

# IcfaiTech Newsletter

## From the Director`s Desk

August 2024



With great pleasure, I extend warm greetings to each of you through this edition of our newsletter. It is increasingly essential to stay connected, informed, and supportive of one another. Our newsletter serves as a vital channel for achieving this aim, providing a platform to share updates, celebrate achievements, and foster a sense of belonging within our community. I find myself filled with a sense of pride and gratitude for the resilience and dedication displayed by the faculty members of our school. I would like to acknowledge the invaluable contributions of our esteemed faculty members. I congratulate Dr.

Asisia Kumar Panigrahi in numerous ways for his contributions. Similarly, Dr. A. Chandrasekhar has kept the School in the limelight with his research contributions. In addition, I appreciate Dr. Rashmi Sahay for reviewing the research paper. I also appreciate Mr. Venugopal Chittamsetty, Assistant Professor, and Dr. Suresh Kumar Grandhi for publishing a research paper in a reputed journal. Dr. Avinash Malladi published three groundbreaking book chapters in a reputed journal, showcasing his expertise. I also congratulate Dr. Avinash Malladi for being awarded the best teacher at the IFHE Convocation, 2024.

Finally, a series of vibrant events like the Drug Abuse Prevention Program, “\$0 Million Ideas, and Janmashtami fosters community engagement. Congratulations to our faculty for their outstanding contributions, driving us toward continued innovation and excellence. Looking ahead, I am filled with optimism for the future of our organization. Together, we possess the collective strength, creativity, and determination to overcome any challenges and seize countless opportunities in the future.

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

## Best Teacher Award



**Dr. Avinash Malladi**, Associate Professor, Department of Mechanical Engineering, has been awarded the Best Teacher Award 2024 from Faculty of Science & Technology at the IFHE Convocation, 2024. Below is a transcript of his thoughts on receiving the best teacher award.



### *1. How do you feel upon receiving this award?*

I am deeply gratified to receive this esteemed award, which recognizes my tireless efforts and unwavering commitment to advancing the field of education. This distinguished honor not only acknowledges my past achievements but also serves as a catalyst for future innovation and excellence. I am invigorated to continue pushing the boundaries of educational excellence, driving positive change, and making a lasting impact on the academic community.

### *2. Tell us about the diligence & hard work that went behind winning this award.*

Receiving this award is a testament to my unwavering commitment to academic

excellence and student success. Through diligent effort and dedication, I have consistently strived to implement innovative teaching methodologies and tailor my instruction to meet the diverse needs of my students. By staying abreast of the latest pedagogical advancements and maintaining a student-centered approach, I have been able to foster a deep understanding of the subject matter and promote meaningful learning experiences for all students.

### *3. Shed light on your relationship with the students.*

My pedagogical approach is centered on building a relationship with students that is characterized by mutual respect, empathy, and open dialogue. By creating a safe, inclusive, and supportive learning environment, I facilitate students' ability to share their perspectives, address challenges, and engage in meaningful learning experiences. This student-centered approach has been pivotal in promoting their academic success, social growth, and emotional well-being, while also informing my teaching practices and professional development.



## Best Teacher Award

### *4. Who or what is your inspiration behind choosing this profession?*

My motivation to pursue a career in education is deeply rooted in my personal experiences as a student, where I was fortunate to have mentors who made a profound impact on my life. Inspired by their influence, I am driven to make a similar positive impact on the lives of my students. For me, teaching is not merely a profession, but a passion that stems from a desire to shape the future and empower the next generation of leaders.

### *5. How did IcfaiTech, Hyderabad help you grow as a faculty?*

IcfaiTech, Hyderabad has played a pivotal role in my professional development, fostering a dynamic environment that cultivates excellence in teaching and learning. The institution's commitment to innovation and continuous improvement has empowered me to explore novel pedagogical approaches, leveraging the expertise and support of the administration and my peers to enhance my instructional practices and drive student success.



# Achievements



**Dr. Leela Chelikani**,  
Assistant Professor,  
Department of Physics,  
participated in the online  
course on “AIML for  
Geodata Analysis”

conducted during 19th August to 23rd August  
2024, organized by Indian Institute of Remote  
Sensing, Dehradun.



# Article Reviews:



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



## PUBLICATIONS

**Dr. A. Chandrasekhar**, Associate Professor, Department of Mechanical Engineering, published a chapter titled “Global Initiatives and Collaborations in AI for Alzheimer's Disease,” in the textbook: AI-Driven Alzheimer's Disease Detection and Prediction, IGI Global.



**Mr. Venugopal Chittamsetty**, Assistant Professor,



and **Dr. Suresh Kumar Grandhi**, Associate Professor, Dept. of Mechanical Engineering, published an article titled “Experimental investigations on Diesel- Waste Cooking Oil Blends (V5, V10, V15, V20) on a Single -

Cylinder 4-Stroke CI Engine” in Nanotechnology Perceptions Journal.

**Dr. Avinash Malladi**, Associate Professor, Dept. of Mechanical Engineering, published three chapters entitled, 1. Cold Spray Additive Manufacturing- Chapter 2, 2. Cutting Zone Temperature and Cutting Force in 3D-Milling Operations Using ABAQUS- Chapter-8, 3. Advanced 3D Printing for Industrial Components- Chapter -15 in the book “New Materials, Processing and Manufacturability: Fabrication and Processing of Advanced Materials” He also published a research paper titled, “A Comparative Analysis of ANN and taguchi for Enhancing Predictive modelling and optimisation for Al-Base Metal Matrix Composites reinforced with nanoparticles of SiC” in E3S Web of Conferences 556, RAWMU-2024.



## Faculty Seminars:



**Title:** Design and Development of Nanobiosensors for Healthcare Applications.

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

**Day, Date:** Wednesday, 7th Aug 2024

**Time:** 4:30 PM

**Venue:** G05







## Student Achievements:



IcfaiTech (The Faculty of Science and Technology) Congratulates **K. Naga Pranathi (23STUCHH010175)** B.Tech (DS & AI), Second Year, for

successfully attending the [Summer School for Women in Mathematics and Statistics - 2024](#) offered by the International Centre for Theoretical Sciences (ICTS-TIFR). It is going to be organized by reputed organizations in India like Siva Athreya (ISI Bangalore, India), Rhythm Grover (IIT Guwahati, India), and Dootika Vats (IIT Kanpur, India) from 17th June 2024 to 28th June 2024. This summer school is intended for women students studying in their first year of B.A/B.Sc./B.E./B.Tech and mathematics are two of the major subjects/courses during the academic year 2023-2024. Over two weeks, the school aims to help the students gain broader exposure to problem-solving skills in Mathematics, Statistics, and Programming in R at the undergraduate level.

It's a testament to her hard work and academic competence. It's also great to see such strong encouragement from the Department of Mathematics and **Prof. K.L. Narayana**, The Director of ICFAI Tech. School. Their support in guiding students towards these enriching

opportunities will foster growth and development in their academic journey. Participating in programs like this broadens one's knowledge and provides valuable exposure to problem-solving skills in mathematics and statistics. It's impressive, especially considering the majority were from prestigious institutions like IITs, IISERs, ISIs, IIITs, and Central Universities. Only three students were selected across Telangana, and she is one of those. This experience will surely be invaluable for her academic and personal development. Wishing her all the best for the summer school!

**Cherukuri Gaurav Sushant (21STUCHH010341)**

, and **Veeramraju Lakshmi Ajay (21STUCHH010173)**,



Final year students of the Department of AI&DS under the



guidance of Dr. Rashmi Sahay present and published a paper titled "[A Comparative Analysis of Deep Learning Algorithms for Intrusion Detection in IoT](#)" in 2024 International Conference on Emerging Techniques in Computational Intelligence (ICETCI), Hyderabad, India, 2024, pp. 402-407, doi: 10.1109/ICETCI62771.2024.10704119.



## **Drug Abuse Prevention Program:**

Date: 13th August 2024

Venue: IBS Auditorium

Organized by: Society for Cyberabad Security Council

On 13<sup>th</sup> of August, a drug abuse and prevention seminar was conducted, starting at 11:30 AM. The session was led by distinguished speaker Ms. Devika Rani, a renowned person in Psychology and the founder of the Amrita Foundation. She has also carried out many projects for the welfare of society and provided valuable insights on the dangers of drug abuse and strategies for prevention.

Ms. Devika started by explaining what constitutes a drug, emphasizing that drugs are substances that can alter an individual's physical or mental state. While some drugs are prescribed for medical reasons, misuse can lead to severe health risks and addiction.

She then explored the reasons why youth might be inclined to experiment with drugs. Peer pressure, curiosity, stress, and the desire to escape from personal problems are some of the common factors driving young people towards drug use. Ms. Devika highlighted that even a single use of certain substances can lead to addiction due to their robust and immediate effects on the brain's reward system.

The seminar delved into the dire consequences of drug usage, including physical and mental health deterioration, legal issues, and the potential for life-threatening overdoses. Ms. Devika stressed the impact of drugs on families, causing emotional distress, financial strain, and broken relationships.

Risk factors associated with drug abuse, such as genetic predisposition, environmental influences, and mental health disorders, were discussed in detail. The

seminar provided practical advice on how individuals can overcome drug use, emphasizing the importance of seeking professional help, building a strong support system, and making lifestyle changes to avoid relapse.

Ms. Devika underscored the role of communication in prevention and recovery, noting that open dialogue within families and communities can be crucial in identifying early signs of drug abuse and providing timely intervention. She also provided contact information for local organizations and hotlines to offer assistance to those struggling with addiction.

A powerful video was shown during the seminar,



depicting the severe side effects of drug use, serving as a stark reminder of the importance of staying drug-free.

The seminar concluded with a pledge led by Miss Lalita, the SCSC Program Manager for the Women's Forum and Education. All attendees committed to spreading awareness, supporting those in need, and preventing drug abuse in their communities. The event was a significant step in educating the youth and fostering a community dedicated to combating the dangers of drug abuse.



## IcfaiTech Entrepreneurship Club



### Session on “\$0 Million Ideas”:

Date: 21st August, 2024 03:30 pm - 04:30 pm

Speaker: Mr. Meraj Faheem (CEO, EdVenture Park) & Team

Host/Anchor: Syed Adnan Aslam & Aghniya Kaleem

No. of Faculty Participants: 15

No. of External Participants: 4



### Brief Description And Key Take-aways:

- “Entrepreneurship is often perceived as a pathway to wealth, but this view misses the essence of what it truly represents. At its core, entrepreneurship is about innovation—it's driven by a passion to solve real-world problems and make life easier for others. It's not merely about developing an idea, but about taking the



It's time to stop blaming the government—after all, the government provides the necessary permissions. It's up to us to initiate action and drive innovation. India should not remain a consumer market; if we continue on this path, the value of our products and currency could decline significantly.” - Mr. Meraj Faheem

initiative to start and execute it.” - Mr. Ilyas Shah Khan.

- “People tend to remember the heroes of a story, not just the moral. Similarly, when it comes to entrepreneurship, it's the bold steps taken by individuals that leave a lasting impact.” - Mr. Meraj Faheem
- “India is frequently viewed as a consumer market, relying heavily on products made in countries like China and the USA. However, it's time to shift this perspective. Everyone has unique ideas and visions for growth. The time to act is now. We must change the perception not just for ourselves, but for those who observe us.

- During the event, several startup founders from EdVenture Park shared their experiences. These young entrepreneurs, many of whom started their ventures while still in their second year of engineering, exemplify innovation. One startup, BioFarm, focuses on eliminating plastic pollution and has achieved significant market success. Their journey serves as an inspiration for all students to ignite their own innovative spark.
- “Innovation is a gradual process, and persistence is key. It's essential to believe in ourselves and our products. Even if success doesn't come immediately, it will eventually. The important thing is to never give up.” - Mr. Meraj Faheem
- The event concluded on a positive note. The director presented the mementos, and the students left feeling inspired. The entire event was conducted smoothly, and it was undoubtedly one of the most well-received events organized, with widespread participation and appreciation for the guest speakers, who were both humble and engaging.



## Janmastami

Janmashtami is the festival celebrating the birth of Lord Krishna. This vibrant event aimed to bring together community members to honour and celebrate this auspicious occasion through a series of cultural, spiritual, and entertainment activities. The day was marked by a sense of joy, devotion, and communal harmony, reflecting the spirit of Janmashtami.

The success of the event was primarily attributed to the exceptional support and encouragement provided by Prof. L.S. Ganesh our VC and Prof. K.L. Narayana our Director and Dr. Anjana Matta sir.



Their commitment included supplying all the essential resources and offering crucial guidance, which played a key role in making the event successful.

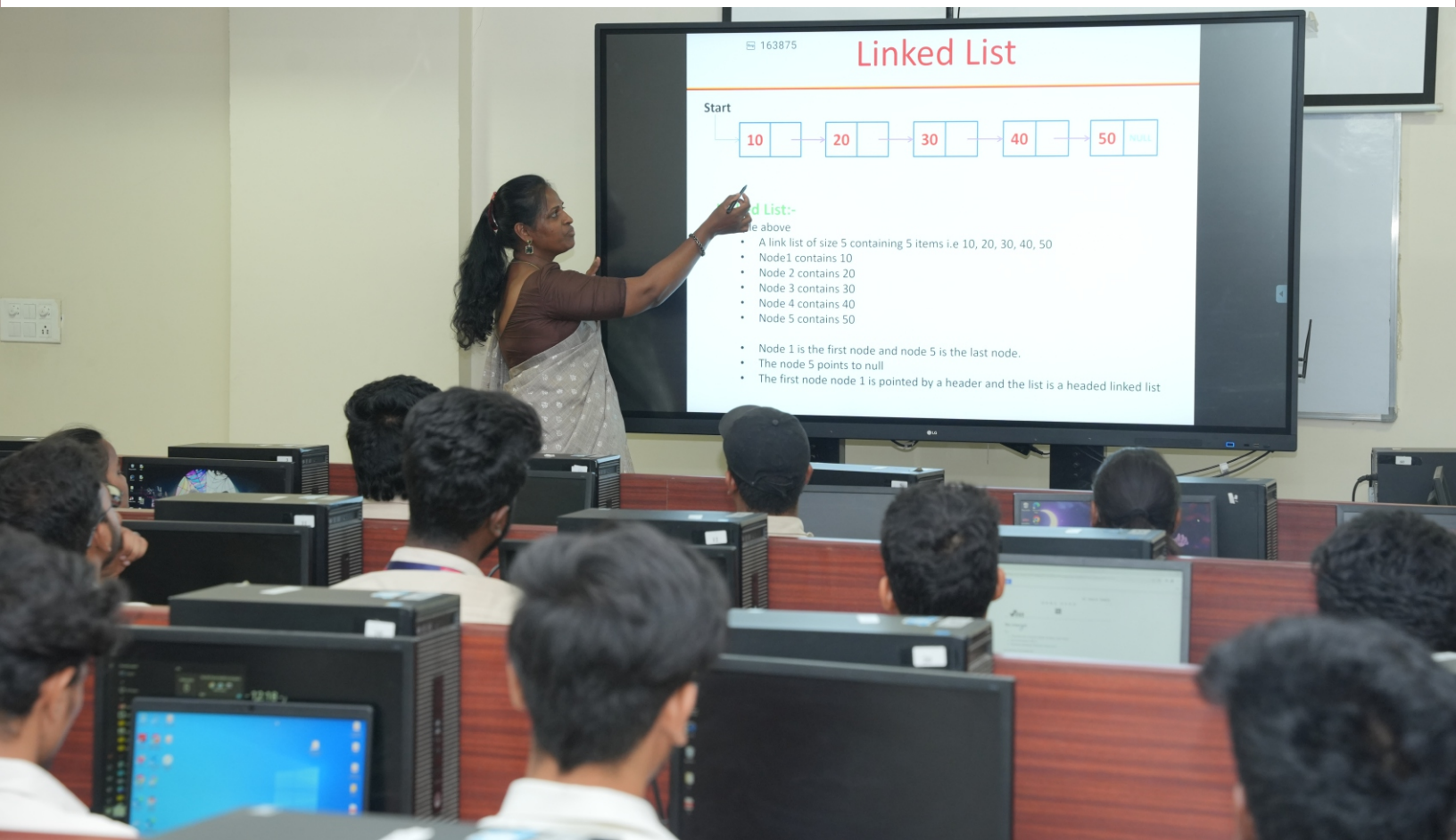




[admissions.icfaitech@ifheindia.org](mailto:admissions.icfaitech@ifheindia.org)

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>  
<https://www.facebook.com/IcfaiTech/>  
<https://in.linkedin.com/company/icfaitech>



### Editorial Team

Dr. K.L. Narayana, Director, IcfaiTech  
Dr. Rashmi Sahay, Asst. Prof., CSE, IcfaiTech  
Dr. Swathi Mulinti, Asst. Prof., English, IcfaiTech  
Dr. Upender Maloth, Asst. Prof., English, IcfaiTech