



### From the Director`s Desk



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

With great pleasure, I introduce the current edition of the Newsletter from IcfaiTech to our dedicated readers. We start with June, which was all about exams, evaluations, and timely results publication. Faculty and staff members conducted the comprehensive exam and compiled results in an organized and timely fashion. July was marked by a series of faculty seminars and research presentations. During

this time, the campus prepared itself for welcoming a fresh new batch of students for the upcoming semester. August saw the successful conclusion of Deeksharambh and the commencement of classes for the freshmen science and engineering students. The rustle of footsteps in the corridors and fresh faces in the first-year classrooms set the campus abuzz. August had three special events – the launch of our Alumni newsletter, the celebration of 77th Independence day, and the Chandrayaan landing on moon- all of which left their imprint on the minds and souls of students and teachers alike.

I extend my heartfelt appreciation to our dedicated faculty, who have started yet another academic year with great promise. The staff and students have been successful in seamlessly integrating into the new academic rhythm. I take great pride in presenting the accomplishments of our faculty members and students in this newsletter.

## Newsletter Highlights

### Faculty Achievements:

**Dr. Soumit Samadder Chaudhury**, Assistant Professor, Dept. of Electronics and Communication Engineering published a peer reviewed journal article.

**Dr. Thokala Soloman Raju**, Assistant Professor, Dept. of Physics delivered a lecture on 5th June 2023 on the topic “Dark Solitons of Bose-Einstein condensate as qubits in quantum computers” at the International Conference.

**Dr M L Pavan Kishore**, Assistant Professor, Dept. of Mechatronics Engineering was invited to evaluate a PhD thesis.

**Mr. Avinash Malladi**, Assistant Professor, Dept. of Mechatronics Engineering published an article.

**Dr. K Adi Narayana Reddy**, Assistant Professor, Dept. of Data Science and Artificial Intelligence published an article.

**Dr L. Lakshmi**, Associate Professor, Dept. of DSAI, **Dr. K Adi Narayana Reddy**, **Dr. Suresh Kumar Grandhi**, Associate Dean, Academics and, **Dr. Sandeep Kumar Panda**, Dept. of Data Science and Artificial Intelligence published an article.

**Dr. B.Deevena Raju**, Assistant Professor, Dept. of Data Science and Artificial Intelligence published a book.

**Dr. S. Kaushik**, Associate Professor, Dept. of

Computer Science & Engineering delivered technical sessions on a one day seminar.

**Dr.V.A.Sankar Ponnappalli**, Assistant Professor, Dept. of Electronics and Communication Engineering published an article

**Dr. M. Swathi Mulinti**, Assistant Professor, Dept. of English participated in a one-week International FDP and National Workshop.

**Dr. Sudheer H**, Assistant Professor, Department of Electronics and Communication Engineering successfully completed the FDP.

**Dr. M. Sandhya**, Assistant Professor, Department of Electronics and Communication Engineering was invited as a resource person for a national level workshop

### Student Achievements:

**Mr. Abhiram Vollala (19STUCHH010321)** appeared in a lead role in the Telugu movie.



## Achievements Page

### Faculty Achievements:



**Dr. Soumit Samadder Chaudhury**, Assistant Professor, Dept. of Electronics and Communication Engineering, published a peer reviewed journal article titled “Independent Control over Passbands in Highly Selective and Compact Triple-Band Bandpass Filter Based on Substrate Integrated Waveguide” in the journal Progress in Electromagnetics Research B, Vol 100, pp. 133-154.

**Dr. Thokala Soloman Raju**, Assistant Professor, Dept. of Physics delivered a lecture on 5th June 2023 on the topic “Dark Solitons of Bose-Einstein condensate as qubits in quantum computers” at the International Conference on Quantum Information and Quantum Technology 2023 (QIQT-2023) hosted by the Indian Institute of Science Education and Research Kolkata (IISERK) in hybrid mode from 8th May to 15th June 2023



**Dr M L Pavan Kishore**, Assistant Professor and Head, Dept. of Mechatronics Engineering was invited to evaluate a PhD thesis entitled “Experimental Investigation On Heat Transfer And Pressure Drop Using Hybrid Nano Fluid Under Constant Heat Flux Method” from Vels Institute of Science, Technology & Advanced Studies (VISTAS) Chennai.



**Mr. Avinash Malladi**, Assistant Professor, Dept. of Mechatronics Engineering Mechatronics published an article titled “Assessment of solar thermal monitoring of heat pump by using zeolite, silica gel, and alumina nanofluid” in Springer Journal of Clean Technologies and Environmental Policy.”

**Dr. K Adi Narayana Reddy**, Associate Professor, Dept. of Data Science and Artificial Intelligence published an article titled “An Efficient Regression Method To Predict Soil pH Using RGB Values” in the International Research Journal on Advanced Science Hub 2582-4376 Vol. 05, Issue 05 May.



**Dr L. Lakshmi**, Associate Professor, Dept. of DSAI, Dr. K Adi Narayana Reddy, Dr. Suresh Kumar Grandhi, Associate Dean Academics and Dr. Sandeep Kumar Panda co-authored and published an article titled “WOMT: Wasserstein Distribution Based Minimization of False Positives in Breast Tumor Classification Using Deep Learning” in IEEE Access Journal, June 2023.



**Dr. B. Devena Raju**, Assistant Professor, Dept. of Data Science and Artificial Intelligence published a book titled “DATA MINING AND DATA WAREHOUSE” Deccan international academic publishers, ISBN no. 978-81-961690-6-0







**Dr. Swathi Mulinti**, Assistant Professor, Dept. of English participated in a one-week International FDP on "Adapting English Language Teaching to the Fourth Industrial Revolution" from

21-27 June, organized by the Department of English, Bharat Institute of Engineering and Technology, Hyderabad.

Dr. Mulinti also participated in a National Workshop on "Storytelling For Effective Classroom Communication at Higher Education" (Online) On



Academy of Loughborough University, UK.

**Dr. Sudheer H**, Assistant Professor, Department of Electronics and Communication Engg., successfully completed the FDP on "Recent Trends in Smart Energy Market (AI/ML, Blockchain applications)", organised by Dept. of Electrical Engineering in association with



The Centre for Training and Learning, NIT Warangal during "3rd - 7th July 2013.



**Dr. M. Sandhya**, Assistant Professor, Department of Electronics and Communication Engg., was invited as a resource person for a national level

workshop on RF Design and Applications organized by Sri Sai Institute Of Technology & Science, Rayachoti, on 24th and 25th July, 2023.



**Dr. Pavan Kishore M.L.**, Assistant Professor & Head, Dept of Mechatronics, has been selected by Vels Institute of Science, Technology & Advanced Studies (VISTAS), Chennai, as an external examiner to evaluate the Ph.D. thesis of Navuluri Padma Sravya, entitled "Study Of Palmyra/S-Glass Fiber on Tribological and Dynamic Mechanical Analysis of Epoxy Resin Based Nanocomposites"

**Dr. S. Kaushik**, Associate Professor, Dept. of Computer Science & Engineering, delivered technical sessions on a one day seminar topic on "The Art of Writing Research Article and Publishing in High Impact SCOPUS/SCI-E Journals" on 9th June at MLR Institute of Technology (Autonomous) Hyderabad.



**Dr. V. A. Sankar Ponnappalli**, Assistant Professor, Dept. of Electronics and Communication Engineering published an article titled "Fractal Geometry Based Antennas and Arrays: A Review" in the International Journal of Student Project Reporting, Inderscience Publishers.

**Student Achievements:**

**Mr. Abhiram Vollala** (19STUCHH010321) appeared in a lead role in the Telugu movie Bheemadevarapalli Branchi released on the 23rd of June 2023.

## Faculty Seminars



The Dept. of Mathematics and English organized the following faculty seminars:

**Title:** “Strength Asymmetry and Positional Licensing: An Optimality Theoretic Perspective on Deletion in Missing”

**Speaker:** Dr. Loreina Pagag, **Date:** 19th June 2023

**Title:** “Effect of variable gravity, mass flow and heat



source on double diffusive convection in a horizontal porous layer”

**Speaker:** Ms. Ambica Kolipaka, **Date:** 22nd June 2023

The Dept. of Computer Science and Engineering organized the following faculty seminars:

**Title:** Artificial Intelligence in the Development of Metaverse

**Speaker:** Dr. Dileep Kumar, **Date:** 22nd June 2023

**Title:** Credit Card Fraud Detection

**Speaker:** Dr. Banoth Seetharamulu, **Date:** 14th July 2023, Friday

**Title:** N-Gram-Based Machine Learning Approach For Bot Or Human Detection From Text Messages

**Speaker:** Dr. Durga Prasad K , **Date:** 21st July 2023, Friday

**Title:** RNS to Binary Converter For a Three Moduli Set { $2^{(n-1)}-1, 2^n-1, 2^{(n+k)}$ }

**Speaker:** Dr. MVN Madhavi Latha, **Date:** 31st August

2023, Thursday

The Dept. of Mechatronics Engineering organized the following faculty seminars:

**Title:** Investigations on Chip Morphology, Tool Wear and Surface Integrity of the Workpiece in Ultrasonic-Vibration Assisted Turning Process.

**Speaker:** Dr. K. Vivekananda, **Date:** 7th July 2023, Friday

**Title:** Mechanical Properties of 3D-Printing: Titanium and steel by applying a L27 experimental array for simulation.

**Speaker:** Ms. Priyanka Chatteraj, **Date:** 4th August 2023, Friday

The Dept. of Electronics and Communication Engineering organized the following faculty seminars:

**Title:** CMOS Amplifier Design Using gm/ID Methodology

**Speaker:** Dr P Akhendra Kumar, **Date:** 13th July 2023, Thursday

**Title:** Maple Leaf Patch: A Naturally Inspired Antenna

**Speaker:** Dr V. A. Sankar Ponnappalli, **Date:** 24th July 2023, Monday





## Events at IcfaiTech

### Deeksharambh:

The Deeksharambh programme for inducting new students of IcfaiTech was scheduled from 20th July to



2nd August, 2023, for B Tech students. This program underscored the pivotal role that higher education institutions like ICFAI play in shaping the world around



us. This, in turn, lays the foundation for a strong nation by equipping individuals with knowledge across various fields, instilling a sense of responsibility, and harnessing their innate potential. The University Grants Commission (UGC) has introduced 'Deeksharambh: A Guide to Student Orientation Program,' aiming to help

students adapt to their new academic environment, foster connections with peers and educators, raise awareness about socially relevant issues, and instill essential human values. Over the ten days of the Orientation Program, students benefitted by being introduced to the basic structure of courses, the opportunities and regulations that have been set by the school to ensure an overall development of the students. The Deeksharambh set the stage for a productive teaching and learning experience.

### Alumni Newsletter release:

The Alumni Newsletter, ECHO, was unveiled by Director IcfaiTech, Dr. K. L. Narayana on 16 August 2023 in the presence of teachers and scholars of the school. The Director addressed the Alumni association and congratulated Dr. Vivekananda, Dr. Shakeel Hashmi, Dr. Divya, and Dr. H Sudhir for their dedication and hard work that has finally brought the magazine to fruition. The Alumni committee was encouraged to strengthen the links between the ex-students of the institute and to plan future endeavors wherein current students are benefitted by the efforts and mentoring of alumni. Everyone present witnessed the release of the first issue of the magazine, thereby becoming part of a memorable occasion.





### Independence day:

August 15, 2023 marked the 77th Independence Day for India. On this occasion, the tricolor was hoisted in the



presence of faculty and students. Student musicians Astithva, Ajay, Srinivas, Bala Sanjita, Ambarish, and Nihal Shariff graced the occasion with their beautiful renditions of songs like Ae watan and Maa Tujhe Salam. Yantrikey club had organized a treasure hunt in the FST auditorium and participants from various academic streams, including law and BBA took part in the event.

### Chandrayaan live streaming in auditorium:

On 23 August 2023, India's lunar mission Chandrayaan-3 achieved a soft landing on the surface of the moon at around 6:04pm IST. To celebrate the historic moment, all staff and students were invited to watch the live telecast of the landing in the auditorium. All eyes were glued to the screen as Chandrayaan slowed down and gradually made its way to the surface of the moon. This is the first time that any man-made explorer has landed



on the lunar south pole. As the craft touched the surface, the auditorium erupted with applause and everyone celebrated the success as a unified victory of science and technology.



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### Editorial Team

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