

ICFAITECH NEWSLETTER

From the Director's Desk

May 2024



I am proud to present the latest newsletter that highlights the exceptional achievements of our distinguished faculty and the impactful events within our community. It is always inspiring to see the exceptional work being done across our various departments and the impact it has on our academic community and beyond. This issue highlights faculty achievements which include Dr. Dr. Sudheer Hanumanthakari's patent for designing "Contactless Thermal Scanning System for Security" by Certificate of Registration of Design, The Patent Office, Government of India and Dr. Asisa Kumar Panigrahi's contribution to research by reviewing a research paper in the Journal 'Micro and Nanostructures' and publishing a research article in the journal 'Transactions on Electrical and Electronic Materials'. I also congratulate him for attending a webinar. Dr. Thokala Soloman Raju and Dr. T. Shreecharan contributed to the research, publishing an outstanding paper in the International Journal of

Theoretical Physics (IJTP)-Springer Nature. Dr. K. Adi Narayana Reddy, Dr. L. Lakshmi, Dr. K. Srinivasa Rao, Dr. D. Krishna Madhuri, Mr. K. Brahmanaidu, and Mr. K. Vara Prasad Rao, have kept the Department of CSE and AI & DS in limelight by publishing a research article to stay at the forefront of academic excellence. I congratulate Dr. Soumit Samadder Chaudhury for coordinating an online training course on the Exploration of the Solar System under the ISRO START programme conducted by the Indian Space Research Organization. I also appreciate the efforts of the Faculty of Science and Technology (IcfaiTech) for participating in the online training programme conducted by the Indian Institute of Space Training, ISRO Derhardun on Exploration of the Solar System under the ISRO START Programme. Furthermore, I would like to congratulate Dr. Swathi Mulinti for delivering a keynote speech at NIT, Warangal. We also featured a seminar led by Dr. K. Vivekananda, Department of Mechanical Engineering. I congratulate all for ensuring the quality and integrity of scholarly work at IcfaiTech.

Last but not least, a slew of exciting campus activities encourages community involvement and honour academic achievement. We are grateful to our faculty for their exceptional efforts, which are propelling us forward in the direction of quality and innovation. I have a lot of hope for the future of our organization as I look forward. We have the combined strength, imagination, and willpower to overcome any obstacles and take advantage of a plethora of future prospects.

- Dr. K. L. Narayana
Director, IcfaiTech, Hyderabad

Publications



Dr. Asisa Kumar Panigrahi, Associate Professor, Department of Electronics and Communication Engineering, published a research article titled "Effect of Temperature, Doping and Gate Material Engineering on TriGate

SOI nFinFET Performance through TCAD Simulation," in the journal Transactions on Electrical and Electronic Materials.

Dr. Thokala Soloman Raju, Assistant Professor and **Dr. T. Shreecharan**, Associate Professor, Department of Physical Sciences, published a research article



titled, "A study of phase space dynamics for orthogonal polynomial self-interactions," in the International Journal of Theoretical Physics (IJTP)-Springer Nature.



Dr. K. Adi Narayana Reddy
Associate Professor



Dr. L. Lakshmi,
Associate Professor



Dr. K. Srinivasa Rao
Assistant Professor



Dr. D. Krishna Madhuri
Assistant Professor



Mr. K. Brahmanaidu
Assistant Professor



Mr. K. Vara Prasad Rao
Senior Assistant Professor

The above faculty members from Dept. of CSE & Dept. of AI & DS, published a research article titled "Multi-Document Summarization using Discrete Bat Optimization" in the Journal of Electrical Systems.



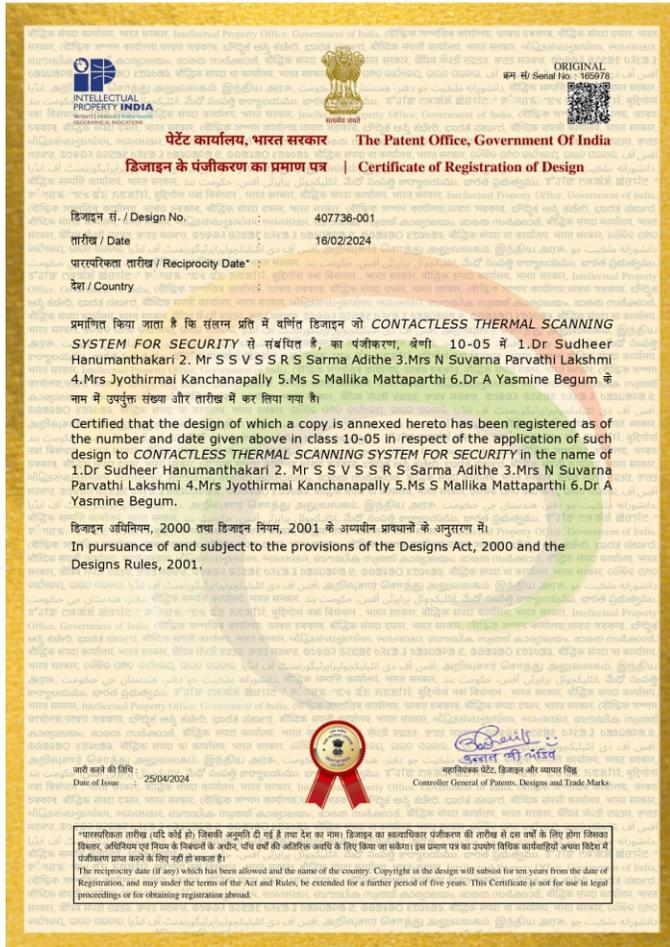
Achievements



Dr. Sudheer Hanumanthakari, Associate Professor, Department of Electronics and Communication Engineering, has been granted a patent to design **“Contactless Thermal Scanning System for Security”** by Certificate of Registration of Design,



Engineering, reviewed an article entitled “Numerical simulation of Core-Shell Dual Metal Gate stack Junctionless Accumulation Mode Nanowire FET (CS-DM-GS-JAMNWFET) for Low Power Digital Applications” for the Journal 'Micro and Nanostructures'.



The Patent Office, Government of India.

Dr. Asisa Kumar Panigrahi, Associate Professor, Department of Electronics and Communication

He received a certificate for attending a webinar on the topic "5G/6G The Future of Intelligent



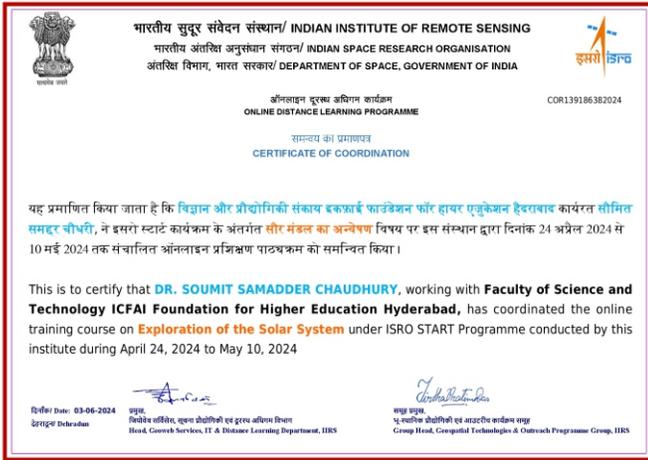
Connectivity using Ansys" on 24th May 2024.

Dr. Soumit Samadder Chaudhury, Senior Assistant Professor, Department of Electronics and Communication Engineering, has coordinated the online training course on Exploration of the Solar System under the ISRO START programme conducted by the Indian Space Research Organization.

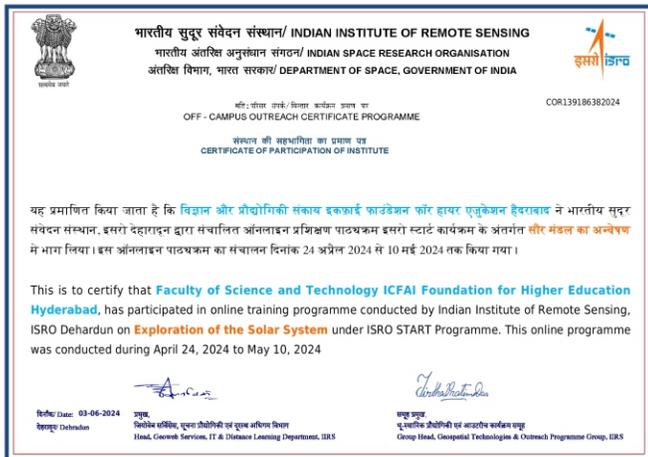




Achievements



The Faculty of Science and Technology (IcfaiTech), Hyderabad, participated in online training programme conducted by Indian Institute of Space



Training, ISRO Dehardun on Exploration of the Solar System under ISRO START Programme.

Dr. Swathi Mulinti, Senior Assistant Professor, Department of English, was invited to deliver a key note speech on 'Publishing Research Papers in IUP



English Studies' in PAN NIT International Research Conclave, NIT, Warangal.

Dr. V. Madhupama, Assistant Professor, Department of English, attended the 21st Annual Kaleidoscope Conference, conducted by the Faculty of Education at the University of Cambridge on 30-31 May, 2024.



Faculty Seminars

Department of Mechanical Engineering

Title: Exploring the Intricacies of Machine Learning-Based Optimization to Predict Mechanical Properties of Friction Stir welded joints of dissimilar Al5052 and AZ31

Speaker: Dr. K. Vivekananda

Date: 10/06/2024



Events

IDEATION

The IcfaiTech Entrepreneurship Club organized the event 'IDEATION' online on the occasion of National Technology Day (i.e. 11th May 2024) to provide an innovation challenge to faculty and students.

Event Mode of Conduct: Online

Date: 10th May 2024

No. of Participants: 10

No. of Faculty Participants: 03

No. of Audience: 05



The poster for the 'IDEATION' event features logos for ICFAI Foundation for Higher Education, IcfaiTech Entrepreneurship Club, and IcfaiTech Faculty of Science & Technology. The main text reads 'IDEATION' in large red letters, followed by '10 MAY, 2024, 11AM TO 12 NOON, MODE: ONLINE'. It states 'Link will be shared via mail' and lists prize details: First place (3000/-), Second place (2000/-), and Third place (1000/-). The event description asks teams or individuals to propose innovative technology solutions in industries like healthcare, education, finance, or the environment, accompanied by a business plan. A QR code is provided for registration, and an illustration shows people working together with laptops and lightbulbs.

Mathematics Summer Camp

On May 6, 2024, Prof. K.L. Narayana, Director of ICFAITech, formally inaugurated the Mathematics summer camp for high school students of nearby



Govt. Schools. The Associate Deans, Dr. Suresh Kumar Gandhi, Dr J.R. Nayak, Dr Anjanna Matta, and other faculty and research scholars attended this event. This five-day workshop was conducted by the English and Math departments. Throughout these five days, the English and mathematics departments' staff members gave lectures on issues related to tenth-grade mathematics and English, inspiring the students to pursue higher education. Prof. K.L. Narayana, the Director of ICFAITech, spoke to the students during the closing ceremony on May 10, 2024, about the value of education and its effects on society. Dr. Anjanna Matta and Dr. Pijush Panday organized the



summer



camp. The summer camp was coordinated and led by the student club Paritantra. The volunteers from the Department of Mathematics and Paritantra Club students mobilized the students from nearby government schools and motivated them to join the summer camp offered at the Department of



Mathematics, FST (IcfaiTech). All other Mathematics faculty and research scholars actively participated in this camp.

Admissions Campaign-Hyderabad Tour

The marketing and admission team of ICFAI Society headed by **Dr. Soumit Samadder Chaudhury**, Senior Assistant Professor, Department of Electronics and Communication Engineering participated in an

Educational Fair named TV9 Education Summit organized by TV9 at Hitex Exhibition Centre, Hitech City, Hyderabad from 31st May to 2nd June 2024. During the fair, we promoted all the B.Tech and B.Sc courses offered in IFHE- Hyderabad (IcfaiTech), the BBA courses offered in IBS Bangalore and also the LAW courses offered in ICFAI Law School Hyderabad. Parents and candidates from within and



nearby places of Hyderabad have visited our stall for counselling and guidance. Our stall was positioned with noticeable visuals and advertising material.



Aspirants were provided with hard copies of brochures and a comprehensive demo of IcfaiTech/IBS/ILS/all based on their interests and concerns. The virtual campus tour was provided through dynamic media and photographs.

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Phone: 040 - 23479725 / 040 - 23479732
- 📞 Mobile: 8499848444,
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- 📘 <https://www.facebook.com/IcfaiTech/>
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