

ICFAI TECH NEWSLETTER

October
2025

From the Director's Desk:



The month of October 2025 has been a period of vibrant academic activity, creative expression, and meaningful collaboration at ICFAI Tech and across the ICFAI community. Our faculty members have continued to contribute significantly to high-impact research, with publications in reputed SCI-indexed international journals, reflecting our strong commitment to research excellence and innovation in emerging domains such as nanoelectronics, wireless communication, and biomedical applications.

Equally commendable is the active engagement of our faculty in knowledge dissemination and professional service. Expert talks, national-level workshops, participation in reputed academic forums, reviewer roles in international conferences, and national orientation programmes highlight our sustained efforts toward academic leadership and continuous professional development.

Student creativity and talent were on full display through cultural and co-curricular achievements. Events such as Flicks in Focus, organized by the Asana Club, and the energetic performance by Team Astitva at the Eunoia Revamp Event exemplify the holistic development of our students beyond the classroom, fostering confidence, teamwork, and artistic expression.

A notable milestone this month is the signing of the Memorandum of Understanding between CERAM, ICFAI Tech, and MNR Dental College & Hospital. This strategic collaboration underscores our vision of interdisciplinary and translational research, particularly at the convergence of robotics, advanced manufacturing, and healthcare, while creating valuable experiential learning opportunities for our students.

I extend my sincere appreciation to our faculty, students, and staff for their dedication, achievements, and collaborative spirit. These accomplishments collectively reinforce our institution's mission to nurture innovation, academic excellence, and societal impact. I am confident that such initiatives will continue to strengthen ICFAI Tech's standing as a center of learning, research, and creativity.

***Warm regards,
Prof. K.L. Narayana
Director, ICFAI Tech***

Faculty Achievements:

RESEARCH PUBLICATIONS

Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, published a research paper titled, "Thermal dynamics of 7-nm FinFET process-based negative edge triggered (NET) TSPC D flip-flop for future AI and IoT applications" in the Journal of the Korean Physical Society (Springer, SCI-indexed).

Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, published a research paper titled, "Thermal Dynamics of 7 nm FinFET Process Cascode Cross Coupled Double Tail Dynamic Comparator for Future Analog to Digital Converters" in Semiconductors Journal (Springer, SCI-indexed).

GUEST LECTURES

Dr. A. Manmadha Chary, Associate Professor, Department of Mechanical Engineering, ICFAI Tech, ICFAI Foundation for Higher Education (IFHE), Hyderabad, delivered an expert talk at a two-day National Workshop on "3D Printing for Innovative Applications," organized by the Department of Mechanical Engineering, Methodist College of Engineering and Technology, Hyderabad, on 22 October 2025.

Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, published a research paper titled, "Reliable TOA and TDOA Location Estimation under Multipath Fading Channel Conditions in Wideband Wireless Networks for Indoor Factory Applications" in the Wireless Personal Communications (Springer, SCI-indexed).



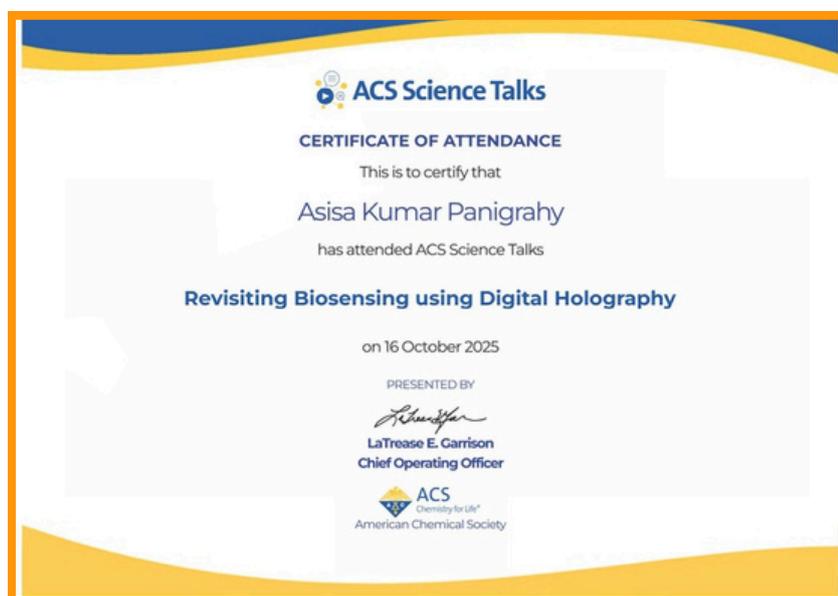
*Dr. Asisa Kumar Panigrahy,
Associate Professor,
Dept. of ECE.*



*Dr. A. Manmadha Chary,
Associate Professor,
Dept. of Mechanical
Engineering*

PARTICIPATION

Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, attended **ACS Science Talks**, titled 'Revisiting Biosensing using Digital Holography' on 16 October 2025.



Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, participated in the **IEEE Day 2025 event**, "Leveraging Technology for a Better Tomorrow". Organized by the IEEE Election Device Society Student Chapter, IIT Patna, held on October 10, 2025.



Dr. Avinash Malladi, Associate Professor, Dept. of ME, participated in NEP Orientation & Sensitization Programme UGC-MMTTC, organized by Sri Guru Tegh Bahadur Khalsa College, Delhi, 22-31 October 2025

REVIEWER

Dr. Asisa Kumar Panigrahy, Associate Professor, Dept. of ECE, acted as a Reviewer towards the success of 5th International Conference on Signal and Data Processing 2025, to be organized by the School of Electrical and Electronics Engineering, VIT Bhopal University, Madhya Pradesh, India, during November 27-28, 2025.

Events

FLICKS IN FOCUS

Organized by: Asana Club

Venue: FST Auditorium

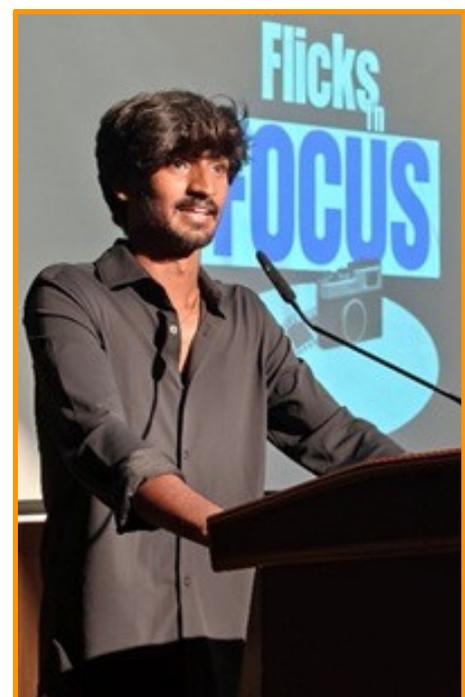
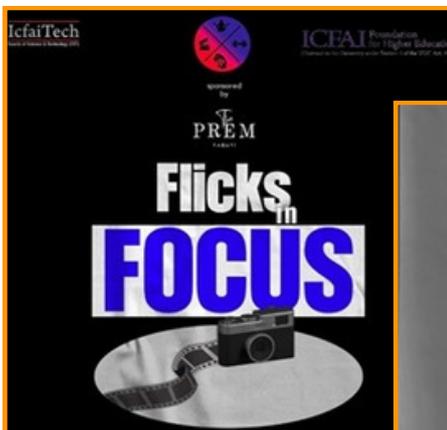
Dates: 10th & 11th October

Chief Guests & Sponsors: Prem Kahani Team

Flicks in Focus, a two-day short film event organized by the Asana Club of ICFAI University, was held on 10th and 11th October at the FST Auditorium. Sponsored and graced by the Prem Kahani Team, the event provided a vibrant platform for students from various institutions to showcase their creativity, storytelling, and filmmaking skills.

The event featured inspiring inaugural sessions, short film screenings, videography presentations, and interactive discussions. Films from colleges such as JNTU, MGIT, CBIT, Vardhaman, and ICFAI University highlighted diverse themes and innovative perspectives. Special addresses, a creative journey video, and a musical performance by the Prem Kahani Team added to the event's appeal.

The program concluded with a prize distribution ceremony recognizing excellence in filmmaking, direction, cinematography, and audience choice. Overall, Flicks in Focus was a successful and memorable celebration of student creativity, collaboration, and cinematic expression.



TEAM ASTITVA PERFORMANCE REPORT

Organized by: Astitva Club

Venue: IBS Auditorium

Dates: 16th October 2025

Team Astitva from ICFAI Tech School delivered an engaging musical performance at the Eunoia Revamp Event held on 16th October 2025 at the IBS Auditorium, Hyderabad. Organized by Eunoia, the Official Entrepreneurship Club of IBS Hyderabad, the event celebrated the club's transformation into a full-fledged Entrepreneurship Cell (E-Cell).

The team presented a lively Bollywood jamming session featuring three singers, a guitarist, a keyboardist, and a clapbox player. Their seamless coordination, musical harmony, and energetic stage presence created a vibrant and festive atmosphere in the auditorium.

The audience responded enthusiastically, applauding and singing along, while faculty and organizers appreciated the team's synchronization and versatility. Team Astitva's performance emerged as one of the highlights of the event, reflecting the spirit of collaboration, creativity, and celebration within the ICFAI community.



MEMORANDUM OF UNDERSTANDING (MOU) WITH MNR DENTAL COLLEGE & HOSPITAL

Venue: ICFAI Tech

Dates: 17 October 2025

The Centre of Excellence in Robotics & Advanced Manufacturing (CERAM), ICFAI Tech, ICFAI Foundation for Higher Education (IFHE), Hyderabad, signed a Memorandum of Understanding (MoU) with MNR Dental College & Hospital, Sangareddy, on 17 October 2025. The collaboration aims to strengthen academic-clinical partnerships by promoting research and innovation at the intersection of engineering, healthcare, and advanced manufacturing.

Under this MoU, both institutions will work together on medical device design, patient-specific prosthetics, and biomedical 3D printing, focusing on customized surgical guides, implants, and regenerative solutions. The partnership will also facilitate expert lectures, workshops, joint research projects, and hands-on training, while offering valuable experiential learning opportunities for students. This initiative reflects IFHE's commitment to interdisciplinary research, academic excellence, and impactful healthcare innovation.



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