

A DAILY NEWSLETTER

Editor in Chief

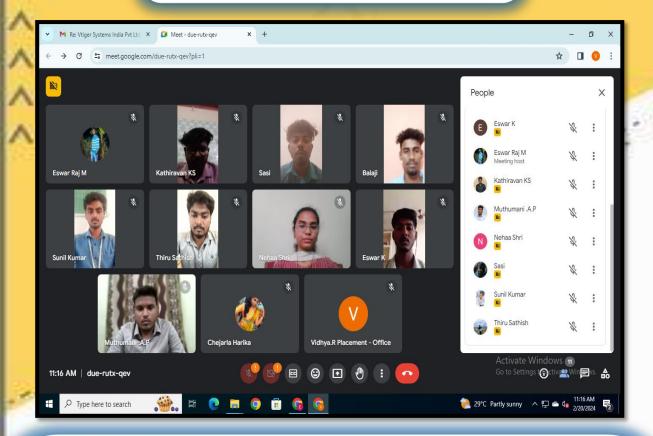
Editors

Dr. Srinivasan Alavandar Principal, ACT Ms N Dhivya, AP - S&H Ms S Archana AP - EEE Mr V Kothantapani - EEE II Year





PLACEMENT NEWS



Final year shortlisted students from the departments of Computer Science Engineering, Electronics & Communication, and Electrical & Electronics Engineering attended Virtual Group Discussion conducted by Vtiger Systems India Pvt. Ltd. on 20th February, 2024. Vtiger is a leading cloud CRM solution architected on an industry-leading open source core.







PLACEMENT NEWS



18-21 LPA VIRTUAL

B.E/ B.Tech CSE, IT.

20.2.2024 ECE & EEE (Female)













Final year female candidates from the departments of Computer Science Engineering, Information Technology, & Electrical and Electronics Engineering attended Walmart **CodeHers 2024,** the hiring challenge conducted exclusively for women virtually and organized by Walmart Global Tech on 20th February, 2024.





PLACEMENT NEWS





Final year Students from Biomedical Engineering and Electrical Engineering attended placement drive conducted by Endocare India Pvt. Ltd. at their company premises on 20th February, 2024. Endocare India Pvt. Ltd., a medical equipment manufacturer in Chennai, distinguishes itself as a leader in redefining health care delivery.









STUDENT PLACEMENT



Ms. Kavitha Sree G C, IV year student, Department of Biomedical Engineering, has been successfully placed in "APPASAMY ASSOCIATES" as a production trainee-green laser (ophthalmoscope) on 19th February, 2024, with a CTC of Rs. 1.5L/per annum.











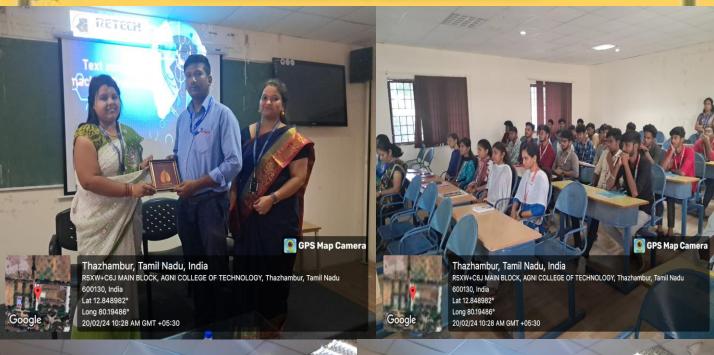
AIDS SEMINAR



The Department of Artificial Intelligence and Data Science has organized a seminar on the topic of "Text Processing and Machine Translation" on 20th February 2024, from 10.30 a.m. to 11.45 a.m. . Resource Person: M.Tharik Anwar, Software Developer from RETECH LASERS. Hands-on training on artificial intelligence was given to the students, and the seminar benefited the students.



GALLERY





Agnı College of Technology 🔬







GALLERY



BE AN ACTioneer, Aspire To BE the BES

Thazhambur, Tamil Nadu, India

600130, India

Lat 12.848711°

Long 80.195305°

20/02/24 10:32 AM GMT +05:30

R5XW+C6J MAIN BLOCK, AGNI COLLEGE OF TECHNOLOGY, Thazhambur, Tamil Nadu



Thazhambur, Tamil Nadu, India

600130, India

Lat 12.848982°

Long 80.19486°

20/02/24 10:27 AM GMT +05:30

R5XW+C6J MAIN BLOCK, AGNI COLLEGE OF TECHNOLOGY, Thazhambur, Tamil Nadu

FACULTY ACHIEVEMENT



P. Chitra, Assistant Professor, Department of Electronics and Communication Engineering, has successfully defended her doctor of philosophy (Ph.D.) viva voce examination on "Forecasting air pollution model during real time environment based on deep featured neural classifier" at Anna University on 16.02.2024.









FACULTY ACHIEVEMENT

Journal of Energy Storage 84 (2024) 110931



Contents lists available at ScienceDirect

Journal of Energy Storage

journal homepage: www.elsevier.com/locate/est



Review article

Carbon fiber-reinforced polymers for energy storage applications



Kamal Batcha Mohamed Ismail a,1 , Manoharan Arun Kumar b,* , Shanmugam Mahalingam c,1 , Balwinder Raj d , Junghwan Kim c,*



^{561203,} Karnataka, India



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ARTICLEINFO

Keywords: Carbon fiber reinforced polymers Advanced electrochemical energy storage Supercapacitors Fuel cells

ABSTRACT

Advanced electrochemical energy storage devices (EESDs) are essential for the seamless integration of renewable energy sources, ensuring energy security, driving the electrification of transportation, enhancing energy efficiency, promoting sustainability through longer lifespans and recycling efforts, facilitating rural electrification, and enabling the resilience of microgrid systems. Their versatile role is pivotal in advancing the transition to a more sustainable, reliable, and efficient energy landscape. Carbon fiber reinforced polymers (CFRP) offers a promising avenue for the development of advanced EESDs, such as supercapacitors, batteries and fuel cells. Their lightweight properties, excellent electrical conductivity, robust mechanical strength, flexibility, and adjustable electrochemical performance make them a compelling choice. These carbon based fibers have the potential to significantly improve the efficiency and versatility of EESDs, paving the way for more sustainable and highperformance energy storage solutions. This comprehensive review places a distinct emphasis on elucidating the properties of carbon fiber reinforced polymer electrode materials and delves into recent advancements in their fabrication methods. Furthermore, the paper explores their evolving role in various energy storage applications. Additionally, this review provides a succinct overview of the existing challenges and offers insights into the potential future directions in the advancement carbon fiber-based composite electrode materials.

K. Mohamed Ismail, Assistant Professor, Department of Electronics Communication Engineering, and published a manuscript titled "Carbon fiber - reinforced polymers for energy storage applications" in the Journal of Energy Storage, Scopus, and SCI, indexed with IF: 9.2.







FACULTY PARTICIPATION



Dr. Sureka N, Head, Department of Biomedical Engineering, has successfully participated in the webinar on "Pharmacogenomics and Micro RNA Regulatory networks in Psoriasis" organized by the IEE Student Branch on 04th February,2024. at Study World College of Engineering, Coimbatore.









FACULTY PARTICIPATION





FACULTY DEVELOPMENT PROGRAMME (FDP) ON APPLICATIONS OF ARTIFICIAL INTELLIGENCE TECHNIQUES IN MECHANICAL ENGINEERING SYSTEMS

CERTIFICATE

Dr. Narendranathan S K

Agni College of Technology

This is to certify that

has attended

a five day online FDP on "Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems" from 05th February 2024 to 09th February 2024, organized by the Division of Mechanical Engineering in collaboration with Technology mission on Green and Sustainable Manufacturing, Karunya Institute of Technology and Sciences.

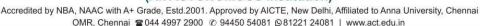
DR. L. GODSON ASIRVATHAM CONVENOR, HOD/MECH

Dr. S.K. Narendranathan, HOD, Department of Aerospace Engineering, has attended five days online FDP Programme on Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems from February 5th to 9th, 2024, organised by the Karunya Institute of Technology and Sciences.









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FACULTY PARTICIPATION



(arunya INSTITUTE OF TECHNOLOGY AND SCIENCES



FACULTY DEVELOPMENT PROGRAMME (FDP) ON APPLICATIONS OF ARTIFICIAL INTELLIGENCE TECHNIQ IN MECHANICAL ENGINEERING SYSTEMS



CERTIFICATE

This is to certify that

Mr.Prasanth S

Agni College of Technology, Chennai

has attended

a five day online FDP on "Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems" from 05th February 2024 to 09th February 2024, organized by the Division of Mechanical Engineering in collaboration with Technology mission on Green and Sustainable Manufacturing, Karunya Institute of Technology and Sciences.

> DR. L. GODSON ASIRVATHAM CONVENOR, HOD/MECH

Mr.S.Prasanth, Assistant Professor, Department of Aerospace Engineering, has attended five days online FDP Programme Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems from February 5th to 9th, 2024, organised by the Karunya Institute of Technology and Sciences.









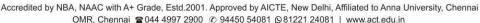


FACULTY PARTICIPATION



Mr.A.Surenderpaul, Assistant Professor, Department of Aerospace Engineering, has attended five days online FDP Programme on Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems from February 5th to 9th, 2024, organised by the Karunya Institute of Technology and Sciences.





FACULTY PARTICIPATION



FACULTY DEVELOPMENT PROGRAMME (FDP) ON APPLICATIONS OF ARTIFICIAL INTELLIGENCE TECHNIQUES IN MECHANICAL ENGINEERING SYSTEMS

CERTIFICATE

This is to certify that _____ Mr. Yokesvaran K

Agni College of Technology, Chennai h

a five day online FDP on "Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems" from 05th February 2024 to 09th February 2024, organized by the Division of Mechanical Engineering in collaboration with Technology mission on Green and Sustainable Manufacturing, Karunya Institute of Technology and Sciences.

DR. L. GODSON ASIRVATHAM CONVENOR, HOD/MECH

Mr.K,Yokesvaran Assistant Professor, Department of Aerospace Engineering, has attended five days online FDP Programme on Applications of Artificial Intelligence Techniques in Mechanical Engineering Systems from February 5th to 9th, 2024, organised by the Karunya Institute of Technology and Sciences.









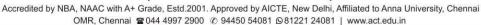


ALUMNI ACHIEVEMENT



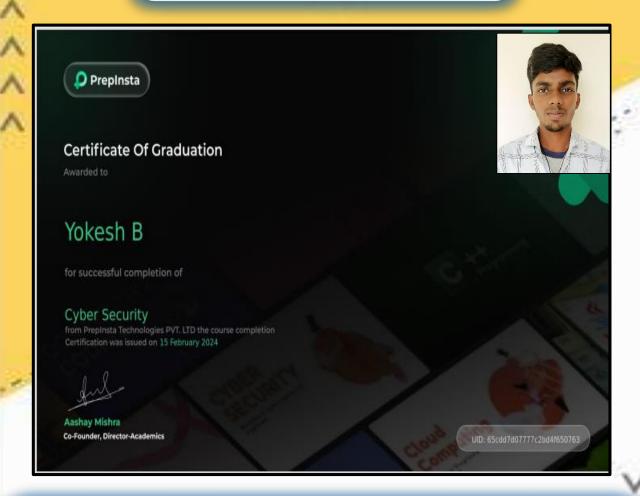
Mr.Santhosh Raj Mohan, 2022 passed out student of CSE, Department of Agni College of Technology, had joined as a full-time postgraduate for the Master of Science in Artificial Intelligence at "QUEEN'S UNIVERSITY BELFAST", Northern Ireland, United Kingdom. Mentored by Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science. The course commences in September 2024.







STUDENT ACHIEVEMENT



Yokesh B, III Year Student, Department of Information Technology, has completed an online course on "Cyber Security" organized by Prepinsta on February 15, 2024.









STUDENT ACHIEVEMENT





CERTIFICATE OF COMPLETION

Presented to

A.Pushpapriya

For successfully completing a free online course Introduction to Digital Marketing

Provided by
Great Learning Academy

(On February 2024)

Pushpapriya A., III year student in the Department of Civil Engineering, has successfully completed an online course on **Introduction to Digital Marketing** conducted by Great Learning Academy in the month of February 2024.









STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION



Altair® Inspire Cast

SONU KUMAR PODDAR

This certificate confirms the successful completion of the course Inspire for Casting v2022 Interactive

February 18, 2024

Mr. SONU KUMAR PODDAR, II year, Department of Mechanical Engineering, has participated and successfully completed the course titled "Inspire for Casting v2022 Interactive" conducted by Altair on 18th February, 2024.











STUDENT PARTICIPATION



CERTIFICATE
OF COMPLETION



Altair® EDEM

KALAISELVAN RAVI

This certificate confirms the successful completion of the course EDEM - Coupling with MotionSolve

February 19, 2024

Mr. KALAISELVAN R , III year , Department of Mechanical Engineering , has participated and successfully completed the course titled "**EDEM – Coupling with MotionSolve**" conducted by Altair on 19th February, 2024.











STUDENT ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

SWETHA M

For successfully completing a free online course

Agile for Beginners

Provided by

Great Learning Academy

(On February 2024)

Swetha M.,III year, Department of Computer Science and Engineering, has completed an online certificate titled **Agile for Beginners** in the month of February 2024, conducted by **Great Learning Academy**.









STUDENT PARTICIPATION



NT ZAIT41

Certificate of Completion

This is to certify that Mr. /Ms. DEEPA has successfully completed the 2

hour Worshop in AI CHATBOT Using NLP on February 11th 2024 conducted

by NoviTech R&D Private Limited.





Director Novitech R&D Pvt. Ltd.

Deepa M., III year, Department of Computer Science and Engineering, has successfully completed 2 hour workshop in AI CHATBOT using NLP on 11th February, 2024, conducted by NoviTech R&D Private Limited.



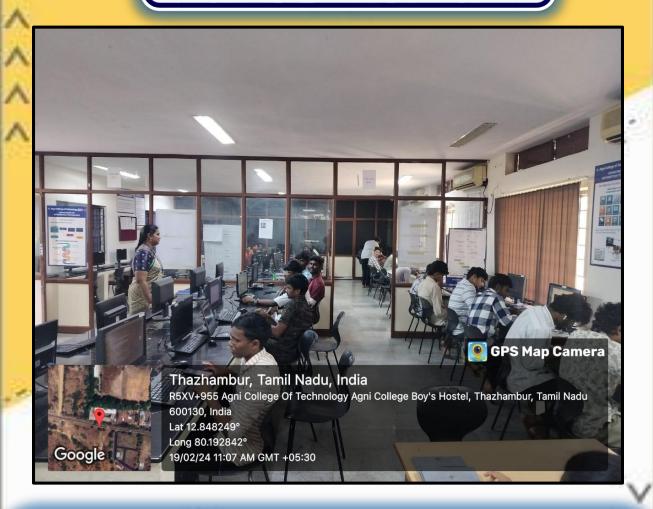








NAAN MUDHALVAN PROGRAM



III year students in the Department of Information
Technology have attended the "Naan Mudhalvan Prompt Engineering" training on February 19, 2024.







CAMPUS TO CORPORATE TRAINING



Third year students, Department of Chemical Engineering have attended the "Campus to Corporate" training session on 20th February 2024. The session focused on Time Management, its importance, and methods to implement it. The students wrote and presented about the process of planning and controlling how much time to spend on specific activities.



STUDENT ACTIVITY





III year students in the Department of Civil Engineering model **Determinate** have presented on **Indeterminate Structures** as a part internal components for the subject Structural Analysis-II under the guidance of the subject in charge, Mr. Mr.S.venkateswaran, Assistant Professor, on 20th February 2023.









DEPARTMENT MEETING



Dr. Arul Kulandaivel, Head, Department of Science and Humanities, conducted the meeting on 20th February, 2024 with 1st year subject handling faculty members. Regarding the preparedness and readiness in conducting 1st year lab practical's, The significant points discussed in the meeting are listed below.

Ensuring to check the dummy mark sheets created and maintaining separate sheets session-wise. • See to it that student records are verified and signed. • Motivating students with the instructions to create spark within. • Building teamwork with integration for smooth conduct of lab practical tests.





STUDENT REPOSITORY



Keerthika N, III year, Department of Computer Science and Engineering, has skillfully depicted an art featuring beautiful girl child adorned in traditional attire..







