

SEPTEMBER, 2021 | VOLUME 3

# *IcfaiTech Newsletter*



## **THIS ISSUE:**

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- SIGNIFICANT RECOGNITION
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## From the Desk of the Dean

IcfaiTech, Hyderabad is committed to steering agile young minds towards excellence by empowering them to think critically, analyze thoroughly, and communicate effectively. As the Dean, I compassionately follow the mission of educating our students through an innovative and contemporary pedagogical approach. I am confident that our Institute will continue to adapt and achieve milestones through the supportive network of students, faculty, and staff. I also believe that we will continue honing our acumen in the coming times by exhibiting strength, tenacity, focus, and resilience.

Through the third chapter of the Newsletter of IcfaiTech, Hyderabad, I present important insights into the Institute. Enriching the bond with our readers, we have organized the Immersion Programme for the Freshmen. Further, this newsletter also demonstrates the recruitment drives happening at the campus, as well as highlights the achievements of our beloved students and faculty members. I earnestly welcome you to be a part of our vibrant campus through the September version of the Newsletter.



*~ Prof. A. Vadivel,  
Dean - IcfaiTech, Hyderabad*

# Immersion Programme

## An introductory session for the Freshmen

The Immersion Programme introduced the first-year students of IcfaiTech, Hyderabad to an enriching and erudite voyage through multiple sessions that enabled the freshmen to acquaint themselves with the process and procedures of the institute - their abode for the coming 4 years that will be fundamental for shaping their career and future. During the weeklong Immersion Programme conducted on 6th-11th September 2021, students were familiarized with the vision of the Institute that embodies the essence of its pedagogy. It declared that the framework of IcfaiTech, Hyderabad fosters critical thinking, research, engagement with diverse ideas and perspectives while inculcating the values of leadership, teamwork, and effective communication, thus bridging the gap between industry and academia.



Subsequently, the detailed sessions of the Immersion Programme assured the learners that this contemporary educational approach will broaden their horizons by exposing them to a plethora of interdisciplinary courses, innovative curriculum, as well as industrial training.

## Ongoing Placement

### Leading organizations conduct recruitment drives

As the placement season advanced at IcfaiTech, Hyderabad, Leoforce India conducted a recruitment drive and selected 2 students from the Department of Computer Science and Engineering (2022 graduation batch), and offered them a CTC of 6 LPA. The elated students look forward to working with the team that made exceptional innovation in the field of Artificial Intelligence. This opportunity will enable the students of IcfaiTech, Hyderabad to apply their knowledge and creative ideas scaling their professional careers to new heights.

Further, reputed enterprises including Wipro, Tech Mahindra, Modak Analytics, Hitachi Vantara, Caprus IT, Modor Intelligence, and Epam were invited to conduct recruitment drives for the students of IcfaiTech, Hyderabad. The solutions provided by these companies facilitate businesses to manage and utilize their data landscape effectively using emerging technologies, thus, providing an exceptional professional experience to the students of our Institute.

# Young Leader

## Applying learnings to advance student club

Society for Cyberabad Security Council (SCSC) is an organization working for CYBERABAD POLICE to fight against cybercrime, cyber frauds, and all online crime. Promoting awareness among citizens against cybercrime SCSC organized DiLSeY (Digital literacy to secure youth), a 3-week training programme followed by a qualifying test for certification. Dindi Venkat Sai Sagar, 4th year, B. Tech - Computer Science, IcfaiTech, Hyderabad attended this training programme and was awarded the certificate after qualifying the test. Venkat is also the Founder/President of “**Cyber Weapons**”, a students’ club of IcfaiTech, Hyderabad. Venkat purposes to train his 85 clubs in ethical hacking, penetration testing, bug bounty hunting, web application penetration testing, and much more that he learned during DiLSeY.



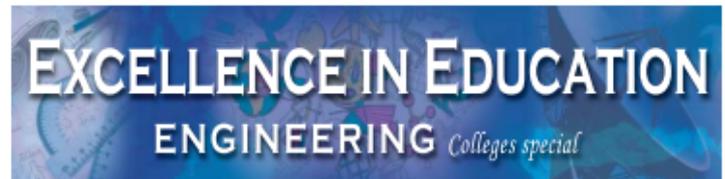
## Significant Recognition

**"The Hindu" highlights the pedagogy of IcfaiTech, Hyderabad**

Renowned newspaper, The Hindu - Hyderabad highlighted the pedagogy of IcfaiTech, Hyderabad in their college special edition – "Excellence in Education Engineering". Published on 16th September 2021, the article titled "Focusing on Knowledge and Innovation Driven Curriculum", reflected the innovative and interdisciplinary educational approach of the Institute. The editorial appreciated the integrated and broad-based curriculum of IcfaiTech, Hyderabad along with its choice-based credit system. It also said that a strong foundation is provided to the learners incorporating the latest techniques and technologies that prepare them for the global market. Further, the article highlighted that IcfaiTech, Hyderabad has structured the curriculum to accommodate Project-based learning in engineering education which is a dynamic classroom approach such that students actively explore a spectrum of real-world problems and challenges for a deeper understanding of concepts and expansion of knowledge.

THE HINDU  
THURSDAY, SEPTEMBER 16, 2021

A Business Initiative



**Focusing on Knowledge and Innovation Driven Curriculum**

Also, it is mentioned that IcfaiTech, Hyderabad dedicates one specific semester assigned to real-time projects that are person-oriented, individually supervised, and involves different dimensions and complexities, enabling the students to develop profound skills such as critical thinking, collaboration, creativity, and communication skills, and unleashing contagious, creative energy among the students and the teachers. The article emphasized that the Institute fosters imperative skills such as group work, autonomous learning, self-assessment skills, time planning, as well as oral and written expression skills. It appreciated the engineering curriculum of IcfaiTech, Hyderabad that includes the Internship Programmes to narrow the gap between industry and academia, and also the Technology Innovation Centre that imparts entrepreneurship skills among the students providing holistic growth.

# Campus Happenings

## Faculty Development Programme/Workshop

**Topic:** Fields Theory and Its Applications

**Date & Time of Inauguration:** 16-09-2021 at 10.10 AM.

**Duration:** Two Days

**Organizing Department:** Department of Mathematics

**Topic:** Task Based Language Teaching

**Date & Time of Inauguration:** 30-09-2021 at 10.00 AM.

**Duration:** One Day

**Organizing Department:** Department of English

## Departmental Seminar

**Topic:** Detecting fake account on social media using Machine Learning algorithms

**Speaker:** Dr. Deevena Raju

**Date:** 24 September 2021

**Time:** 3.00 PM

**Organizing Department:** Department of DSAI

**Topic:** Image Reconstruction Learning Framework for CBMIR

**Speaker:** Ms. P Rohini

**Date:** 29 September 2021

**Time:** 4:30 PM- 5:30 PM

**Organizing Department:** Department of Computer Science and Engineering

**Topic:** Performing physics experiments without laboratory equipment

**Speaker:** Dr. E. Zacharias

**Date:** 30 September 2021

**Time:** 2 PM - 3 PM

**Organizing Department:** Department of Physical Science

**Topic:** Nanoscale FETs

**Speaker:** Dr. Rajesh Kumar Jha

**Date:** 30 September 2021

**Time:** 4 PM - 5 PM

**Organizing Department:** Department of Electronics and Communication Engineering



**One-Day Online workshop on**  
**Task - Based Language Teaching**  
**30<sup>th</sup> September, 2021**

**Call for Registration and Participation**  
**Coordinator**  
**Dr. Swathi Mulinti**

**Organized by the**  
**Department of Mathematics & English**  
**IcfaiTech (Faculty of Science and Technology)**  
**ICFAI Foundation for Higher Education (IFHE), Hyderabad-501203**

**ICFAI Foundation for Higher Education**

**ICfaiTech**

**Overview**  
The objective of this short-term workshop is to introduce the participants to the concept of Task Based Teaching Approaches. This approach is considered to be a humanistic one as it focuses on the learners' needs. The emphasis is placed on interacting in the target language because this is seen as the precondition for learning to communicate in a second language. Authentic texts are used in order to ensure that the language used inside the classroom is connected with the language used outside the classroom.

**Objective**  
A workshop is being planned to be organized at IcfaiTech, Department of English during August 30th-September, 2021. The aim of this workshop is to  
1. Make the participants understand the concept of Task Based Language Teaching.  
2. Understanding "a task" in language classroom  
3. Practicing the tasks to learn the language and designing a task to understand the concept of TBLT.



# Campus Happenings

## Faculty Development Programme

The Department of Mechatronics Engineering, IcfaiTech, Hyderabad conducted a Five-Day Online Faculty Development Programme (FDP) on Digital Additive Manufacturing (3D Printing) from 6th to 10th September, 2021. The Faculty Development Programme commenced with a welcome address by Dr. M. Srinivasa Reddy, Director, IcfaiTech, Hyderabad. Further, presidential remarks were provided by Dr. A Vadivel, Dean, IcfaiTech, Hyderabad, and Dr. Grandhi Suresh Kumar, Coordinator, Department of Mechanical and Mechatronics Engineering. The Chief Guest - Dr. K. P. Karunakaran, Professor, Indian Institute of Technology Bombay, illuminated the participants about the importance of 3D printing in modern engineering. Dr. A. Manmadha Chary and Dr. Barla Madhavi, FDP Coordinators, shared their thoughts on the FDP and expressed their gratitude through the vote of thanks respectively.

**ICEFAI** Foundation  
for Higher Education  
(Deemed-to-be University under Section 3 of the UGC Act, 1956)

**IcfaiTech**  
Faculty of Science & Technology (FST)

## A Five-Day Online Faculty Development Programme on

### **DIGITAL ADDITIVE MANUFACTURING (3D PRINTING)**

**6<sup>th</sup> – 10<sup>th</sup>, September 2021**

**Call for Registration and Participation**

#### **Coordinators**

**Dr. A. Manmadha Chary  
Dr. Barla Madhavi**

During the FDP, 74 participants from various industries, colleges, universities and across different domains participated, and 13 speakers delivered lectures on their research and industrial experiences. The programme was conducted through 15 sessions, including 12 theory lectures on fundamentals, advancements, research objectives and application in additive manufacturing, as well as 2 demonstration sessions on additive manufacturing machines and one online practice session on software and STL file generation. The programme provided valuable insights on applications of additive manufacturing enabling the participants to advance their understanding of this emerging discipline.

## Faculty Achievement

ICFAI University Press (IUP) circulates quarterly journal to publish research papers on state-of-the-art computing techniques, encryption techniques, computational problems, Artificial Intelligence, Cloud Computing, Databases, Algorithms and data structures, Cybernetics, Firewall techniques, Chip designing, Logic circuits, Software engineering, Programming techniques, Computer architecture, Neural networks, Machine Learning, etc. Dr. A. Vadival, Dean, IcfaiTech, Hyderabad has been appointed as the Consulting Editor of The IUP Journal of Computer Sciences. As a Consulting Editor, adhering to the schedules and guidelines laid down by the IUP, he will create the database of active researchers in the journal-related fields/disciplines, build a network of prospective authors/researches, evaluate papers, schedule publication of the papers, etc.



Also, among many achievements in his prodigious career, Dr. A. Vadivel has also served as a Resource Person for the UGC - Sponsored Online Refresher Course in Computer Science & Applications conducted by the UGC – Human Resource Development Centre, Bharathidasan University, Tiruchirappalli. His thought-provoking ideas during the highly appreciated session titled “Parametric and Nonparametric Test for Data Science”, held on 2nd October 2021 at 10.00 AM, immensely benefitted the participants.

## Faculty Achievement

The International Conference on Micro-Electronics Electromagnetics (ICMEET) and Telecommunications is organized to unite academic scientists, and researchers to discuss the recent developments and future trends in the domain of microelectronics, electromagnetics, and telecommunication. The books published so far with the title ICMEET in LNEE discussed various topics including analog, digital and mixed-signal circuits, biomedical circuits and systems, RF circuit design, microwave and millimeter-wave circuits, green circuits and systems, analog and digital signal processing, nanoelectronics and giga scale systems, VLSI circuits and systems, SoC and NoC, MEMS and NEMS, VLSI digital signal processing, wireless communications, cognitive radio, as well as data communication. All the papers published with ICMEET are indexed by EI Compendex and Scopus databases. The 6th ICMEET, an international colloquium, honoured Dr. Sandeep Kumar Panda, Department of Data Science and Artificial intelligence, IcfaiTech, Hyderabad with the “Best Paper Award” for presenting a paper titled “Automating Vehicle Insurance Process using Smart Contract and Ethereum”. A breakthrough in the genre of automation and insurance makes this exceptional research a highly acknowledged paper at the ICMEET held on 27th – 28th August 2021.



Further, Dr. Sandeep chaired the session at the 5th International Conference on Smart Computing and Informatics (SCI - 2021), held on 17th – 18th September 2021. This prestigious international conference presents a unified platform for advanced and multi-disciplinary research. The theme was on a broader front focusing on various innovation paradigms in system knowledge, intelligence, and sustainability that might be applied to provide realistic solutions to varied problems of the society, environment, and industries. Subsequently, the proceedings of SCI- 2021 will be published in the reputed journal - Smart Innovation Systems and Technologies Series, Springer.



**Website:**

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

**Facebook:**

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**Twitter:**

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**LinkedIn:**

<https://in.linkedin.com/company/icfaitech>

**E-MAIL:**

[admissions.icfaitech@ifheindia.org](mailto:admissions.icfaitech@ifheindia.org)

**LOCATION:**

IcfaiTech, IFHE Campus Dontanpally,  
Shankarpally, R R District,  
Hyderabad - 501 203.

**PHONE NUMBER:**

Phone : 040-23479725 / 040-23479732  
Mobile: 8499848444  
Call/Whatsapp: 9010377002

**Editorial Team:**

Prof. M. Srinivasa Reddy, Director, IcfaiTech  
Prof. A. Vadivel, Dean, IcfaiTech  
Dr. Rashmi Sahay, Asst. Prof.-CSE, IcfaiTech  
Ms. Manoswita Dasgupta, Content Writer, IcfaiTech