

IGNITE 2023



A DAILY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

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

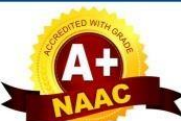
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IQAC SEMINAR SERIES



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COUNSELING CODE 1316

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
in collaboration with
INTERNAL QUALITY ASSURANCE CELL
Organizes A
SEMINAR
on
"EFFECTIVE HANDLING OF CLASS ROOM SESSIONS/ CLASS ROOM MANAGEMENT"

 **20.12.2023**  **8.30am to 10.00am**  **Seminar Hall, ACT**


Resource Person
Dr. M.V. Ishwarya
Associate Professor & Head
Department of Artificial Intelligence
and Data Science

Coordinator
Mrs. J. Amala Preyadarchane
Asst Prof / AIDS

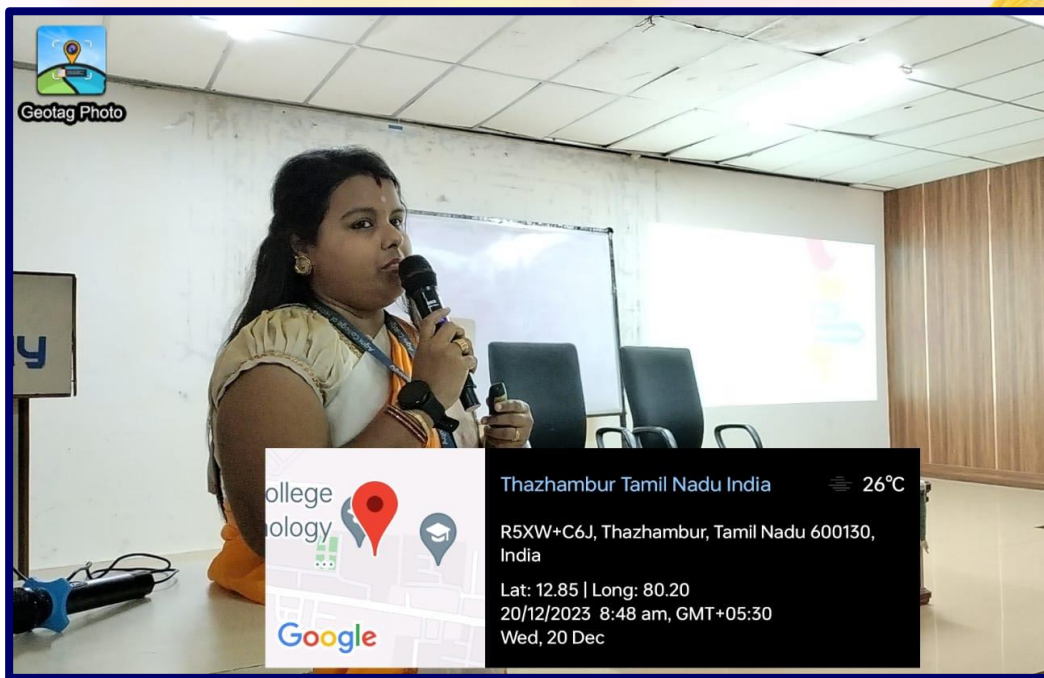
Co-Coordinator
Dr. T. Anand
IQAC Coordinator

Dr. Srinivasan Alavandar
Principal

The Internal Quality Assurance Cell (IQAC) and the Department of Artificial Intelligence and Data Science collaborated to conduct a seminar on **"Effective Handling of Class Room Management"** that was held in the ACT seminar hall. The resource person for the seminar was Dr. M.V. Ishwarya, Associate Professor, Head of the Department of Artificial Intelligence and Data Science, Agni College of Technology. The faculty members from all the departments participated in the seminar.

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GALLERY



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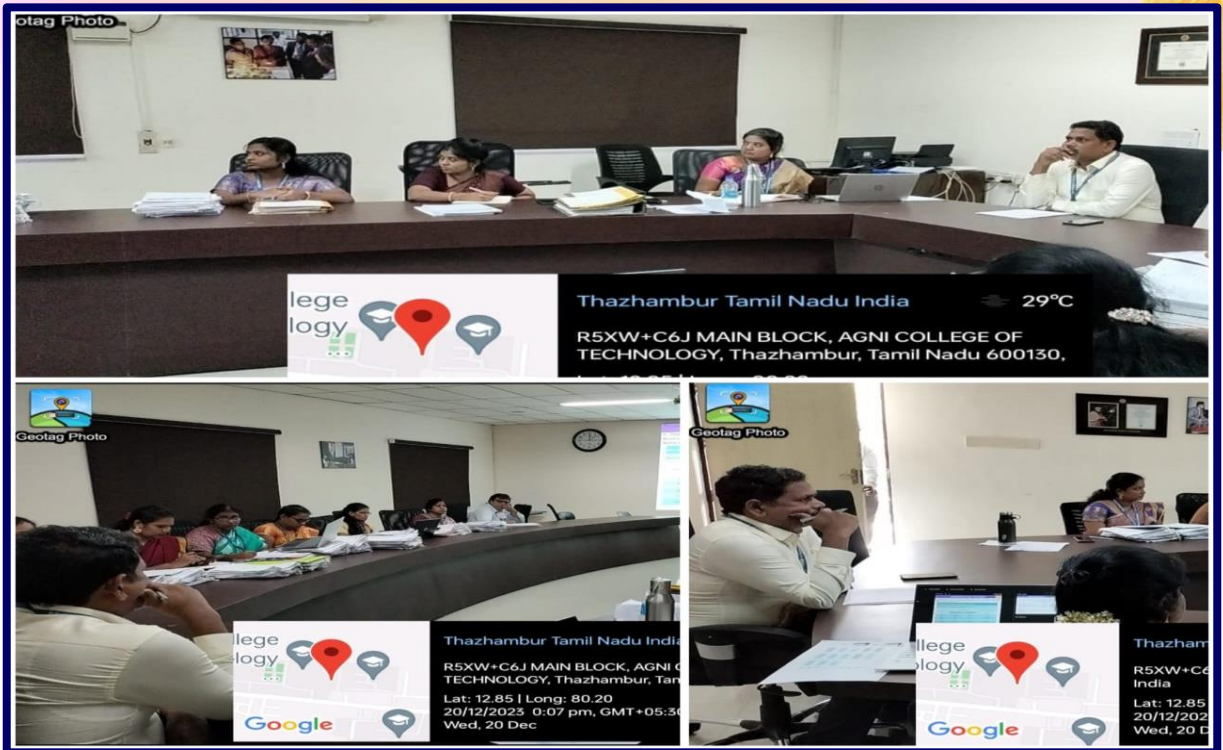
DARM



The **Department Academic Review Meeting** was conducted for the **Mechanical Engineering Department**, on December 19, 2023. Dr.P.Purushothaman, Head convened the meeting. Dr.Srinivasan Alavandar, Principal/ACT, had reviewed the progress, syllabus coverage, student performance in IAT, & placement.

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DARM



The Department Academic Review Meeting was conducted for the Department of Computer Science and Engineering on 20th December 2023. Dr.L.Sharmila/Head presented the Department Academics to Dr.Srinivasan Alavandar/Principal in the presence of department faculty members & Dr.T.Anand/IQAC Coordinator and discussed the Department Progress, Curriculum Coverage, IAT results, & previous year Anna University Result Analysis and suggestions for improvement.

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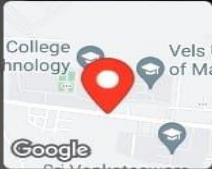


DARM



Dec 19, 2023 15:25:51

R5XW+C6J Thazhambur Tamil Nadu
600130 India
12°85'N 80°20'E
-73.6m Altitude



The Department Academic Review Meeting was conducted for the Department of Information Technology on December 19, 2023. Dr.S.Geerthik / Head of the department presented the Department Academics to Dr.Srinivasan Alavandar, Principal in the presence of department faculty members & Dr.T.Anand / IQAC Coordinator and discussed the Department Progress, Curriculum Coverage, IAT results, & previous year Anna University Result Analysis and suggestions for improvement.

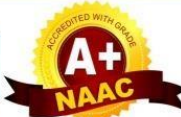
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DEPARTMENT ACTIVITY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organises

AN EXPERT TALK

on

"Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"

Resource Person:
Er. BRITTO SHIBI
Co Founder & CTO,
Medcuore Medical Solutions Pvt Ltd
Royapuram
Chennai, Tamilnadu, India.

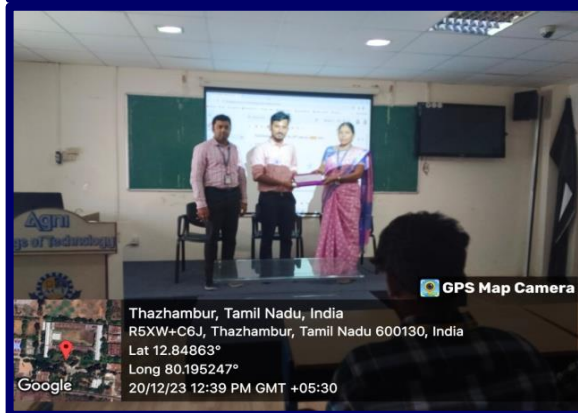
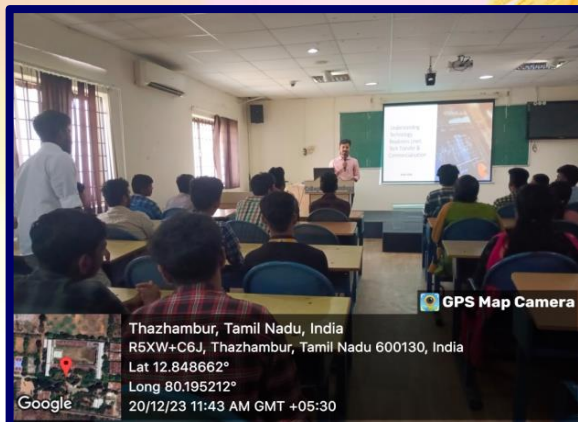
20.10.2023 11.30am Smart Class Room, ACT

IIC Coordinator
Dr.R.Ratheesh
AP, ECE

Dr.N.V.S.SreeRathna Lakshmi
Prof.HoD ECE

Dr.KalaiMurugan
President-IIC, ACT

Dr.Srinivasan Alavandar
PRINCIPAL, ACT



Department of Electronics and Communication Engineering has conducted IIC 6.0 Q2 calendar activity – An Expert Talk on **“Process of Innovation Development & Technology Readiness Level (TRL) & Commercialization of Lab Technologies & Tech-Transfer”** on December 20, 2023. The resource person was **Er. Britto Shibi**, Co-founder and CTO, Medcuore Medical Solutions Pvt Ltd, Chennai, organized by Dr. R. Ratheesh, Assistant Professor and Dr. N.V.S. Sree Rathna Lakshmi, Professor/Head.

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FACULTY ACHIEVEMENT

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341077741 A

(19) INDIA

(22) Date of filing of Application :15/11/2023

(43) Publication Date : 15/12/2023

(54) Title of the invention : ARTIFICIAL INTELLIGENCE-POWERED BATTERY DRAIN PREDICTION AND OPTIMIZATION FOR ELECTRIC VEHICLES



(51) International classification :G06N0020000000, G06N0003040000, B60L0053630000, G06N0003080000, H04W0052020000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA

(71)Name of Applicant :

1)Ms. Radhika Somakumar

Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode: 600130

2)Ms. Anuja Prashant Diwan

3)Mr. Mondru Chiranjeevi

4)Dr. V. Y. Kondaiah

5)Mr. D Venkatabramhanaidu

6)Prof. Shital Narayan Gavade

7)Mr. Banavath Manthru Naik

8)Dr. Vardhana Syamala

9)Mr. B. Siva Sankar

10)Dr. Shaik Rafi Kiran

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Ms. Radhika Somakumar

Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode: 600130

2)Ms. Anuja Prashant Diwan

Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Agni College of Technology, Chennai, Tamilnadu, India, Pincode: 600130

3)Mr. Mondru Chiranjeevi

Address of Applicant :Assistant Professor, Department of EEE, Vikas Group of Institutions, Nunna, Vijayawada, Krishna, Andhra Pradesh, India, Pincode: 521212

Ms. Radhika Somakumar & Ms. Anuja Prashant Diwan
Department of Electrical and Electronics Engineering have filed a patent (Application no. 202341077741 A) titled **“Artificial Intelligence – Powered Battery Drain Prediction and Optimization for Electric Vehicles”** under IPR Publication, India.

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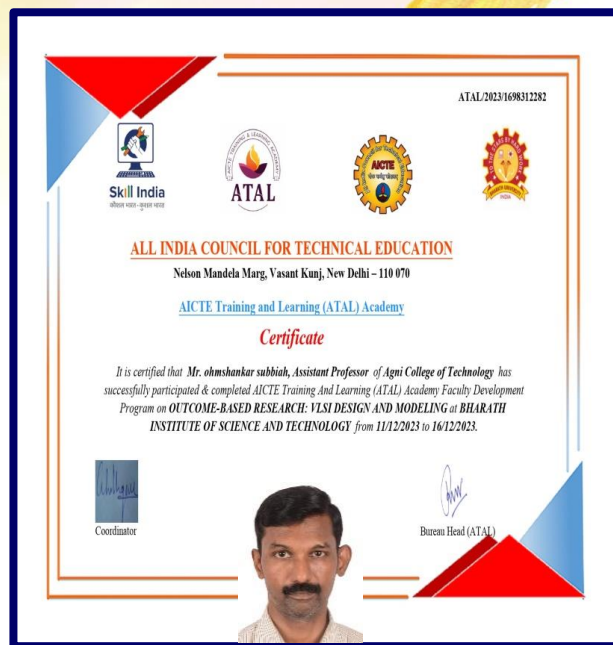
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FACULTY ACHIEVEMENT



Mr. S. Ohmshankar, and Ms. D. Maheswari, Assistant professors in the Department of Electronics and Communication Engineering have participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program on **“Outcome-Based Research: VLSI Design and Modeling”** from 11.12.23 to 16.12.23 at Bharath Institute of Science and Technology.

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FACULTY ACHIEVEMENT

Experimental exploration of mechanical behaviour of graphene oxide blend polymer nanocomposites

Manikandaraja G., Pandiyarajan R., Vasanthanathan A., Sabarish S. ▼

Pigment & Resin Technology

ISSN: 0369-9420

Article publication date: 21 December 2023

Permissions

DOWNLOADS



Abstract

Purpose

This study aims to evaluate the development of composites made of epoxy (E) resin with different weight percentages of polypropylene (PP) and graphene oxide (Go) to form nanocomposite plates.

Related articles

Graphene oxide/epoxy acrylate nanocomposite production via SLA and importance of graphene oxide surface modification for mechanical properties
Emrah Uysal et al., Rapid Prototyping Journal, 2021

Dr.R.Pandiyarajan, Professor & Head, Department of Mechatronics Engineering, published a paper on the title **Experimental exploration of mechanical behaviour of graphene oxide blend polymer nanocomposites** in the journal of **Pigment & Resin Technology-SCIE & Anna University Annexure-I**, indexed and available online from 20th December 2023.

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FACULTY ACHIEVEMENT



Dear Dr.Ishwarya M.V

Congratulation! We have processed your application!

Number of Applicant for Women Face of the year : 1850 (Till Date)

Note : The Survey was done on the basis of information provided; Google search engine was used for verifying your presence and Authenticity. We used Social media tool for digital and progress. The Certification was verified and previous awards/title was scrutinised with media preferences and the organisation check.

Status of Your Application: Selected



Dr. Ishwarya M. V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science has been selected for the award "**Women Face Of the Year 2024**" among 1850 applicants by Fox Story ,India on 19-12-2023.

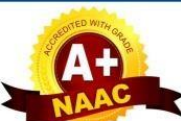
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FACULTY PARTICIPATION



Dr. S. Sundramoorthy, Assistant Professor, Department of Science and Humanities (Physics), has participated in the **“Two Days Workshop –Hands-On Training programme on Synthesis of Crystalline Materials and their Structural and Optical Characteristics”** organized by Department of Physics at Sri Sivasubramaniya Nadar College of Engineering, Chennai on 15th and 16th December 2023.

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FACULTY PARTICIPATION



Dr. Sureka N, Head, Department of Biomedical Engineering, has participated in the online **Faculty Development Program** on “**Modern Medical Instrumentation**” organized by the Department of Biomedical Engineering SRM in association with the Biomedical Engineering Society of India (BMESI) from 4th to 8th December, 2023.

PUZZLE WINNERS

Fill in the missing numbers:

The missing numbers are integers between 0 and 5.

The numbers in each row add up to totals to the right.

The numbers in each column add up to the totals along the bottom.

The diagonal lines also add up the totals to the right.

ANSWERS

						16
4	2	2	0	0	1	9
2	4	4	3	3	3	19
3	2	2	2	5	3	17
0	2	5	1	3	2	13
0	1	1	2	0	3	7
4	4	1	1	1	1	12
13	15	15	9	12	13	12



P.G. Keerthana, and N.G.P. Keerthi, I Year Students, Computer Science Engineering, Gracelin, II year Student, Computer Science Engineering are **winners of the puzzle challenge** announced on 18.12.23.

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