dr. Ishwarya M.V
HOD/AIDS
Agni College of Technology

PRINCIPAL:
Dr. Srinivasan Alavandar
Agni College of Technology

The Department of Artificial Intelligence and Data Science has organized the "INTER DEPARTMENT PYTHON CODING CONTEST" for all the third-year students of Agni College of Technology on 10th February, 2024, from 10.30 to 11.45 a.m. at Smart Hall. **Resource Person: Mr. Lingasamy Eswaramoorthy, from TCS.**

AIDS SEMINAR

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Organizes
A SEMINAR
 on
"TEXT PREPROCESSING AND MACHINE TRANSLATION"



M.Tharik Anwar
 Software Developer
 Retech Lasers

RESOURCE PERSON

- 20th Feb 2024**
- 10.30am-11.45am**
- Smart Room**
- Target Audience: III YEAR AIDS

EVENT COORDINATOR
PANDI DEEPA. P
 ASSISTANT PROFESSOR
 Department of AIDS

Convenor
Dr. ISHWARYA M.V
 HOD/AIDS
 Agni College of Technology

PRINCIPAL
Dr. SRINIVASAN ALAVANDAR
 Agni College of Technology

The Department of Artificial Intelligence and Data Science has organized a seminar on the topic of "TEXT PREPROCESSING AND MACHINE TRANSLATION" on 20th February, 2024 from 10.30 to 11.45 a.m. Resource Person: M.Tharik Anwar, Software Developer from RETECH LASARS.

AIDS WEBINAR SERIES

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organizes A
WEBINAR
on
"STOCKS AND SHARES"

 07.02.2024  6:00 pm to 7:00 pm  Google Meet



Resource Person
RAFIKHAN.L
Third year
Department of Artificial
Intelligence and Data Science

<https://meet.google.com/zgu-qzzv-aby>

Coordinator
Dr. M.V.Ishwarya
HOD/AIDS

Dr. Srinivasan Alavandar
Principal

The Department of Artificial Intelligence and Data Science has arranged the **WEBINAR SERIES** on Aptitude Topics from 22.1.2024 to 9.2.2024. The webinar on “**STOCKS and SHARES**” was efficaciously conducted by speaker **RAFIKHAN.L**, third year AIDS student from 6.00pm to 7.00pm through Google Meet on 7-02-2024. Many positive feedbacks were given by third year AIDS students, regarding the same.

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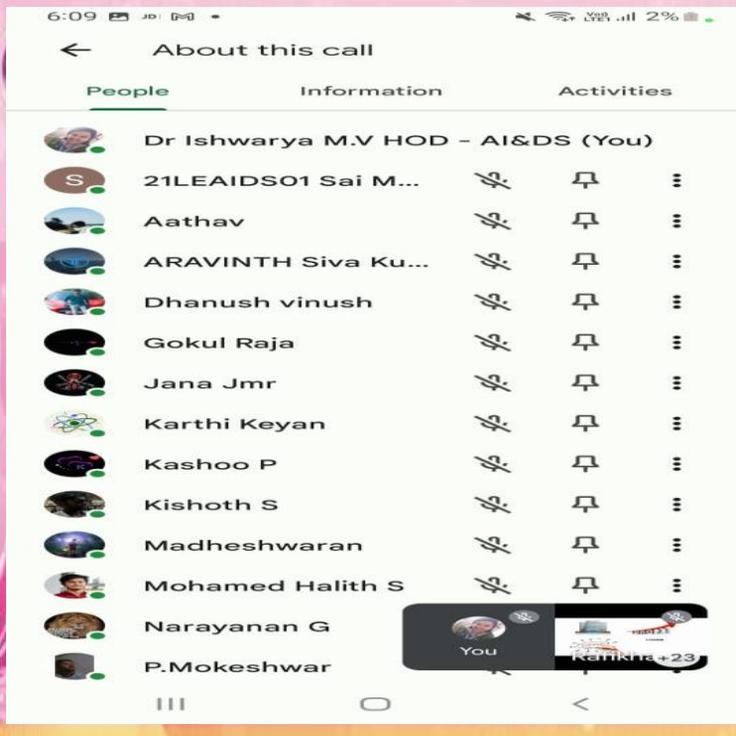
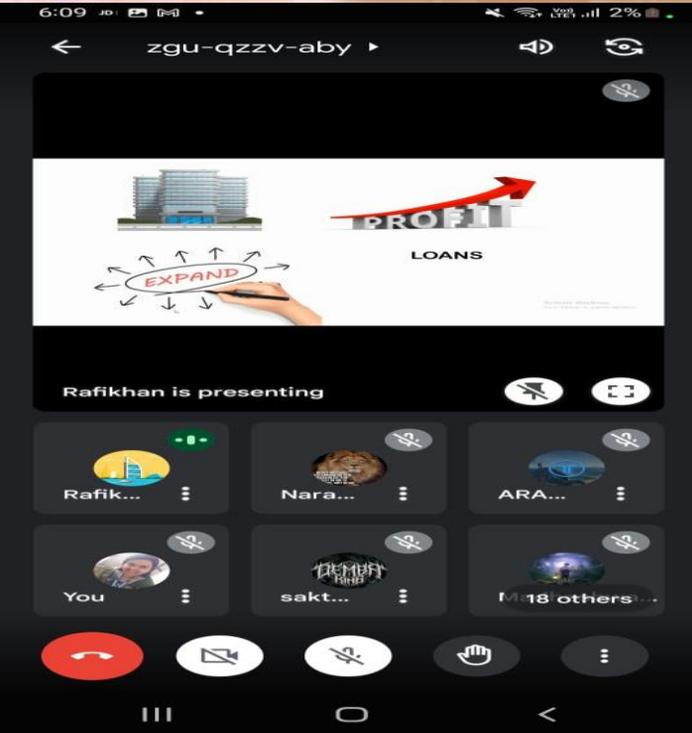
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GALLERY



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FACULTY ACHIEVEMENT

(12) PATENT APPLICATION PUBLICATION (21) Application No.202341088571 A
 (19) INDIA
 (22) Date of filing of Application :24/12/2023 (43) Publication Date : 19/01/2024

(54) Title of the invention : CLOUD-BASED DEEP LEARNING MODEL FOR PREDICTING BATTERY DRAIN IN ELECTRIC VEHICLES BASED ON DRIVING PATTERNS AND EXTERNAL FACTORS

<p>(31) International classification :G06N0003080000, G06Q0010040000, B60W700500000000, G06Q0050300000, G06Q0050060000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Ms. Anuja Prashant Diwan Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode:600130 2)Ms. Radhika Somakumar 3)Dr. Madhu Valavala 4)Dr. Nellore Manoj Kumar 5)Dr. Resulka C G 6)Mr. B. Siva Sanakar 7)Dr. Mohamed Zakriya Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Anuja Prashant Diwan Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode:600130 2)Ms. Radhika Somakumar Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode:600130 3)Dr. Madhu Valavala Address of Applicant :Professor, Department of EEE, Swarnandhra College of Engineering & Technology, Seetharampuram, West Godavari, Andhra Pradesh, India, Pincode:534280 4)Dr. Nellore Manoj Kumar Address of Applicant :Independent Researcher, Founder and CEO, Infinite Research, B.O. 15-225, Gollapalem, Venkatagiri, Tirupati, Andhra Pradesh, India, Pincode:524132 5)Dr. Resulka C G Address of Applicant :Professor, Department of Physics, Jnanabharathi Campus, Bangalore University, Bangalore, Karnataka, India, Pincode:560056 6)Mr. B. Siva Sanakar Address of Applicant :Assistant Professor, Department of IT, Institute of Aeronautical Engineering, Duddigal, Hyderabad, Telangana, India, Pincode:500043 7)Dr. Mohamed Zakriya Address of Applicant :Guest Faculty, Department of Physics, Bangalore University, Bangalore, Karnataka, India, Pincode:560056</p>
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(57) Abstract:
 A cloud-based deep learning model and method for predicting battery drain in Electric Vehicles (EVs) are disclosed. The system leverages real-time data, including driving patterns, external factors, and weather conditions, to provide EV drivers with precise predictions of their remaining battery range, effectively mitigating range anxiety. The deep learning algorithms adapt continuously to changing conditions during EV operation, ensuring dynamic and accurate predictions. The system's cloud-based infrastructure facilitates real-time data exchange, enabling fleet management optimization, energy distribution, and grid strain reduction. Additionally, the system's role in vehicle manufacturing, policymaking, and the broader trend towards smart and connected vehicles is explored, highlighting its transformative potential in shaping the future of sustainable transportation.

No. of Pages : 23 No. of Claims : 10

The Patent Office Journal No. 03/2024 Dated 19/01/2024 6330

Ms. Anuja Prashant Diwan, AP & Ms. Radhika Somakumar, AP, - Department of Electrical and Electronics Engineering, have published a patent (Application no. 202341088571 A) titled “CLOUD-BASED DEEP LEARNING MODEL FOR PREDICTING BATTERY DRAIN IN ELECTRIC VEHICLES BASED ON DRIVING PATTERNS AND EXTERNAL FACTORS” under IPR Publication, India.

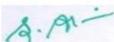
FACULTY PARTICIPATION



THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)
 (Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)
 (Accredited by NAAC (3rd Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)
 DST-FIST Sponsored College under 'College as a whole' Scheme,
 Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259774, Website:- www.tacw.in | Email:- info@tacw.in

PG & RESEARCH DEPARTMENT OF MATHEMATICS
 &
 INTERNAL QUALITY ASSURANCE CELL (IQAC)
Participation Certificate

This is to certify that Dr/Mr/Ms/Mrs Dr. J. Rajeswari, Assistant professor of Agni College of Technology has attended a **Five Days national Online FDP** on **"RESEARCH METHODOLOGY: ETHICS & PUBLICATIONS"**, organized by the IQAC and PG & Research Department of Mathematics, Theivanai Ammal College for Women (Autonomous), Villupuram on 22.01.2024 - 26.01.2024


Dr.S.Akila
 Principal,
 TACW


Dr.J.Kalaimathi
 Dean-NAAC,
 TACW


Ms.R.Suganya
 HEAD OF THE DEPARTMENT,
 TACW

Dr. Rajeswari Jayaraj, Assistant Professor, Electronics and Communication Engineering has attended a five days online faculty development program on **"Research Methodology: Ethics and Publications"** organized by Theivanai Ammal College for Women (Autonomous), Villupuram from 22.01.24 to 26.01.24.

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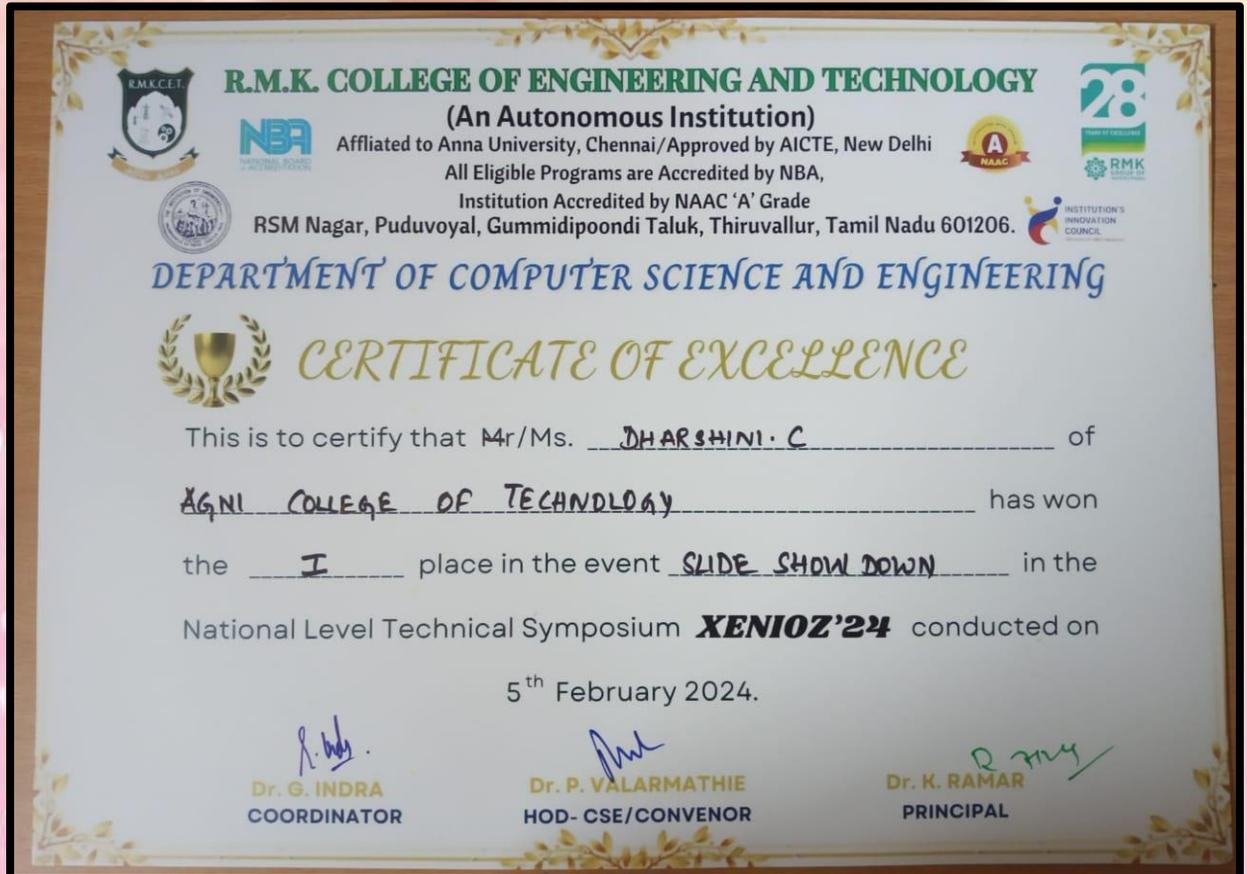
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STUDENT ACHIEVEMENT



Dharshini C, Third year, Department of Computer Science and Engineering, has won the **First place** in the event “**SLIDE SHOWDOWN**” in the National level Technical Symposium **XENIOZ'24** conducted by **R.M.K College of Engineering and Technology** on **5th February 2024**.

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STUDENT ACHIEVEMENT



Dharshini C, Third year, Department of Computer Science and Engineering, has won the **Second place** in the event **“TECH TREKS”** in the National Level Technical Symposium **XENIOZ'24** conducted by **R.M.K College of Engineering and Technology** on **5th February 2024**.

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STUDENT ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

M.Keerthika

For successfully completing a free online course
AI in Healthcare

Provided by
Great Learning Academy
(On February 2024)



Keerthika M, III year student, Department of Biomedical Engineering, has successfully completed a online course on "AI in Healthcare" using Great Learning platform on 7th February 2024.

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STUDENT ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

Niranjana 1402

For successfully completing a free online course
AI in Healthcare



Provided by
Great Learning Academy
(On February 2024)

Niranjana C, III year student, Department of Biomedical Engineering has successfully completed an online course on **“AI in Healthcare”** using great learning platform on 7th February 2024.

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STUDENT PARTICIPATION

Nanthini Priya R, III Year Student, Department of Information Technology, has participated in the “**Chem - E - Quest**” organized by the **Birla Institute of Technology & Science (BITS)**.

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PROJECT REVIEW -II (ASE)

On September 7, 24, Dr.S.K. Narendranathan, HOD of the Department of Aerospace Engineering, and Mr. A. Surenderpaul, project coordinator, along with all department faculty members, conducted the **second project review for final-year students**. The students presented their projects, and the HOD and faculty members provided valuable comments for improvement.

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PROJECT REVIEW (CIVIL)



Mrs. R. Beaula Jasmine, Head, Department of Civil Engineering, has conducted the first review for the final year students. The progress of the work was monitored, and suggestions for improving were also given.

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MINI PROJECT REVIEW

The Department of Computer Science and Engineering has conducted the **zeroth review** for the **mini project** for **Third year** students on 8.2.2024 with **Dr. Balaji Madhavan, Mr. G. Praveen Kumar, and Mrs. M.P. Sujatha** as review panel members, along with the project coordinators, **Mrs. G. Uma Devi and Mrs. L. Prinslin**.

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SPECIAL COACHING



Dr. R. Pandiyarajan, Professor & Head, Department of Mechatronics Engineering, organized exclusive coaching sessions for II year Mechatronics students to prepare them for the Anna University exam. Due to the back-to-back exams scheduled for the afternoon of February 7th and the morning of February 8th, **Dr. Srinivasan Alavandar**, Principal granted permission for students to stay overnight at the hostel on February 7th, thereby reducing their travel time and increasing their preparation duration. **Mr. T. Srinivasan** led the coaching class, providing valuable tips and tricks while students actively engaged, clearing their doubts.

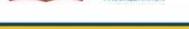
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PLACED STUDENTS INTERACTION

IV Years placed students, Department of Civil Engineering have interacted with the third year students regarding placement preparation, which serves as a valuable mentoring opportunity. It allows for the transfer of knowledge, skills, and experiences from more experienced students to those who are preparing to enter the workforce, ultimately enhancing their employability and professional development.

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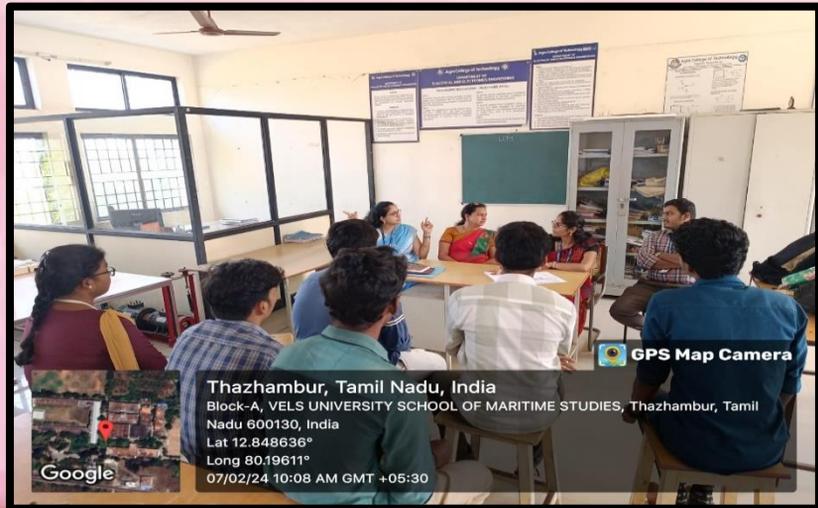
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CLASS COMMITTEE MEETING



The Department of Electrical and Electronics Engineering conducted the First Class Committee meeting for the IV year Students on 7th February 2024. Syllabus coverage for IAT 1, Progress of Project, Subject wise students feedback, the Status of NPTEL registration, and the status of Placements were discussed

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HOSTEL COACHING



The Science and Humanities Department arranged special coaching classes on the second day for hostel students and visited them for the Anna University exam, focusing on math. Faculty members shared valuable tips, provided important questions, and offered one-on-one coaching to address doubts. This dedicated approach aims to enhance students' understanding and boost their confidence levels, preparing them to actively participate in the upcoming university exam.

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