

From the Director's Desk



In this edition, we celebrate the achievements and activities of our faculty members and the vibrant academic environment at IFHE Hyderabad. Dr. Anjanna Matta's paper publication adds to our scholarly contributions, while Dr. Asisa Kumar Panigrahy and Dr. Barla Madhvi's reviews and workshop participation demonstrate our faculty's commitment to academic excellence and professional growth. Additionally, Dr. N. Prasad and Dr. Rashmi Sahay's presentations and reviews in prestigious conferences and journals underscore our faculty's engagement in cutting-edge research. Dr. Soumit Samadder Chaudhury and Dr. Thokala Soloman Raju's contributions to book chapters and publications further enrich our academic landscape.

Furthermore, the engaging seminars hosted by various departments, including the insightful lecture by Dr. Goutam Dutta, and the IEEE Student Membership Drive Seminar, reflect our commitment to fostering intellectual discourse and professional development among our students and faculty. Lastly, the vibrant celebration of talent and creativity at THRITHI 2024 exemplifies the strong sense of community and camaraderie within our institute, showcasing the diverse talents and achievements of our students.

We extend our heartfelt appreciation to all our faculty members, students, and staff for their dedication and contributions towards making IFHE Hyderabad a center of academic excellence and innovation.

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

Publications

Faculty Achievements:

Dr. Anjanna Matta, Associate Professor, Department of Mathematics, , has published a paper titled “Double-diffusive thermosolutal Hadley–Prats flow: stability analysis” in the International Journal of Modelling and Simulation.

Dr. Asisa Kumar Panigrahy, Associate Professor and Head, Department of ECE, has reviewed articles for Sensor Journal and ECS Journal of Solid State Science and Technology.

Dr. N. Prasad, Assistant Professor, Department of Electronics & Communication Engineering, presented a paper titled “Speech Bandwidth Enhancement based on Spectral-Domain Approach” in the International Conference on Computational Intelligence, Networks and Security

(ICCINS-2023) held on 22nd & 23rd December 2023, organized by the departments of CSE, IT and AI & DS, Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram, Andhra Pradesh, India.

Dr. Soumit Samadder Chaudhury, Senior Assistant Professor, Department of Electronics and Communication Engineering, reviewed a book chapter for B P International.

Dr. Thokala Soloman Raju, Assistant Professor, Department of Physical Sciences, has published a book titled Controllable Nonlinear Waves in Graded-Index Waveguides (GRIN). He has also published an article in Optik Journal titled “Jacobian elliptic wave trains in fourth-order dispersive nonlinear Schrödinger equation and the modulational instability”.

Newsletter Highlights

Faculty Achievements:

Dr. Barla Madhvi, Assistant Professor, Department of Mechanical Engineering, successfully completed a 3-day “Lift-Off Drone Workshop” held between 27 – 29th March, 2024.

Dr. Rashmi Sahay, Senior Assistant Professor, Department of Data Science and Artificial Intelligence, reviewed manuscript titled “Your IP Camera Can Be Abused for Payments: A Study of IoT Exploitation for Financial Services Leveraging Shodan and Criminal Infrastructures” for the Transactions on Consumer Electronics.



Publications

Faculty Achievements:

Dr. Anjanna Matta, Associate



Professor,
Department of
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has published a
paper titled
“Double-

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and Simulation.

Dr. Asisa Kumar Panigrahy,

Associate
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Sensor Journal and ECS Journal of
Solid State Science and Technology.

Dr. N. Prasad, Assistant Professor,
Department of Electronics &

Communication Engineering,
presented a paper
titled “Speech
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Publications

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Dr. Soumit Samadder Chaudhury,



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Dr. Thokala Soloman Raju, Assistant



Professor,
Department of
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Newsletter Highlights

Faculty Achievements:

Dr. Barla Madhvi, Assistant Professor, Department of Mechanical Engineering, successfully completed a 3-day “Lift-Off Drone Workshop” held between 27 - 29th March, 2024.



SPACE CHASE PVT LTD
Certificate of Completion

Congratulations, Dr. Madhavi Barla

LIFT OFF, DRONE WORKSHOP

Workshop Duration: 3 Days (March 27-29, 2024)

This certificate is awarded to the participant for their active participation and successful completion of the Lift-Off Drone Workshop. The participant demonstrated exceptional dedication and enthusiasm in mastering the fundamentals of UAVs and UAS. Their engagement in hands-on activities, including Drone Assembly, Programming and Flight Simulation, reflects a commendable commitment to learning and exploration.

Piyush Jha
Piyush Jha
CEO, SPACE CHASE

Certificate ID: SPCH21L37857



Dr. Rashmi Sahay, Senior Assistant Professor, Department of Data Science and Artificial Intelligence, reviewed manuscript titled “Your IP Camera Can Be Abused for Payments: A Study of IoT Exploitation for Financial Services Leveraging Shodan and Criminal Infrastructures” for the Transactions on Consumer Electronics.



Faculty Seminars

Department of Mechanical & Civil Engineering:

Title: Automatic crack classification and segmentation on masonry surfaces using convolutional neural networks and transfer learning.

Speaker: Mr. I.V.Sarma

Date: 5th March 2024

Department of Electronics and Communication Engineering:

Title: The estimation of BER, capacity and outage probability of the NOMA communication system over Rayleigh fading channel

Speaker: Dr. S. Shakeel Hashmi

Date: 13th March 2024

Title: Optical Fibre Sensors for Industrial Sensing Applications: Opportunities and Challenges

Speaker: Dr. Sankhyabrata Bandyopadhyay, Research Scientist, University College London.

Date: 14th March 2024

Department of Computer Science & Engineering:

Title: "IoT-Enabled Neural Network Analysis for Early Detection and Prediction of Mental Depression

Speaker: Dr. Sandeep Kumar Panda & Abdul Hafeez Shaik

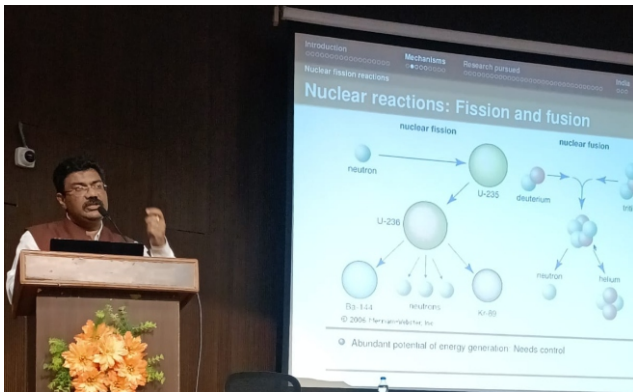
Date: 15th March 2024



Events

Guest Lecture (12th March 2024)

Department of Mechanical Engineering organized a lecture titled “Nuclear Energy and Related Research Opportunities in Science and



Technology” by Dr. Goutam Dutta, Professor, IIT Jammu. Prof. Dutta, with nearly twenty years of experience, is a leading researcher in thermal hydraulics and reactor physics kinetics, having more than fifty



esteemed publications. The talk

provided an idea about the importance of nuclear energy from global and national perspectives. Despite international bans, India has not only developed indigenous nuclear technology but also established self-reliance, concluding with insights into the innovative aspects of the Indian nuclear power



program. The discussion delved beyond common perceptions to evaluate the true advantages and drawbacks of nuclear energy, emphasizing the crucial need for thorough interdisciplinary research to mitigate potential disasters.

Events

CodeSprint (14th March 2024)

The Faculty of Science and Technology and Center of Women



Development, ICFAI Foundation of higher Education conducted CodeSprint: Coding Competition for female students in the spirit of International Women's Day celebrations titled "Tech Triumphs: Celebrating Women in Technology" at Laboratory of Imagination Visualization and Artificial Intelligence (LIVIA Lab), Faculty of Science and Technology (IcfaiTech), on 14th of March 2024. The coding competition was conducted using the competitive coding platform "Hackerrank". The participants could

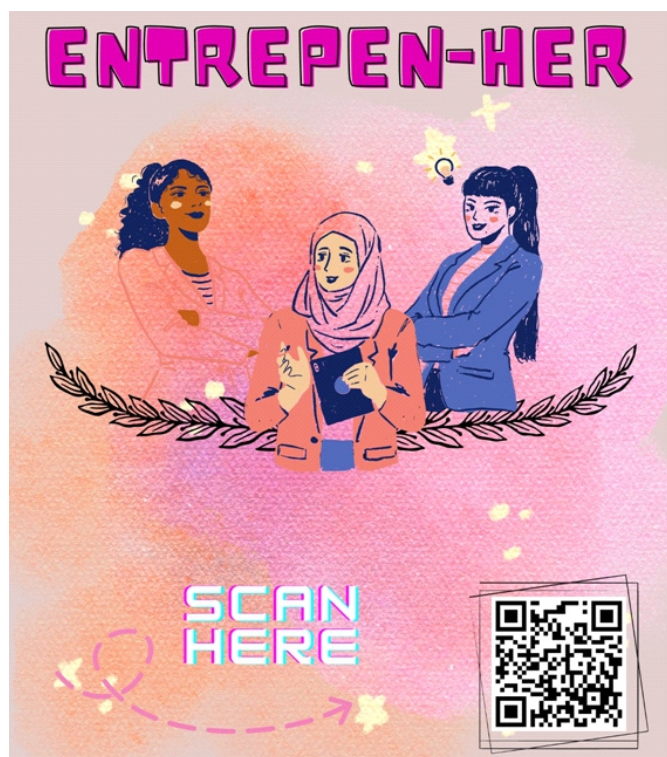
code directly on the Hackerrank platform, which supports over 30 languages. Coding competitions provide practical experience and opportunities to sharpen programming skills. Participants often encounter real-world problems and work on projects that challenge their abilities, helping them become better programmers. Competitions such as these present participants with diverse problems that require creative and efficient solutions. Students learn how to break down complex problems, analyze them, and devise effective



strategies to solve them, which are valuable skills in various fields.

Events

EntreprenHER: An Entrepreneurship Competition (15th March 2024)



The Faculty of Science and Technology and Center of Women Development, ICFAI Foundation of higher Education conducted EntreprenHER: an entrepreneurship competition for female students in the spirit of International Women's Day



celebrations titled "Tech Triumphs:



Celebrating Women in Technology" at Laboratory of Imagination Visualization and Artificial Intelligence (LIVIA Lab), Faculty of Science and Technology (IcfaiTech), on 14th of March 2024. The purpose of the competition was to encourage women



entrepreneurship and to give a platform for small businesses owners to present their products. The event saw a total of five presentations on ideas ranging from study groups to accessories.

Events

Thrithi 2024 (21st – 23rd March 2024)

THRITHI 2024, is a three-day annual graduation fest at ICFAI Foundation for Higher Education, Hyderabad, that celebrates diversity, fosters creativity, promotes talent, builds community.



This year too, it was held with great success and created memorable experiences for students and teachers alike. With over 7000 students participating in various events

including academics, dance, drama, music, literature, and e-sports, the fest showcased the vibrant talents within the ICFAI community. Eight student clubs orchestrated a range of activities, supported by faculty members of the Student Activity Committee, ensuring the event's success through their guidance and mentorship.



Cultural programmes: classical and western dance competitions

Events



Cultural programmes: classical western dance competitions



Mini basketball & Virtual cricket competitions

Painting & Pottery making



Puzzles and fun games

Remote car racing

Events

IEEE Student Membership Drive Seminar (26th March 2024)

The Department of Electronics and Communication Engineering (ECE) organized an offline seminar on 'IEEE Student Membership Drive' on March 26, 2024. The esteemed speakers Dr. V. Jayaprakasan and Dr. G. Prasad Acharya had nearly ten years of experience as



IEEE executive committee members, and they highlighted the benefits of IEEE student membership. Dr. Jayaprakasan also provided insights to establish an IEEE Student Branch in the institute, which would be a future goal of

FST. Honorable Director-FST, Professor K. L. Narayana, praised the event and honored the speakers, who were




felicitated with mementos as a token of appreciation.



 admissions.icfaiTech@ifheindia.org

 Location: IcfaiTech, IFHE Campus, Dontanpally
Shankarpally, R.R Dist, Hyderabad - 501 203
Phone: 040 - 23479725 / 040 - 23479732

 Mobile: 8499848444,
Call/Whatsapp: 9010377002

 <https://www.ifheindia.org/icfaiTech>

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Editorial Team

Dr. K.L. Narayana, Director, IcfaiTech

Dr. Rashmi Sahay, Asst. Prof., CSE, IcfaiTech

Dr. Swathi Mulinti, Asst. Prof., English, IcfaiTech

Dr. Nilanjana Debnath, Asst. Prof., English, IcfaiTech