IGNITE 2024



A WEEKLY NEWSLETTER

Editor in Chief

Editors

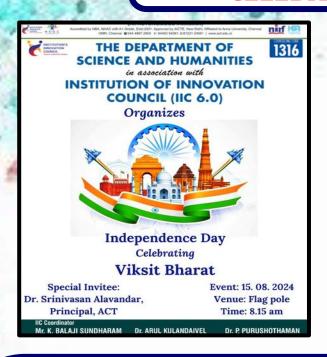
Dr. Srinivasan Alavandar Principal, ACT Mr. K. Balaji Sundharam, AP - S&H Ms S Archana AP – EEE Mr V Kothantapani – EEE II Year





INDEPENDENCE DAY

CELEBRATION





The Department of Science and Humanities has organized the celebration activity as an observance of Independence Day 2024 in association with [IIC 6.0]. Dr. Srinivasan Alavandar, Principal, was the special invitee. The keynote of the address was about to transform the country into a developed entity by 2047. He also insisted that every individual must have the idea of workmanship towards making India a developed country. It can be possible only if every individual strives towards their economic growth. Then the program concluded with a sweet distribution. Mr. Balaji Sundharam, AP/S&H, was the coordinator for the program.







GALLERY





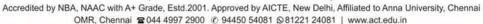




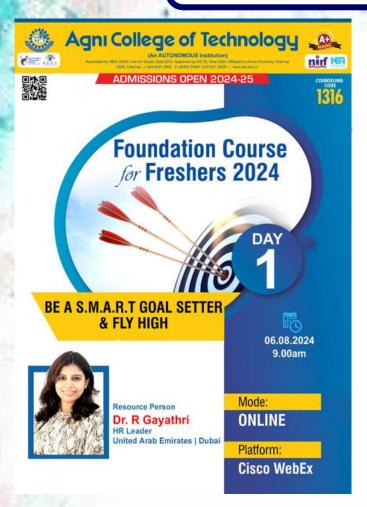


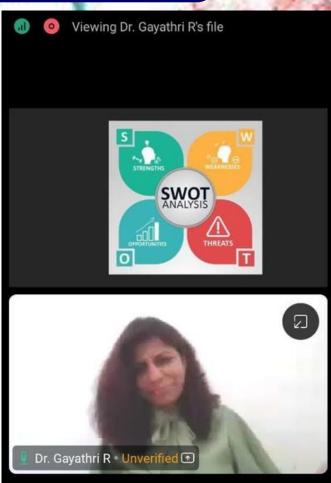






FOUNDATION COURSE - DAY - 1



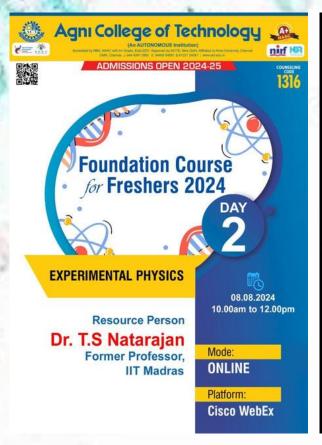


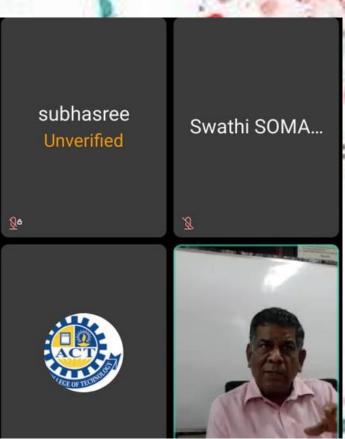
Dr. R. Gayathri, HR Leader, United Arab Emirates, Dubai, Guest Speaker of the day. She has taken an interesting session on "Be **A Smart Goal Setter & Fly High"** for the upcoming first year students during an induction program held on $6^{
m th}$ August 2024.





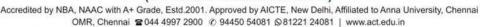
FOUNDATION COURSE - DAY - 2





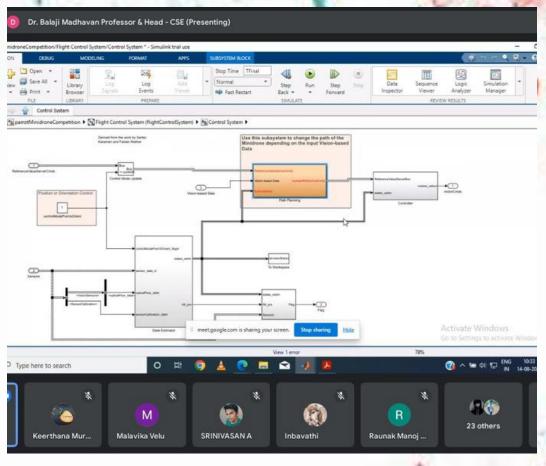
Dr. T. S. Natarajan, Former Professor, IIT Madras, was a Guest Speaker of the day. He has taken highly commendable session throughout the program. The topic of the day was on "Experimental Physics" held on 8th August 2024.





MATHWORKS WEBINAR

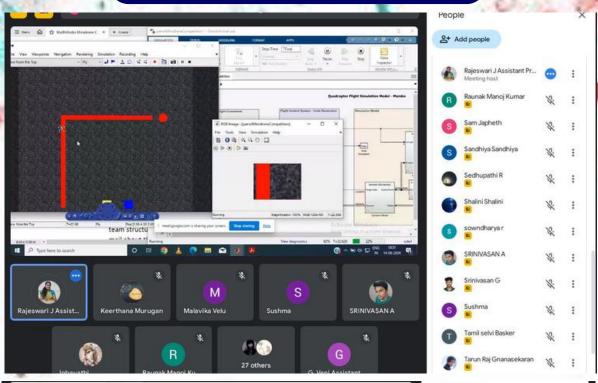


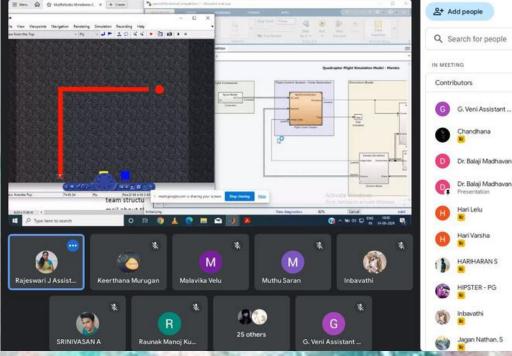


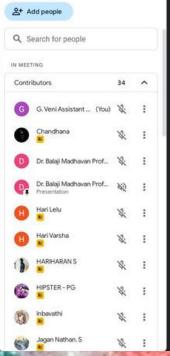
Dr. Balaji Madhavan, Professor/HOD, Department of Computer Science and Engineering has delivered an online webinar on the topic "MathWorks Minidrone Competition" to the students who have enrolled for the competition on 14th August 2024.



GALLERY















PLACEMENT DRIVE GALLERY









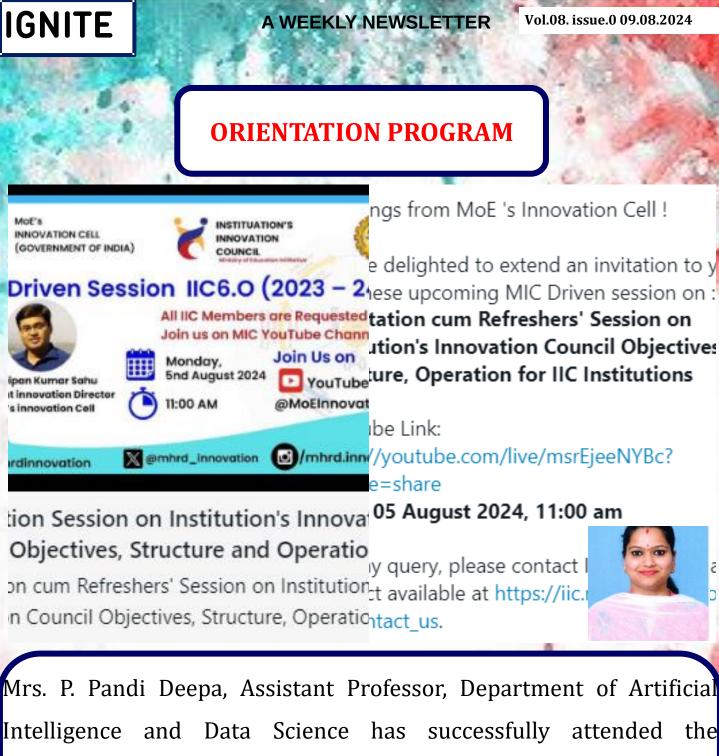












Mrs. P. Pandi Deepa, Assistant Professor, Department of Artificial Intelligence and Data Science has successfully attended the "Orientation Session on Institution's Innovation Council Objectives, Structure and Operation for IIC Institutions" by 11am held on 5th August 2024.







ORIENTATION PROGRAM





Mrs. T. Geetha, Assistant Professor, Department of Artificial Intelligence and Data Science has successfully attended the Webinar Orientation Program on "**Research initiatives and their scopes**" conducted by **SRM Valliammai Engineeering College** held on 6th August 2024.

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FACULTY ACHIEVEMENT

RESEARCH www.commprac.com ISSN 1462 2815

DEVELOPING SMART HOSPITAL MANAGEMENT SYSTEMS WITH IOT AND BIG DATA

Dr. Sabaresan Venugopal ¹, Dr. Kalaimurugan A ², Dr. Sivakumar Sathasivam ³ and Dr. Vinoth R ⁴

¹ Assistant Professor, Department Computer Science and Engineering
St. Joseph's Institute of Technology, OMR, Semmancheri, Chennai, Tamil Nadu.

Email: sabaresanvenugopal@gmail.com

² Professor, Department of Electrical and Electronics Engineering

Agni College of Technology, OMR, Thalambur, Chennai.

Email: murugaakalai@gmail.com

³ Associate Professor, Department Computer Science and Engineering Nehru Institute of Engineering and Technology, T.M Palayam, Coimbatore, Tamil Nadu. Email: sivakumarsathasivampillai@gmail.com

⁴ Assistant Professor, Department Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram, Chennai, Tamil Nadu. Email:captainvinoth@gmail.com



DOI: 10.5281/zenodo.12704653

Abstract

The integration of Internet of Things (IoT) and Big Data technologies into hospital management systems promises to revolutionize healthcare by enhancing patient care, optimizing operational efficiency, and reducing costs. This paper explores the development of smart hospital management systems using IoT and Big Data, examining the key components, benefits, challenges, and prospects. By leveraging IoT sensors and devices, hospitals can collect real-time data, which, when combined with Big Data analytics, can provide actionable insights to improve decision-making processes, streamline workflows, and enhance patient outcomes.

Keywords: Smart Hospital Management, IoT, Big Data.

Dr. A Kalaimurugan, Professor, Department of Electrical and Electronics Engineering has successfully published an article titled "Developing Smart Hospital Management Systems With IoT And BIG DATA" Indexed in Scopus with DOI: 10.5281/zendo.12704653.







Dr. Geerthik S, Head of the Department, Information Technology has attended **IEEE International Conference** at **IFET College of Engineering**, and presented his project titled "An Automated Mood Analysis of Crying Infants Through Sound Recognition using Hybrid Deep Learning" and awarded as **BEST PAPER AWARD** on 19th July 2024.





Dr. Senthil G A, Associate Professor, Department of Information Technology has attended IEEE International Conference at IFET College of Engineering, and presented his project titled "An Automated Mood Analysis of Crying Infants Through Sound Recognition using Hybrid Deep Learning" and awarded as BEST PAPER AWARD on 19th July 2024.



Revolutionizing Military Operations: A Smart Fabrication of Bomb Detection and Diffusing Robot with Location Sharing Feature N. V. Krishnamoorthy, ²V. Sujatha, V. ²G. Naresh, ⁴R.Ratheesh,

Dr. R. Ratheesh, Head/Assistant professor, Department of Electronics and Communication Engineering has published an article titled "Revolutionizing Military Operations: A Smart Fabrication of Bomb Detection and Diffusing Robot with **Location Sharing Feature"** in IEEE 2024, International Conference on Advance in Computing, Communication and Applied Informatics (Scopus Indexed).









taylorfrancis.com/chapters/edit/10.1201/9781003469612-5/convergence-data-analytics-digital-twins-iot-iiot-geerthik-vel-m

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Chapter

The Convergence of Data Analytics, Digital Twins, and the IoT/IIoT

A New Era of Data-Driven Decision Making

By S. Geerthik, N. Vel Murugesh Kumar, P. V. Gopirajan, B. Jaison

Book Digital Twin Technology and Applications

Edition

1st Edition

2024

First Published Imprint

Auerbach Publications

Pages

eBook ISBN 9781003469612

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S. Geerthik, Head of the Department, Information Technology, has published a book chapter titled Convergence of Data Analytics, Digital Twins and the IoT/IIoT" in Taylor Francis on 7th August 2024.







FACULTY ACHIEVEMENT

Artificial Intelligence and Data Science Department, Agni College of Technology, OMR, Chennai.

Dear Sir/Madam.

Sub: Appreciation for sharing your knowledge & Experience in International Virtual FDP – Reg.

The faculty members and Management of MEASI Institute of Information Technology would like to thank you for being a resource person for the Five Days International FDP on "Exploring Frontiers in Teaching Tools, AI and Data Analytics" held on 29.07.2024. The session "Enhancing Education with Artificial Intelligence" was splendid and we have received excellent feedback from the participants on your flawless delivery in the session.



Thanking You,

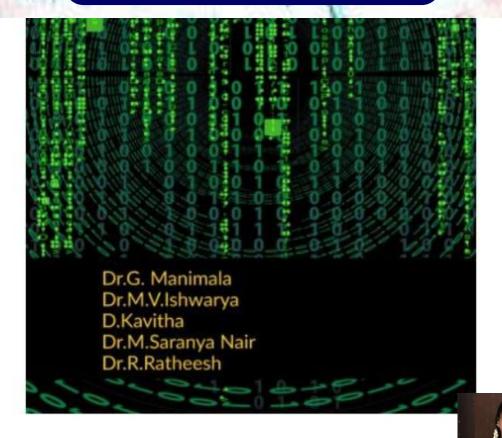
Yours faithfully,
DIRECTOR

Dr. Ishwarya M.V, Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has received an appreciation letter for acting as a resource person to MEASI Institute of Information Technology for the International FDP on "Exploring Frontiers in Teaching Tools, AI and Data Analytics" held on 29th July 2024.



Vol.08. issue.0 08.08.2024

FACULTY ACHIEVEMENT



MASTERING RIG DATA

Dr. Ishwarya M.V, Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has published a book in the International Publications on the topic "MASTERING BIG DATA ANALYTICS: TOOLS TECHNIQUES AND BEST PRACTICES" by Notion Press on 6th August 2024.





Machine Learning for Medical Images

By N. Gopinath (/search?contributorName=N. Gopinath&contributorRole=author&redirectFromPDP=true&context=ubx), M. Suresh Anand (/search? contributorName=M. Suresh Anand&contributorRole=author&redirectFromPDP=true&context=ubx), M.V. Ishwarya (/search?contributorName=M.V. Ishwarva&contributorRole=author&redirectFromPDP=true&context=ubx)

Computational Imaging and Analytics in Biomedical Engineering (https://www.taylorfrancis.com/books/mono/10.1201/9781032669687/computational-imaging-analytics-biomedical-engineering?refid=f5838490-02a3-4509-82c4-d1c25f70e68d&context=ubx)

First Published

Apple Academic Press Imprint

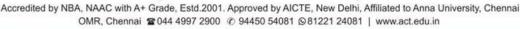
Pages

eBook ISBN 9781032669687

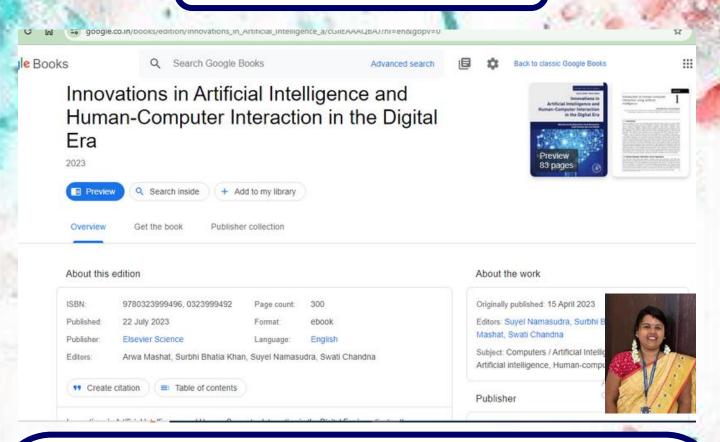
Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has published a book chapter **LEARNING** FOR MEDICAL IMAGES" "MACHINE titled by **Biomedical Analytics** Computational imaging and in Engineering: Algorithms and Applications in Taylor and Francis indexed by **SCI, Scopus** on 6th August 2024.











Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has published a book chapter "INNOVATIONS IN ARTIFICIAL INTELLIGENCE AND HUMAN COMPUTER INTERACTION IN THE DIGITAL ERA" in Taylor and Francis indexed by SCI, Scopus on 7th August 2024.







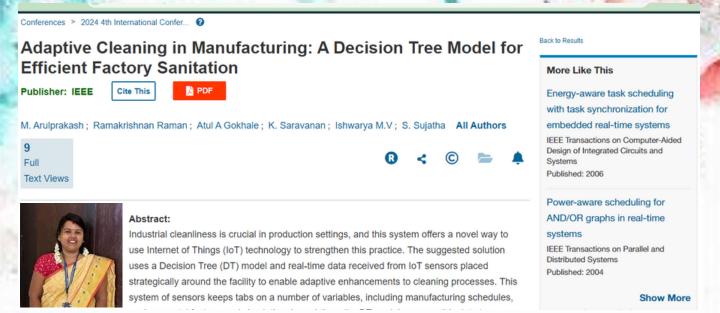
Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has presented and published an article titled "Enhanced Water Security and Resilience in Drought-Prone Zones with IoT and SVM Classifier for Early Warning Systems" in IEEE 2024, International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE, indexed by Scopus on 6th August 2024.

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FACULTY ACHIEVEMENT



Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has presented and published a book chapter titled "Adaptive Cleaning in Manufacturing: A Decision Tree Model for Efficient Factory Sanitation" in IEEE 4th International Conference on Innovative Practices in Technology and Management indexed by Scopus on 7th August 2024.



Conferences > 2024 10th International Confe... 2

Predicting Hand Injury Severity Using Bayesian Networks in Cloud-Based Emergency Medicine

Publisher: IEEE

Cite This



S Yuvaraj; K. Thinakaran; S Porandla Srinivas; S. Sivakumar; M.V Ishwarya; P. Thirumaraiselvan All Authors

16 Full

Text Views













Abstract:

Predicting the severity of hand injuries in emergency care is the focus of this study, which suggests using cloud-based Bayesian networks. It is crucial to have accurate severity prediction in order to treat emergency hand injuries promptly since they are prevalent. By using the scalability and flexibility of cloud computing, this method constructs a Bayesian

Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science, has presented and published a book chapter titled "Predicting Hand Injury Severity Using Bayesian Networks in Cloud-Based Emergency Medicine" in IEEE 10th International Conference on Communication and Signal **Processing, ICCSP** indexed by **Scopus** on 8th August 2024.







FACULTY ACHIEVEMENT

Letter of Acceptance

Details of accepted manuscript:

Paper ID	Paper Title	Author(s)
ICESC-204	Advancing Patient Care for Autonomous Saline Level Alert System with Cloud-based Isolation Forest algorithm	Nandhini R, Dr. G. Sumathi, S. Ramya, Saravanan Thulasi, Dr. Ishwarya M.V, S. Murugan

Dear Authors,

Hearty Congratulations!

We are pleased to inform you that your peer-reviewed and refereed full paper entitled "Advancing Patient Care for Autonomous Saline Level Alert System with Cloud-based solation Forest algorithm" has been accepted for presentation at the 5th International Conference on Electronics and Sustainable Communication Systems (ICESC 2024). The onference will be held at Hindusthan Institute of Technology, Coimbatore, Tamil Nadu, ndia from 7-9 August 2024.

Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science received the acceptance from IEEE International Conference for the title "Advancing Patient Care for Autonomous Saline Level Alert System with Cloud-based Isolation Forest Algorithm" at 5th International Conference on Electronics and Sustainable Communication System(ICESC 2024) will be held at Hindustan Institute of Technology, Coimbatore from 7-9th August 2024,









FACULTY ACHIEVEMENT



DIRECTOR

ANNA UNIVERSITY CHENNAI - 600 025



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Fax: +91-44-2220 1213
Email: dirresearch@annauniv.edu
dirresearch@amail.com

2 4 2 3 4 9 9 7 1 1

Proc.No./Ph.D./24234997119/AR15

Sub: Ph.D. Programme - Ms.Surya U, Research Scholar - Constitution of Doctoral Committee - Orders -

Issued.

Ref: This office Lr.No.CR / Ph.D. / Admn /JUL/2024, dated: 30-07-2024.

Ms.Surya U has been granted provisional registration for Ph.D. Programme under the guidance of Dr.K.Vijayakumar vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

Dr.K.Vijayakumar, Professor
 Department of Information Technology
 St.Josephs Institute of Technology
 Chennai - 600119.

Dr.M.V.Ishwarya, Associate Professor
 Department of Artificial Intelligence and Data Science
 Agni College of Technology



Supervisor/ Convener

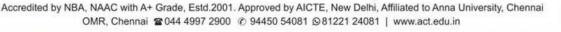
Member

Dr. Ishwarya M.V., Associate Professor, Head of the Department of Artificial Intelligence and Data Science has been nominated as "Anna University Research Scholar Doctoral committee member" to conduct the first Doctoral committee meeting for the Ph.D part time Scholar at St. Joseph's Institute of Technology, by 11am to be held on 13th August 2024.

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Certificate of Presentation

This is to certify that

Dr. Ishwarya M V

has successfully presented the paper entitled

Advancing Patient Care for Autonomous Saline Level Alert System with Cloud-based Isolation Forest algorithm

at the 5th International Conference on Electronics and Sustainable Communication Systems (ICESC - 2024) organised by Hindusthan Institute of Technology, Coimbatore, Indiaduring 7-9, August 2024.







Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science has presented a research article in an IEEE International conference on the title "Advancing Patient Care for Autonomous Saline Level Alert System with Cloud -based Isolation Forest Algorithm" at 5th International Conference on Electronics and Sustainable Communication System(ICESC 2024), held at **Hindusthan Institute of Technology**, Coimbatore from 7-9 August 2024



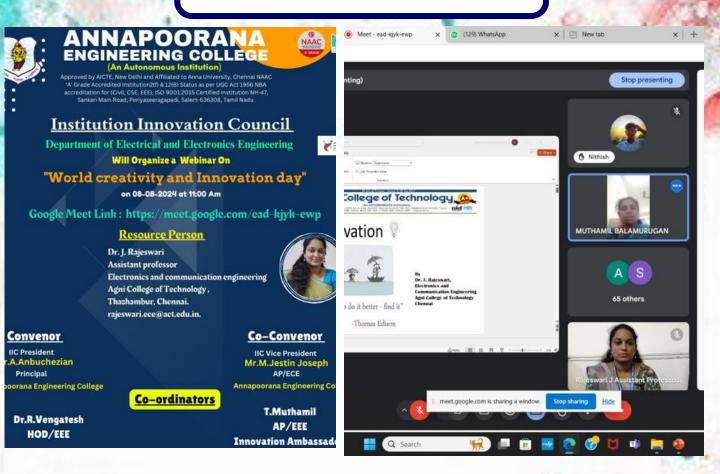








FACULTY ACHIEVEMENT



Dr. J. Rajeswari, Assistant professor, Department of Electronics and Communication Engineering has invited as a resource person for an online webinar on the topic "World Creativity and Innovation Day" at Annapoorana Engineering College, Salem on 8th August 2024.





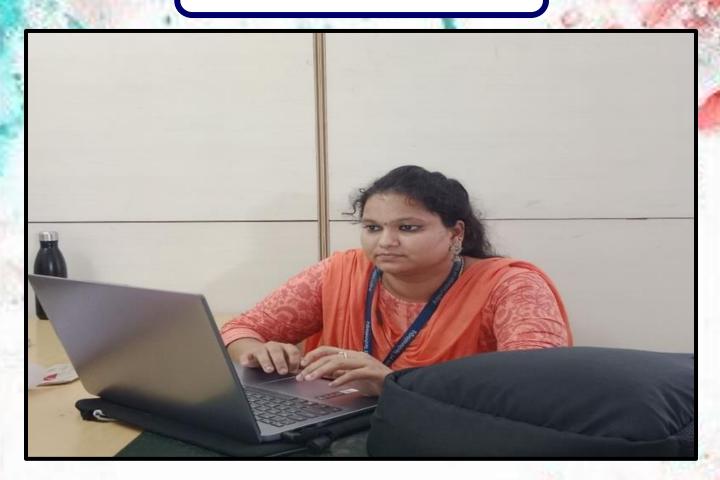
FACULTY ACHIEVEMENT



Mr. S. Ohmshankar, Assistant professor, Department of Electronics and Communication Engineering has published an article titled "Enhancing Lung Sound Classification: A Review of Deep Learning Models with Transform and Spectral Features" in the journal Tujin\Jishu Journal of Propulsion Technology (Scopus Indexed).







Mrs. Pandi Deepa, Assistant Professor, Department of AI&DS has attended a webinar on "Building Strong Foundations in **Competitive Programming"** on 16th August 2024. She has also attended a Webinar on "Problem-Solving Techniques **for Competitive Exams"** on 16th August 2024. Both webinars are organized by **Department of Information Technology** at Agni College of Technology.









FACULTY ACHIEVEMENT



Mrs. Dhanabhavithra K, Assistant Professor, Department of AI&DS has attended a webinar on" **Building Strong Foundations in Competitive Programming**" on 16th August 24. She also attended Webinar on "**Problem-Solving Techniques for Competitive Exams**" on 16th August 24. Both webinars are organized by **Department of Information Technology** at Agni College of Technology.





Quasi Oppositional Jaya Algorithm with Computer Vision based Deep Learning Model for Emotion Recognition on Autonomous Vehicle Drivers

Rajesh .D 1 , S. Thenappan $^{2^*}$, Prachi Juyal 3 , Thiyagarajan .V .S 4 , D. M. Kalai Selvi 5 , J. Rajeswari 6 , M. Hema Kumar 7 , V. Saravanan 8

- Faculty in DICT&TD, New Delhi, India (extrajesh@gmail.com)
- Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, India - (drthenappans@veltech.edu.in)
- Department of Allied Science (Mathematics), Graphic Era (Deemed to be University), Dehradun, Uttarakhand, India (Prachijuyal@yahoo.com)
- Department of CSE, Karpaga Vinayaga College of Engineering and Technology, Chengalpattu, Tamilnadu, India (thiyagu.cse86@gmail.com)
- Department of CSE, R. M. D Engineering College, R.S.M Nagar Kavaraipettai, 601206, Chennai, India (dmkalai@gmail.com)
- Department of ECE, Agni College of Technology, Thazhambur, Chennai, India (rajeswari.ece@act.edu.in)
- Department of ECE, Sona College of Technology, Salem, TamilNadu, India (hemakumarbeec
- Department of Nano Electronics Materials and Sensors, Saveetha School of Engineering, Save Medical and Technical Sciences, Saveetha University, Chennai-602105, Tamilnadu, India (saravananv.sse@saveetha.com)

Doi: https://doi.org/10.54216/JISIoT.140111

141-153

Dr. J. Rajeswari, Assistant professor, Department of Electronics and Communication Engineering has published an article titled "Quasi Oppositional Jaya Algorithm with Computer Vision based Deep Learning Model for Emotion Recognition on Autonomous Vehicle Drivers" in the journal of Intelligent Systems and Internet of Things (Scopus Indexed).



PROPOSAL SUBMISSION

Project Proposal On

"Designing Augmented Reality Experiences to Improve Attention and Engagement"

Submitted to

Division: NCSTC

Programme or Scheme: Call for Proposal Under NCSTC Division

Submitted by

Geerthik S, Head of the Department & Mrs.Leonila Assistant Professor, Department of Information Technology, submitted a research proposal titled "Designing Augmented Reality Experiences to improve Attention and Engagement" in DST's Call for Proposal under the National Council of Science and Technology Communication (NCSTC) on 30th July 2024.





PROPOSAL SUBMISSION

Government of India

Project Proposal On

"A MACHINE LEARNING FRAMEWORK FOR GEOSPATIALLY INFORMED HEALTHCARE INFRASTRUCTURE PLANNING"

Submitted to

Division: National Geospatial Programme

Programme or Scheme: Geospatial Technology and Solutions

Submitted by

Project Investigator:

Dr. Geerthik S, Head of the Department & Dr. Senthil G A, Associate Professor, Department of Information Technology, has submitted a funded project proposal titled "A Machine Learning Framework for Geospatially Informed Healthcare Infrastructure Planning" in DST's Call for Proposal under National Geospatial Programme on 2nd August 2024.



A WEEKLY NEWSLETTER

FACULTY PARTICIPATION



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Ramapuram Campus
Faculty of Engineering and Technology

DEPARTMENT OF PHYSICS

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr Sugumar Paramasivam Assistant Professor

Agni College of Technology

has participated the "Workshop on Quantum Mechanical calculations through Computational Techniques" organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai – 600089, Tamil Nadu on 27th July, 2024.



SRMISTPHY 2024 252

Dr. Sakthi Ganesh. M Dean (E&T)

Dr. P. Sugumar, Assistant Professor, Department of Science and Humanities (Physics) has participated in the "Workshop on Quantum Mechanical calculations through Computational Techniques" organized by Department of Physics, SRM Institute of Science and Technology, held on 27th July 2024.

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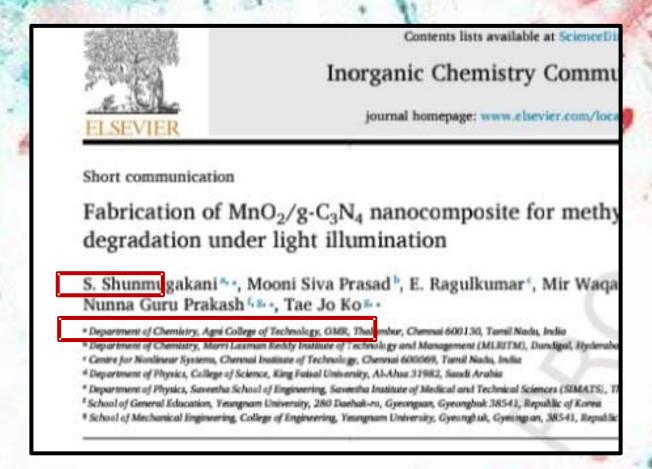
Agnı College of Technology







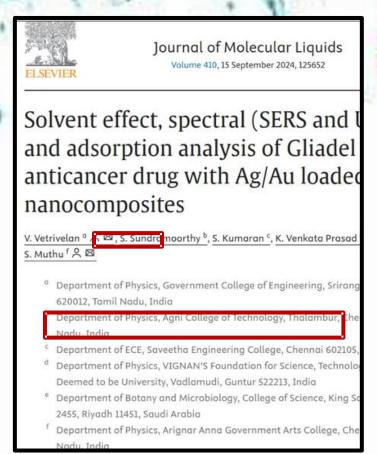
FACULTY ACHIEVEMENT



Or. S. Shunmugakani, Associate Professor, Department of Science and Humanities (Chemistry) has published a research article titled on "Fabrication of MnO2/g-C3N4 nano composite for methylene blue dye degradation under light illumination" in Inorganic Chemistry Communications journal, Q1 paper with impact factor 4.4.



FACULTY ACHIEVEMENT



Dr. S. Sundramoorthy, Assistant Professor, Department of Science and Humanities (Physics) has published a research article titled on "Solvent effect, spectral (SERS and UV-Vis) and adsorption analysis of Gliadel (GL) anticancer drug with Ag/Au loaded silica nano composites" in the Journal of Molecular liquids Elsevier publications with impact factor 5.3.



FACULTY PARTICIPATION



BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI

Certificate of Participation

It is certified that Rajitha R, Agni college of Technology has successfully participated and completed ISTE Approved Five days FDP on "Advances in Renewable Energy Technologies for Sustainable development" from 29th July to 2nd August 2024.

Dr.Sandhya Jadhav

allo

Principal

Mrs. Rajitha. R, Assistant Professor, Department of Science and Humanities (Chemistry) has successfully completed the 5 days ISTE approved FDP on "Advances in Renewable Energy Technologies for Sustainable development" Organized by Bharati Vidyapeeth College of Engineering, held from 29th July to 2nd August 2024.



A WEEKLY NEWSLETTER

FACULTY PARTICIPATION



Mr. Sam Daniel Fenny, Assistant Professor, Department of Mechanical Science, participated in a five-day Faculty Development Program titled "Crafting the Future: AI, Robotics, and 3D Printing in Manufacturing and Automation Sector" organized by the Departments of Automobile, Mechanical, and Mechatronics Engineering at KCG College on July 11th and 12th August 2024









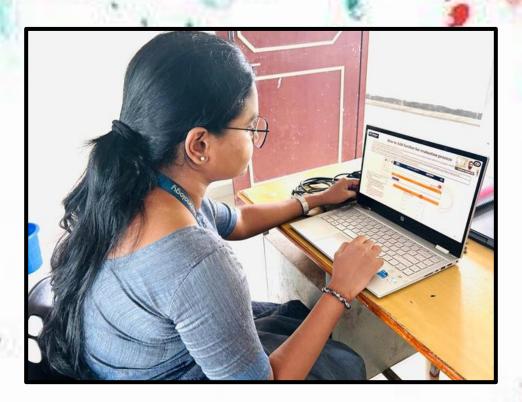
FACULTY PARTICIPATION



Dr. R. Ratheesh, Head/Assistant professor, Department of Electronics and Communication Engineering has successfully completed an online webinar on "Quantum Horizons: Revolutionizing healthcare with Quantum computing" organized by **Presidency University** on 17th, August 2024.



FACULTY PARTICIPATION



Ms. Jennifer J, Assistant Professor, Department of Biomedical Engineering, has attended MIC Driven Session IIC 6.0 (2023-2024) on Creating and Managing YUKTI Innovation and IPR Repository (YIIR) in HEIs conducted by MoE's Innovation Cell (Government of India) on 2nd August 2024.







MathWorks | Training Services

Course Completion Certificate

Balaji Madhavan

has successfully completed 100% of the self-paced training course

MATLAB Onramp

8 August 2024

Dr. Balaji Madhavan, HoD, Department of Computer Science & Engineering has completed the online certification course titled, **"MATLAB Onramp",** provided by **MathWorks** on 8th August 2024.









FACULTY PARTICIPATION



Mrs. Manju P, Assistant Professor, Department of Computer Engineering has completed the online and certification course titled, "MATLAB Onramp", provided by **MathWorks** on 8th August **2024**.

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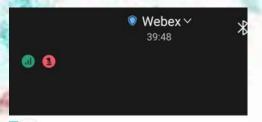
FACULTY PARTICIPATION



Ms. Kavya R K, Assistant Professor, Department of Computer Science and Engineering has completed the online certification course titled, "MATLAB Onramp", provided by MathWorks on 8th August 2024.

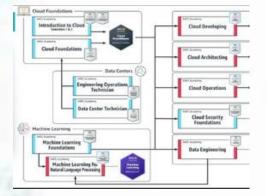


FACULTY PARTICIPATION



WS Academy Member Institution Journey











	Course Name		Duration (H)	Components
1	ANYS Academy Cloud Foundations	100	20	Lecture modules Hands-on labs Knowledge checks
2	AWS Academy Introduction to Cloud: Semester 1	100	60	
5	AWS Academy Introduction to Cloud: Semester 2	100	60	
4	ARTS Academy Cloub Architecting	200	40	
8	AWS Academy Cloud Developing	200	40	
0	AWS Academy Cloud Operations	200	40	
7	ARRS Academy Michine Livering Foundations	100	20	
8	ANS Academy Machine Learning for Natural Language Processing	200	20	
8	AWS Academy Cela Engineering	200	40	
10	AWS Academy Cloud Security Foundations	100	20	
11	AWG Academy Engineering Operations Technicians (EOT)	100	21	Lecture modules

Dr. Balaji Madhavan, HoD, Department of Computer Science & Engineering has attended the "Amazon Web Services (AWS) onboarding meeting" for our institution on 15th August 2024 between 2.00pm to 3.30pm.









FACULTY PARTICIPATION





Ms Himali Barman and Mrs Bilna C, Assistant Professors, Department of Biomedical Engineering has participated in the "International Faculty Development Program (IFDP)" titled "The Role of IoMT in Electrical Medical Record Implementation " on 10th August 2024 organized by International fovea-Z Biomedical Association under the eadership of ATHEENAPANDIAN PRIVATE LIMITED.



FACULTY PARTICIPATION





Mrs. Bilna C and Ms. Himali Barman, Assistant Professors Department of Biomedical Engineering, has participated in the "Faculty Development Program (FDP)" titled "Medical Equipment 3D Design Simulation with Solid works Software" on 14th August 2024 organized by International fovea-Z Biomedical Association under the leadership of ATHEENAPANDIAN PRIVATE LIMITED.



FACULTY PARTICIPATION



Dr. SRINIVASAN ALAVÁNDAR PRINCIPAL, ACT

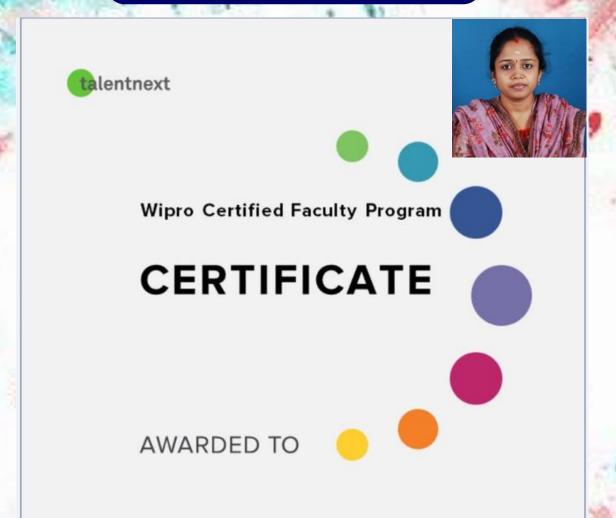
Mr. MANISH AGARWAL Director and Co-Founder PREPINSTA TECHNOLOGIES PVT LTD

March Aguela

Ms. Pooja S, Teaching Assistant, Department of Information Technology. has participated in the **Faculty** davs Development Program on "**Problem Solving using Python Programming**" organized by the Department of CSE, Agni Technology, with Prepintsa of in association Technologies Pvt Ltd, Noida held between 15th July 2024 to **20th July 2024.**



FACULTY PARTICIPATION



Mrs. Ramalakshmi P, Assistant Professor, Department of Information Technology, has participated in the Wipro certified faculty training program on "Java Full Stack" conducted by **Talent Next** from 24^{th} June 2024 to 12^{th} July 2024.



FACULTY PARTICIPATION



Ramalakshmi P, Assistant Professor, Department Information Technology, has participated in the 1 week Faculty "Explainable Artificial Training Program on Intelligence (XAI Technology)" in association with MIT Square, London organized by SRM Institute of Science and Technology, from 8th July 2024 to 12th July 2024 and secured **assessment** grade A.



FACULTY PARTICIPATION



Ms. Nivi V, Assistant Professor, Department of Information Technology, has participated in the 1 week Faculty Industry Training Program on "Explainable Artificial Intelligence **(XAI Technology)"** in association with MIT Square, London organized by SRM Institute of Science and Technology, from 8^{th} July 2024 to 12^{th} July 2024.



FACULTY PARTICIPATION



Mrs. Manoranjitham S, Assistant Professor, Department of Information Technology, has participated in the 5 days Faculty Development Program on "Problem Solving using Python Programming" organized by the Department of CSE, Agni College of Technology, in association with Prepintsa Technologies Pvt Ltd, Noida held between 15th July 2024 to 20th July 2024.





Ms. Sinduja M, Teaching Assistant, Department of Information Technology, has participated in the 5 days Faculty Development Program on "Problem Solving using Python Programming" organized by the Department of CSE, Agni College of Technology, in association with Prepintsa Technologies Pvt Ltd, Noida held between 15th July 2024 to 20th July 2024.





Mrs. Leonila T, Assistant Professor, Department of Information Technology, has participated in the Wipro certified faculty training program on ".NET Full Stack conducted by Talent Next" from 24th June 2024 to 12th July 2024.





Ms. Nivi V, Assistant Professor, Department of Information Technology, has participated in Wipro certified faculty training program on ".NET Full Stack" conducted by Talent Next from 24th June 2024 to 12th July 2024.





CERTIFICATE OF PARTICIPATION

It is certified that

Dr./Mr./Ms Dr.R.Ratheesh, Assistant Professor

of Agni College of Technology

has attended six days online Faculty Development Program on "Latest developments in RF Technologies in 5G and Beyond" between 30-07-2024 and 06-08-2024 organised by Department of Electronics and Communication Engineering, Rajalakshmi Engineering College in association with IIC,REC and IEEE Communication society,REC

Dr.L.Bhagyalakshmi Head of the Department, ECE J. D. Humprin

Dr. S.N. Murugesan Principal

Dr. R. Ratheesh, Head/Assistant professor, Department of Electronics and Communication Engineering has completed the six days online faculty development program on "Latest Developments in RF Technologies in 5G and Beyond" conducted by Rajalakshmi Engineering College from 30th July 24 to 06th August 24.



FACULTY PARTICIPATION



CERTIFICATE OF PARTICIPATION

It is certified that

Dr./Mr./Ms Dr. J. Rajeswari, Assistant Professor

of Agni College of Technology

has attended six days online Faculty Development Program on "Latest developments in RF Technologies in 5G and

Beyond" between 30-07-2024 and 06-08-2024 organised by

Department of Electronics and Communication Engineering,

Rajalakshmi Engineering College in association with IIC,REC

and IEEE Communication society, REC

Dr.L.Bhagyalakshmi Head of the Department, ECE

Dr. S.N. Murugesan

Dr. J. Rajeswari, Assistant professor, Department of Electronics and Communication Engineering has completed the six days faculty development program "Latest online on Developments in RF Technologies in 5G and Beyond" conducted by **Rajalakshmi Engineering College** from 30th uly 24 to 06th August 24.







FACULTY PARTICIPATION



CERTIFICATE OF PARTICIPATION

It is certified that

Dr./Mr./Ms K.ELAIYARANI, Assistant Professor

of AGNI COLLEGE OF TECHNOLOGY

has attended six days online Faculty Development Program on "Latest developments in RF Technologies in 5G and Beyond" between 30-07-2024 and 06-08-2024 organised by Department of Electronics and Communication Engineering, Rajalakshmi Engineering College in association with IIC,REC and IEEE Communication society,REC

Dr.L.Bhagyalakshmi Head of the Department, ECE Dr. S.N. Murugesan Principal

K. Elaiyarani, Assistant professor, Department of Electronics and Communication Engineering has completed the six days online faculty development program on "Latest Developments in RF Technologies in 5G and Beyond" conducted by Rajalakshmi Engineering College from 30th July 24 to 06th August 24.



Five-Day National Faculty Development Programme RESEARCH STRUCTURING & PUBLICATION PROCESS



23 - 27 July 2024 Created & Powered By





Centre for Research & Training (CRT)

National Foundation for Entrepreneurship Development (NFED)

Coimbatore, Tamil Nadu

www.nfedindia.org | www.nfedconferences.org | crt.nfedindia.org

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. P. Chitra**, Assistant Professor, Department of ECE, Agni College of Technology, Chennai, Tamil Nadu has actively participated in the Five-Day National Faculty Development Programme on Research Structuring & Publication Process created & powered by Centre for Research & Training, National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu on 23 - 27 July 2024. We wish all success to the participant's future research endeavours.

Ms. Ramya Kandavel Director, NFED

WP-NFDP14/NFED/COP/63

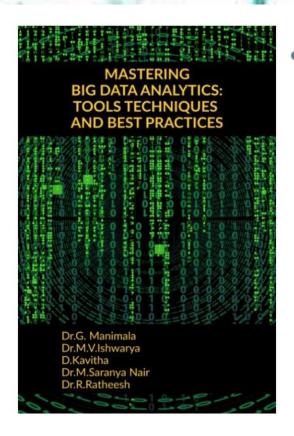
KVJ. Prof. Dr. R. Ganesan Chairman, NFED

Dr. P. Chitra, Assistant professor, Department of Electronics and Communication Engineering has successfully completed Five day National faculty development program on "Research Structuring and Publication Process" organized by National Foundation of Entrepreneurship Development, Coimbatore from 23th July 24 to 27th July 24.



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FACULTY PARTICIPATION





MARCTEDINIC DIC DATA

Dr. R. Ratheesh, Head/Assistant professor, Department of Electronics and Communication Engineering has published a book titled "Mastering Big Data Analytics: Tools Techniques and Best Practices" through the publisher Notion Press on 05th August 2024.



FACULTY PARTICIPATION





Mrs. Bilna C and Ms. Himali Barman, Assistant Professors, Department of Biomedical Engineering has participated in the "Faculty Development Program (FDP)" titled "ESSENTIAL CONCEPTS BEHIND ULTRASOUND MACHINE" on 3rd August 2024 organized by International fovea-Z Biomedical Association under the leadership of ATHEENAPANDIAN RRIVATE LIMITED

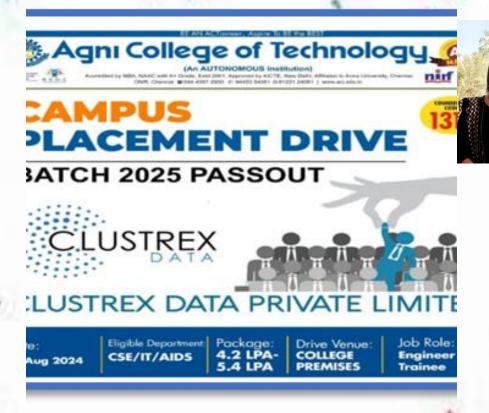


INDUSTRY VISIT FOR WIL



Dr. Balaji Madhavan, HoD, Department of Computer Science & Engineering has visited the company" **Zanec Soft Tech Pvt Ltd"** on **7th August 2024** and had a discussions with the industrial expert **Mr. Murali Shankar, Head of Technology** regarding Work Integrated Learning.





PRITHIKSHA K, IVth year student, Department of Computer Science & Engineering has got placed in "Clustrex Data Private Limited".





CAMPUS PLACEMENT DRIVE

BATCH 2025 PASSOUT





CLUSTREX DATA PRIVATE

Date: 3rd Aug 2024 Eligible Department: CSE/IT/AIDS

Package: 4.2 LPA-

Drive Venue: COLLEGE

Job Role: **Engineer Trainee**



Ramya Devi, IVth year Student, Department of Information Technology has got placed in "Clustrex Data Private Limited".











Monisha M, IVth Year student, Department of Electrical and Electronics Engineering has successfully completed "**Prompt Engineering Bootcamp**" from 30th July to 3rd August 2024 for five days through an online platform **Lets Upgrade.**





Sabthami B, IVth Year Student, Department of Information Technology had attended IEEE International Conference at IFET College of Engineering, and presented her project titled "An Automated Mood Analysis of Crying Infants Through Sound Recognition using Hybrid Deep Learning" and awarded as BEST PAPER AWARD on 19th July 2024.





Subiksha P, IVth Year Student, Department of Information Technology has attended IEEE International Conference at IFET College of Engineering, and presented her project titled "An Automated Mood Analysis of Crying Infants Through Sound Recognition using Hybrid Deep Learning" and awarded as BEST PAPER AWARD on 19th July 2024.

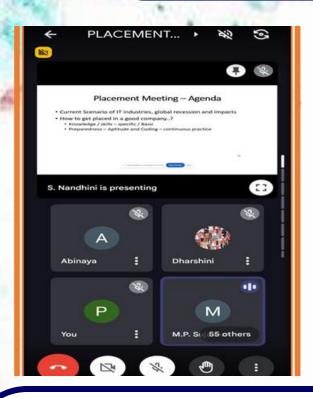




Meenakshi K, IIIrd year Student, Department of Information Technology, has completed an online course on **"TCS iON** Career Edge - Young Professional" organized by tcs iON in the month of July 2024.



PLACEMENT & TRAINING-**ONLINE MEETING**





Dr. Balaji Madhavan, HoD / CSE addressed the students in order to guide them to perform better during placement activities via online meeting with IVth year students regarding training for the year ${f 2024-25}$ was conducted on $1^{
m st}$ August 2024. Mrs. S. Nandhini., A/P, Department of CSE and Final year class in charges were present during the meeting.





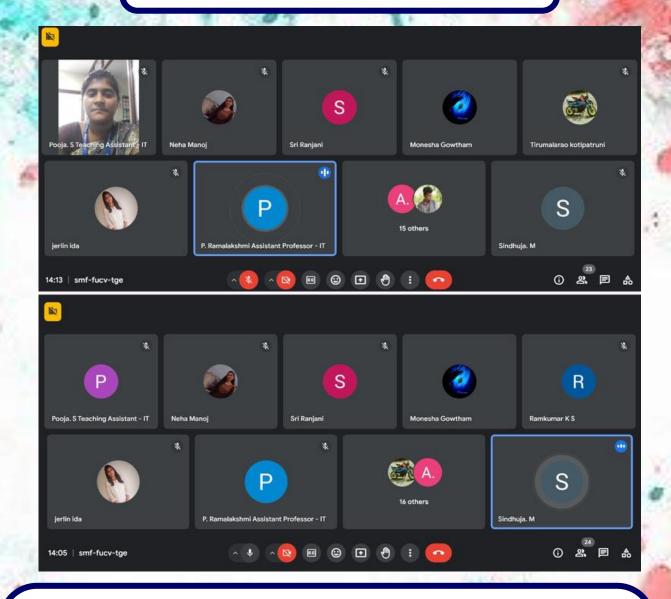
TRAINING AND SKILL DEVELOPMENT



Mr. Sam Daniel, AP and Training & Skill Development and Mr. Sam Daniel, AP and Training Coordinator, conducted a meeting on 16th August 2024 between 10-11AM in the C1 Lab for the training faculties from all the departments. The discussions included delivering the "Aptitude, Skill Rack coding, professional development and technical interview reparations modules" effectively.



ONLINE PLACEMENT WEBINAR



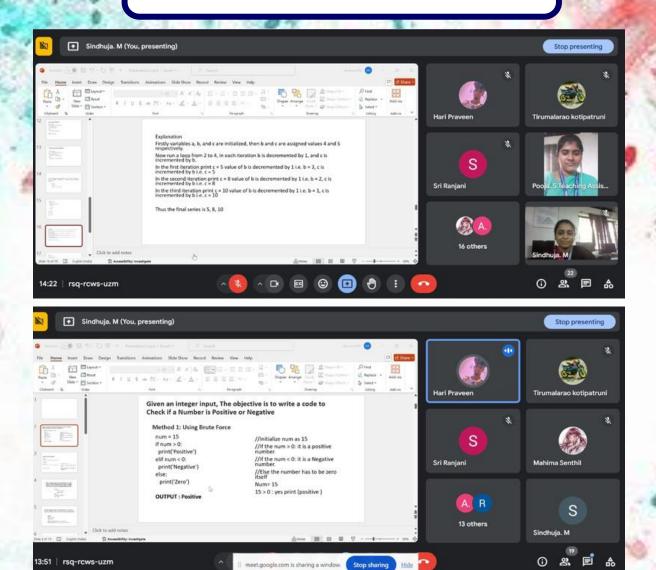
Ms. Sinduja M, Ms. Pooja S along with Mrs. Ramalakshmi P (Placement coordinator) from the department of Information Technology has conducted an online webinar for Placement Preparation to IVth Year Students on 5th August 2024.







ONLINE PLACEMENT TRAINING



Ms. Sinduja M, Ms. Pooja S along with Mrs. Ramalakshmi P coordinator) from (Placement the department Information Technology has conducted 2nd day online placement training session on "Programming in Python and Pseudocode" for IV Year Students on 6th August 2024.

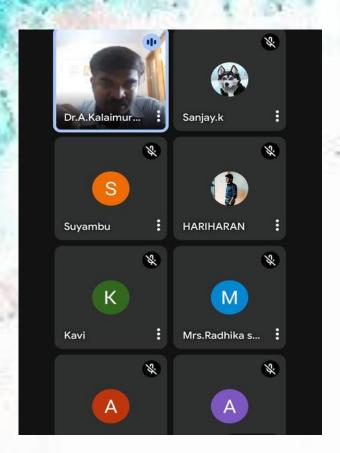


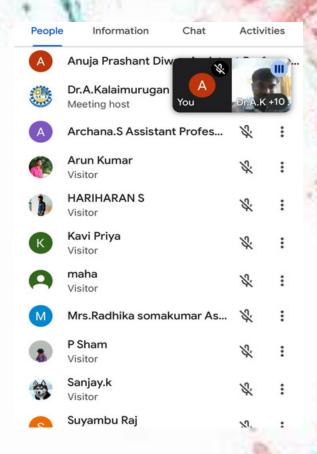






TRAINING AND PLACEMENT **MEETING**





Mr. M. Aravindan , HOD i/c , Department of Electrical and Electronics Engineering has conducted a Google Meeting on 15th August 8th August 2024 with all Faculty members and final year students regarding "The importance of training planned" to be conducted from 19th August 2024. Dr. Radhika Somakumar, Deputy Placement Officer has explained clearly about how important is attending the training to get placed in reputed companies.







STUDENT PARTICIPATION



Nethaji M, IV Year Student, Department of Information Technology, has participated **Common Internship Test** conducted by Internship studio on 22nd July 2024.



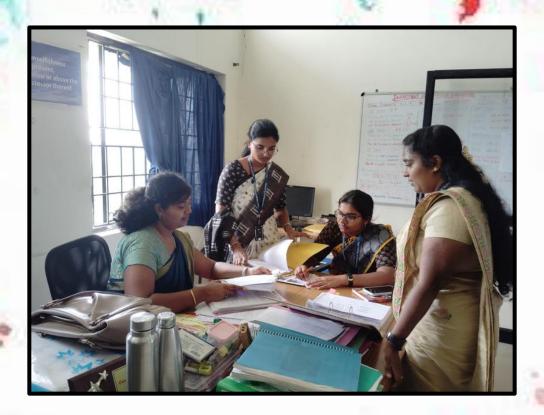
STUDENT PARTICIPATION



Prashanth B, IVth Year Student, Department of Information Technology, has participated in the "Common Internship **Test"** conducted by Internship studio on 22nd July 2024.



NBA FILE REVIEW



Dr. Sureka N, Assistant Professor, Head of the Department of Biomedical Engineering has conducted the NBA file review on 3rd August 2024.



DEPARTMENT MEETING



Dr. R. Ratheesh, Head/Assistant professor, **Electronics and Communication Engineering** has conducted the department meeting with all the faculties to discuss subject allocation, course file submission, placement details, PRIDE participation and Research activities.



DEPARTMENT MEETING

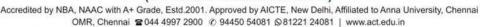






Dr. Balaji Madhavan, HoD, Department of **Computer Science & Engineering**, convened a department meeting on August 9th, 2024. The agenda of the meeting includes discussion on Gate forum training, class time table, college timings, course file submission, faculty attendance entry in biometric device, Work Integrated Learning, Lab manual submission and general activities of the department.





DEPARTMENT MEETING



Dr. R. Ratheesh, Assistant Professor/Head, **Electronics and Communication Engineering** has conducted the department meeting to discuss, college reopening, student fee payment details, course file completion status, training plan, lab requirements and research activities on 13th August 2024.



DEPARTMENT MEETING



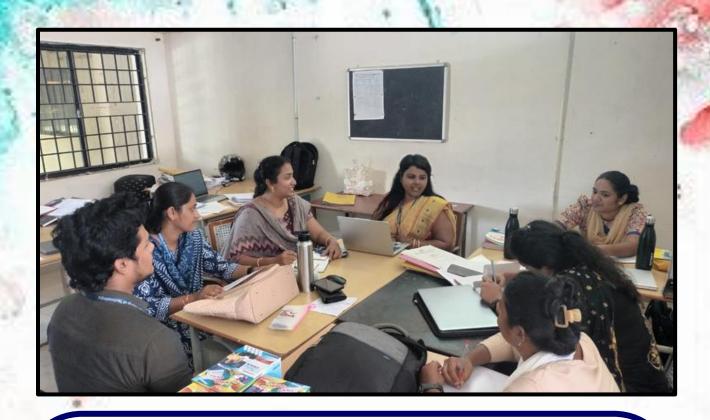
Mr. M. Aravindan, HOD i/c, Department of Electrical and Electronics Engineering has conducted the Department Meeting at Power Electronics Laboratory on 16th August 2024 with all the faculty members for the smooth conduction of new Academic Year 2024-25. The highlights of the meeting about conducting Training for IInd, IIIrd and Final Years in the first week of reopening, Instructions for the class in-charges regarding the students attendance and their academic performances.

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Dr. Ishwarya M.V., Associate Professor and Head of the Department, Artificial Intelligence and Data Science, conducted the department meeting with all the faculties. The following agenda was discussed in the meeting on 16th August 2024, such as College Timing, Log book maintenance, getting a signature from HoD, and the Principal before 6th of every month.







DEPARTMENT MEETING



The agenda also included in the meeting as follows: Important dates and events, importance of Google Classroom, Students' fee payment and their attendance follow-up, Notice Board maintenance, Preparation and participation of students for the Smart India hackathon.



DEPARTMENT MEETING



Dr. Balaji Madhavan, HoD, Department of Computer Science & Engineering, convened a department meeting on August 16th, 2024. The agenda included discussions on placement training for final year students, maintaining an attendance log book, Google Classroom for students, lab manual submission, monitoring the students by class in-charge and general activities of the department.

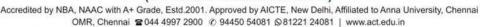


DEPARTMENT MEETING



Dr. R. Ratheesh, Assistant Professor/Head, **Electronics and Communication Engineering** has conducted the department meeting to discuss about upcoming alumni meet, college timings, SIH participation, Log book Maintenance, lab consumables, first Year Inauguration, Sophomore day and graduation day on 16th August 2024.





DEPARTMENT MEETING



Dr. Sureka N, Assistant Professor, Head of the Department of Engineering, has conducted the department Biomedical meeting to discuss the plan about upcoming academic year (2024-2025). The meeting agenda included College timings, College reopening, Course file Completion, and Log book maintenance.





PARENT TEACHER MEETING



Dr Sureka N, Assistant Professor, Head of the department of Biomedical Engineering has organized "Parent Teacher Meeting" with the Parent of 3rd year student on 3rd August 2024.



