

IGNITE 2024



A DAILY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

Mr. K. Balaji Sundharam, AP - S&H
Ms. S. Archana AP - EEE
Mr. V. Kothantapani - EEE II Year

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PLACEMENT NEWS



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nirf

NBA

Training and Placement Cell

Heartly Welcomes

COUNSELLING
CODE
1316



KAAR Technologies
Recruitment Team for Pre Placement Talk



Date:
27-8-2024

Eligible Department:
**CSe | IT | AIDS
ECE | EEE | MECH
MAE | MHT**



The final year students of **CSE, IT, AIDS, EEE, ECE, MHT, MAE and Mechanical Departments**, attended the **KAAR Technologies** Company's "Pre-Placement Talk" on **27th August 2024** at Seminar Hall. **KAAR Technologies**, is a Global SAP Consulting and Services provider with an esteemed global clientele. They help companies to achieve their business objectives by leveraging deep SAP expertise, domain-knowledge and IT best practices.

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GALLERY



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AGNI BOOT CAMP TRAINING – DAY 6



AGNI, accelerates the training for all the Final year students. The “**Boot Camp Training**” commences from 19th August 2024 till 27th August 2024, provided by an external vendor. The training Covers aptitude and domain-specific technical sessions.

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FOUNDATION COURSE – DAY - 9



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ADMISSIONS OPEN 2024-25

COUNSELING CODE
1316



Foundation Course for Freshers 2024

DAY 9

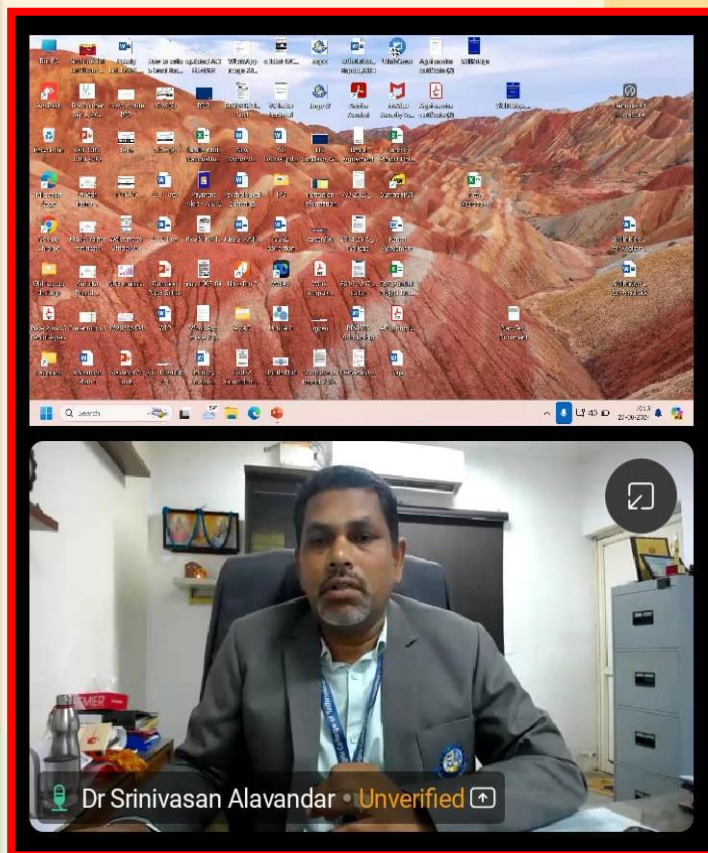
21st CENTURY SKILLS

27.08.2024
10.00am to 12.00pm

Resource Person
Dr. Srinivasan Alavandar
Principal,
Agni College of Technology

Mode:
ONLINE

Platform:
Cisco WebEx



Dr. Srinivasan Alavandar, Principal, Agni College of Technology, Guest Speaker of the day, had an interesting session on **“21st Century Skills”**. It was an enthusiastic and interactive session, held on 27th August 2024, for the upcoming first years.

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SPACE DAY CELEBRATION



The Department of Electronics and Communication Engineering, conducted a poster making contest and Technical Seminar on account of the “National Space Day Celebration” on 23rd August 2024, at the Smart room. The IInd and IIIrd year students from various departments have participated in this event. The theme of the contest included “Milestones of Indian space exploration, technological development and future exploration”. The event was coordinated by Ms. D. Maheswari, Senior Assistant Professor and Dr. R. Ratheesh, Head/ECE. We thank the reviewers, Dr. Arul Kulandaivel, Head/S&H, Mr. M. Aravindan, Head/EEE, and Mr. Prashanth, AP/Aerospace Engineering.

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FACULTY ACHIEVEMENT



Mr. N. Arunodhaya, Assistant Professor, Department of Chemical Engineering, published a paper titled **“Electrolytic biodiesel production from spent coffee grounds: Optimization through response surface methodology and artificial neural network”** in the Journal of the Taiwan Institute of Chemical Engineers on 06th August 24. **Impact factor: 5.5.**

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FACULTY ACHIEVEMENT

Colloids and Surfaces A: Physicochemical and Engineering Aspects 702 (2024) 135138

Contents lists available at ScienceDirect

Colloids and Surfaces A: Physicochemical and Engineering Aspects

Journal homepage: www.elsevier.com/locate/colsurfa

Optimized energy storage with hydrothermally synthesized metal sulfide nanocomposite electrodes

Kamal Batcha Mohamed Ismail^{a,b}, Manoharan Arun Kumar^{a,c}, Ramasamy Jayavel^d, Mukannan Arivanandhan^e, Mohamed Abubakkar Mohamed Ismail^f, Shannugam Mahalingam^g, Junghwan Kim^h

^a Department of Electrical, Electronics and Communication Engineering, School of Technology, Gandhi Institute of Technology and Management (GITAM), Bengaluru, Karnataka 561203, India
^b Department of Electronics and Communication Engineering, Agni College of Technology, Chennai, Tamil Nadu 600130, India
^c Centre for Nanoscience and Technology, Anna University, Chennai, Tamil Nadu 600 025, India
^d Department of Materials System Engineering, Pukyong National University, Busan 48513, South Korea

GRAPHICAL ABSTRACT

ARTICLE INFO

Keywords:
 Molybdenum disulfide
 Tungsten disulfide
 Hydrothermal method
 Supercapacitors
 Energy storage devices

ABSTRACT
 Supercapacitors exhibit impressive energy storage capabilities, providing high power density and quick charge/discharge cycles across various applications, including electronics and renewable energy systems. Molybdenum disulfide (MoS₂) plays a crucial role in enhancing supercapacitor performance through its high surface area, conductivity, and electrochemical stability. Recent reports have shown that manipulating phase transitions and incorporating dopants or substitutions can significantly enhance the performance of 2D materials. The present study investigated the influence of tungsten substitution on the phase changes and electrochemical properties of MoS₂. The hydrothermal synthesis process involved the substitution of tungsten with different concentrations, leading to a notable phase change from 2H to 1T, as confirmed by X-ray diffraction (XRD) analysis. Morphological studies using scanning electron microscopy (SEM) and high-resolution transmission electron microscopy (HR-TEM) revealed modifications in the morphological structure. The electrochemical performance of pristine

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 E-mail addresses: mahamedk2011@gmail.com (M.A. Kumar), jungkwan.kim@pknu.ac.kr (J. Kim).

<https://doi.org/10.1016/j.colsurfa.2024.135138>
 Received 11 July 2024; Received in revised form 13 August 2024; Accepted 16 August 2024
 Available online 22 August 2024
 0927-7757/© 2024 Elsevier B.V. All rights are reserved, including those for text and data mining, AI training, and similar technologies.

Mr. K. Mohamed Ismail, Assistant Professor, Electronics and Communication Engineering, published an article titled **“Optimized energy storage with hydrothermally synthesized metal sulfide nanocomposite electrodes”** in the journal of *Colloids and Surfaces A: Physicochemical and Engineering Aspects* indexed in **Scopus, SCI (IF: 4.9)**.

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5th International Conference on Smart Electronics and Communication (ICOSEC 2024)
18-20, September 2024 | Trichy, India
icosec.com | icsec.conf@gmail.com

Acceptance Letter

Paper ID	ICOSEC - 881
Paper Title	Real-Time Monitoring and Control of Water Resources using IoT Embedded Devices
Author(s)	Ramakrishnan Raman, S. Muthumamilakshmi, Warish Patel, Girish Ni Abhyankar, Amala Preyadarchane J
Affiliation Details	Symbiosis International (Deemed University), Chennai Institute of Technology, Parul University, Agni College of Technology

Greetings!!

We congratulate you on the successful selection to present your aforementioned article at the "5th International Conference on Smart Electronics and Communication (ICOSEC 2024)" organized by Kongunadu Engineering and Technology, Trichy, India on September 18-20, 2024.

Your submission went through a rigorous peer-review process, and we are truly impressed with the quality and significance of your work. The acceptance of your paper reflects its strong contribution to the field of inventive computing and information technologies.



Mrs. Amala Preyadarchane. J, Assistant Professor, Department of Artificial Intelligence and Data Science, received an acceptance for the publication of the research paper titled "Real-Time Monitoring and Control of Water Resources using IoT Embedded Devices ", – Paper ID: ICOSEC - 881 for presentation at the "5th International Conference on Smart Electronics and Communication (ICOSEC 2024)" held on 18th August 2024.

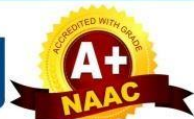
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ICSSAS

2nd International Conference on
Self Sustainable Artificial Intelligence Systems
(ICSSAS 2024)

23-25, October 2024

icssat.com/2024/ | icssa

Letter of Acceptance

Author Name: Bindu S. Ronald, Ramakrishnan Raman, Daxa Vekariya, V Vijaya Baskar, Rahul. J, C. Srinivasan

Affiliation Details: Symbiosis International (Deemed University), India.
Parul University, India.
Sathyabama Institute of Science and Technology, India.
Agni College of Technology, India.
Saveetha School of Engineering, India.

Dear Author:

It is with great pleasure that we extend our warmest congratu on the acceptance of the paper titled “SVM-Enhanced Dynam Screening with IoT-Driven Monitoring for Personalized Hea Management” - Paper ID: ICSSAS 520 for presentation at the 2nd Conference on Self Sustainable Artificial Intelligence Systems, schedu in M.P.Nachimuthu M.Jaganathan Engineering College, Erode, India 23rd to October 25th, 2024.



Mr. Rahul Jaishankar, Assistant Professor, Department of AI&DS, received an acceptance for the publication of the research paper titled “SVM-Enhanced Dynamic Audiology Screening with IoT-Driven Monitoring for Personalized Hearing Health Management”,– Paper ID: ICSSAS 520 for the presentation at the 2nd International Conference on Self Sustainable Artificial Intelligence Systems, scheduled to be held on October 23rd to 25th, 2024.

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FACULTY ACHIEVEMENT

Acceptance Notification - IEEE ACOIT 2024

1 message

Microsoft CMT <email@msr-cmt.org>

Sun, Aug 11, 2024 at 8:40 PM

Reply-To: Vijaya geetha <drvijayageetha@drtit.edu.in>

To: Rajeshkumar Sampathrajan <rajesampathrajan@gmail.com>

Dear Rajeshkumar Sampathrajan

Paper ID / Submission ID : 1174

Title : Personalized Care for Multiple Sclerosis with IoT Wearables and Deep Learning

Greeting from IEEE ACOIT 2024

We are pleased to inform you that your paper has been accepted for the Presentation as for the- "IEEE 2024 ASIAN CONFERENCE ON INTELLIGENT TECHNOLOGIES (ACOIT), Kolar(KGF), K India.

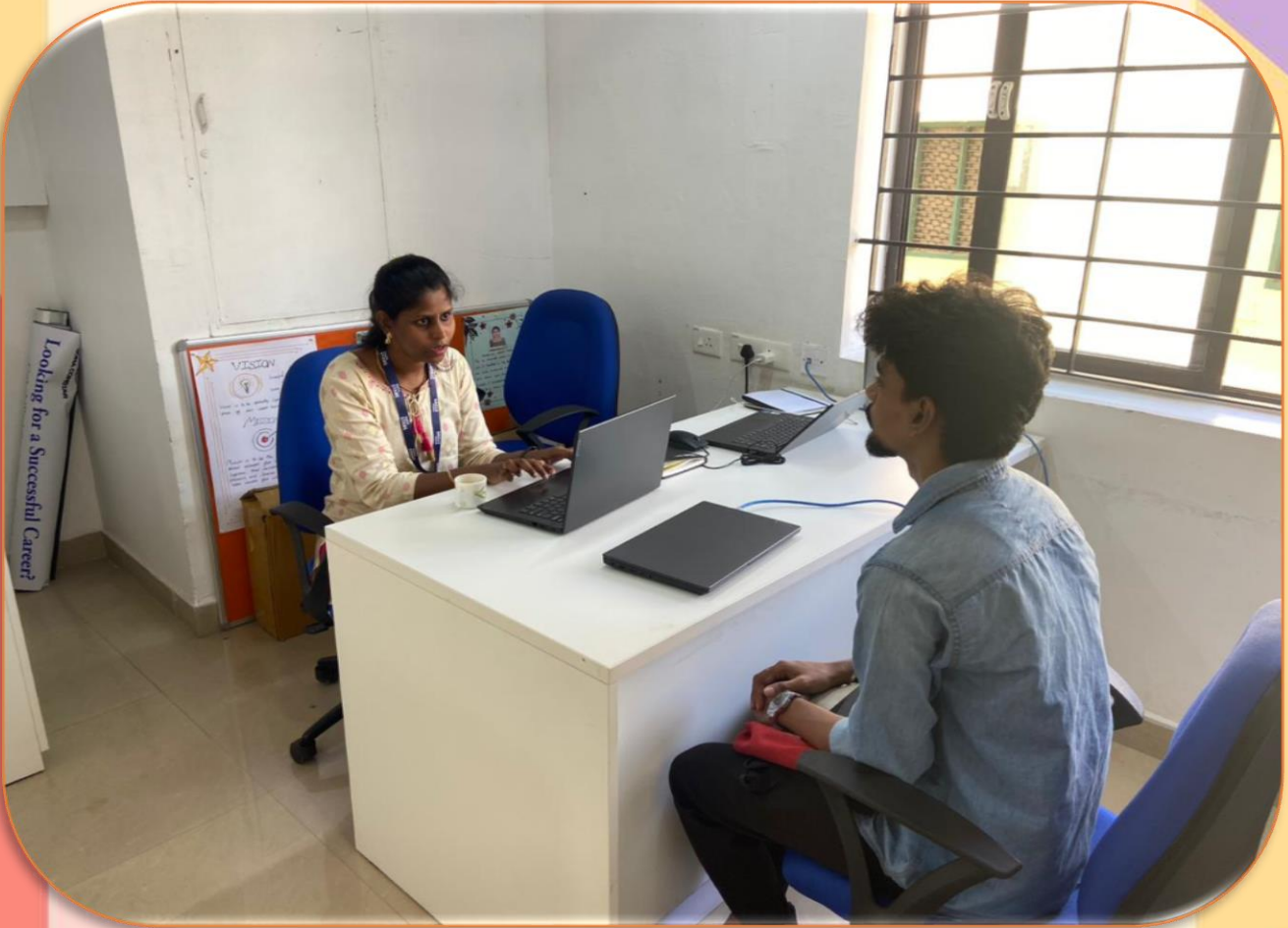
All accepted and presented papers will be submitted to IEEE Xplore for the further publ



Mrs. Pandi Deepa, Assistant Professor, Department of AI&DS, received an acceptance for the publication of the research paper titled **"Personalized Care for Multiple Sclerosis with IoT Wearables and Deep Learning",**– Paper ID: 1174 for presentation at the **"IEEE 2024 ASIAN CONFERENCE ON INTELLIGENT TECHNOLOGIES (ACOIT), Kolar(KGF), Karnataka, India.**

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INTERNSHIP PROGRAM



The student Akash Balaji and eight other final-year Mechatronics students met the HR team at **“TATA STRIVE SKILL DEVELOPMENT CENTRE”** to discuss their internships”.

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STUDENT ACHIEVEMENT

Student **Jeniba C, Dishon Nibiya R K**, III Year Student of Aerospace Engineering, received a **“Pillar of Support Award”** on Sophomore Day 2023-2024 from Department of Science and Humanities.

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STUDENT PARTICIPATION



Mr. Rohan Bernard R, IVth yr, Department of Computer Science and Engineering, completed the Placement Internship program titled, “Business Development” from 8th July to 9th August 2024, associated with Alphind Healthcare.

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STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION

Presented to

ASHAAZ AHMED KHAN A

For successfully completing a free online course
OOPs in Java

Provided by

Great Learning Academy

(On August 2024)



Mr. Ashaaz ahmed khan, IInd yr, Department of Computer Science and Engineering, completed an online course titled “OOPs in Java” on August 2024, provided by Great Learning Academy.

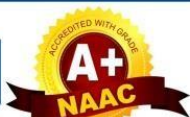
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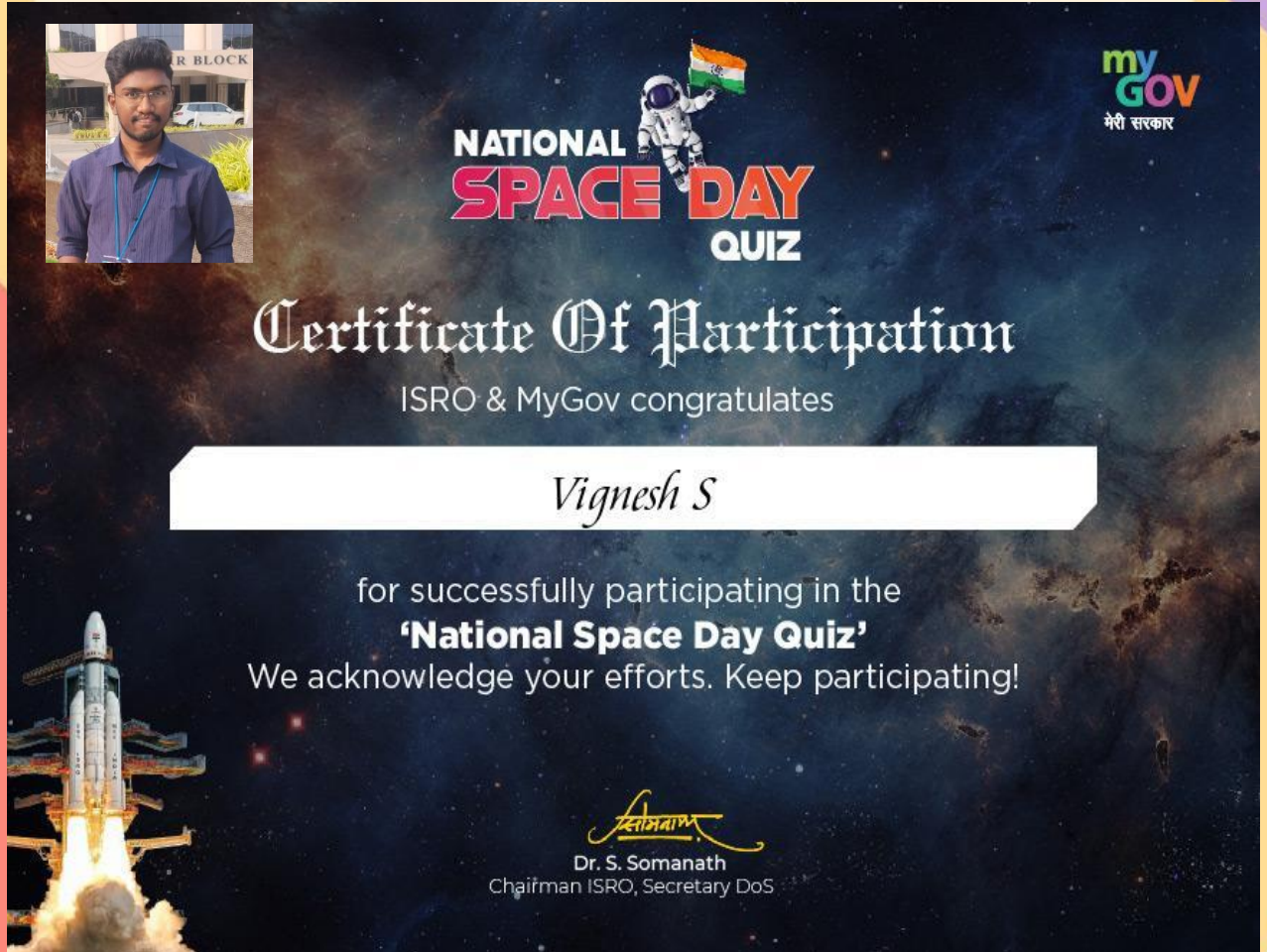
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STUDENT PARTICIPATION



S. Vignesh, IIIrd year, Electronics and Communication Engineering, successfully completed an online Quiz titled “National Space Day” conducted by ISRO and MyGov on 23rd August 2024.

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DEPARTMENT MEETING



Dr. R. Ratheesh, Head/Assistant Professor, Department of Electronics and Communication Engineering, conducted a **Department Meeting with faculties** to discuss Internship permission, Smart Agni Hackathon, Placement & Training, and Alumni Meet Registration.

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