



IcfaiTech Newsletter

Vol 21, April 2023

I delightedly present the newsletter for the month of April to our ardent readers. This newsletter showcases the efforts of our bright students in making social and technical contributions to society. I proudly appreciate the efforts of the Paritantra Club for organizing Vidhyadhaan- the distribution of books to students of government schools. Empathy must be a way of life. Award-winning student business idea showcased in this newsletter reflects our

commitment to inculcating entrepreneurship skills in our students.

As the comprehensive exams are coming close, I advise all the students to focus on the preparation for the exams. There is no substitute for preparation, hard work, and perseverance. I applaud all our students and faculty members whose achievements adorn the April newsletter.



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

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Dr. Syed Quadir Moinuddin - Dept. of Mechatronics Engineering

Faculty Seminar:

The Dept. of Computer Science and Engineering

Title: Multi-Attribute Queries For Stochastic Multi-Agent Systems Over Short Time Horizons

Speaker: Dr. Ramesh Yenda

Date: Thursday, 6th April 2023, Time: 4:30 - 5:00 PM

Venue: Room No. 209

Title: Attention Based Deep Network Model using BERT for Sarcasm Classification

Speaker: Ms. Pallavi Mishra

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Venue: Room No. 209

Title: Blockchain based Digital Copyright Management System

Speaker: Mr. Vara Prasad

Date: Friday, 21st April 2023, Time: 4:45- 5:30 PM

Venue: <https://meet.google.com/qxx-nydq-njs>

Title: A Hybrid Route Optimization Mechanism in Delay Tolerant Networks

Speaker: Pradosh Kumar Gantayat

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Venue: R-209

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Title: Speech bandwidth extension using magnitude spectrum data hiding.

Speaker: Dr. N. Prasad

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Title: CFD study of flow accelerated corrosion

Speakers: Dr. T. Divya

Date: Tuesday, 18th April 2023, Time: 4:30- 5:00 PM

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Student Seminar was conducted by the Dept. of AI&DS:

Seminar Topic: Data science Ecosystem

Speaker: M.V. Lakshmi Ajay (21STUCHH010173)

Date: Thursday, 27th April 2023

Venue: FST, Auditorium

Vidhyadhaan:

Paritantra Club conducted Vidhyadhaan on 06 April 2023. The club collected new or gently used books, and donated them to students in nearby Government



schools who are meritorious and mostly come from humble backgrounds. Department of Physical Sciences, FST, IFHE also contributed by donating partially used



Physics and Chemistry lab record books. The club members also interacted with the students of the schools visited, educating them on the various benefits



of book reading, explaining to them the club's motto and

being responsible towards the environment. The club volunteers along with the faculty mentors Dr. Anjanna Matta and Dr. M. Upendar visited four Government High Schools in



Maharajpet, Tanguru, and Proddutoor. The event proved to be a humbling and enlightening experience for everyone who was a part of it. Vidhyadhaan has become a tradition of Paritantra. The club also collected the contacts of 9th-grade students interested in participating in a summer camp to be



organized by the club. The summer camp would provide a bridged course for students moving from 9th grade to 10th grade.



English Language Day:

ICFAI tech (Faculty of Science Technology) organized, English Language Day on 21st April 2023 at FST auditorium. English Language Day is celebrated globally to commemorate renowned playwright William Shakespeare. William Shakespeare has made insurmountable contributions to English literature. The day was celebrated to create awareness among students towards rich history of English language. Department of English conducted various competitions to promote



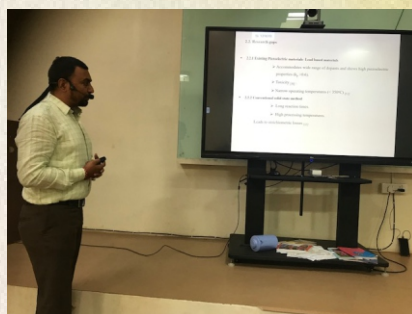
students of FST performed one of the most popular plays of William Shakespeare – Romeo and Juliet. Around 200 students attended the event. ICFAI Tech admin and the department of English have extended their support for the successful completion of the event.



Student Achievements:

Mr. Ravikiran Uppala, PhD Student, Dept. of Physical Sciences defended his PhD Thesis on 26-04-2023. The title of the Thesis is Synthesis and Dielectric Properties of rare-earth (Sm, Y) substituted eco-friendly SBTi ceramics. Mr. Ravikiran Uppala pursued his PhD under the supervision of Dr. Elizabeth Zacharias, Associate Professor, Dept. of Physical Sciences.

Mr. Emani Rakesh, B.Tech (CSE), second year won the 1st prize in the Business Idea Competition IDEATHON organized by IcfaiTech Entrepreneurship club for his project idea **DreamHome.AI**, which is an Artificial Intelligence and Augmented Reality based tool. DreamHome.AI simplifies the process of designing and planning a house. For the same project, Mr. Rakesh won the 3rd prize in the Business Idea Competition (IGINITRON) held at VJIM. To know more about Rakesh's business idea, reader may click on this link "[DreamHome.AI](#)"



language proficiency and to encourage the skill of creative writing among students. The competitions held for the event are: Stand-up comedy, Poetry reading, Storytelling and Elocution. The event was inaugurated by ICFAI Tech director- Dr.K.L Naranayna by lighting the lamp. Director- Dr.K.L Naranayna gave an insightful speech on the day's importance. The winners for the



competitions were awarded prizes. As part of the event,



the Business Idea Competition (IGINITRON) held at VJIM. To know more about Rakesh's business idea, reader may click on this link "[DreamHome.AI](#)"

Faculty Achievements:

Dr. V. A. Sankar Ponnappalli, Assistant Professor, Dept. of Electronics and Communication Engineering published a book chapter titled “Development of Array Antenna Design Algorithms Using Scilab: An Open-Source Software Solution for Effective Engineering Teaching” in the book Progress in Education published by Nova Science with ISBN: 979-8-88697-722-6. (Link to the book chapter: <https://novapublishers.com/shop/progress-in-education-volume-75/>)

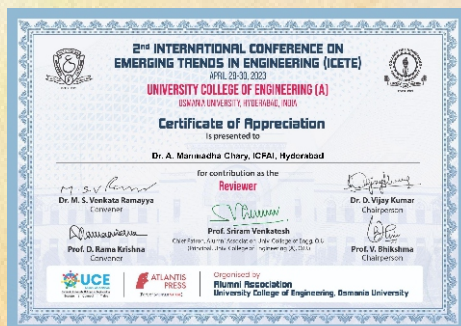


Dr. Anjana Matta, Head, Dept. of Mathematics and English has been elected as the Vice President- India of IIT Hyderabad Alumni Association for the period of April 2023 to 2025.



Dr. A. Manmadha Chary, Assistant Professor in the department of Mechatronics Engineering has been appreciated for his effort and contribution as a Reviewer in the 2nd International Conference on Emerging Trends in Engineering (ICETE)

organized by the Department of Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad, India during April 28-30, 2023.

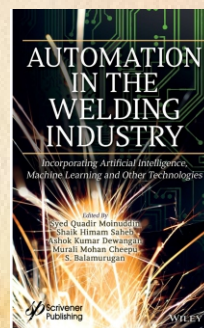
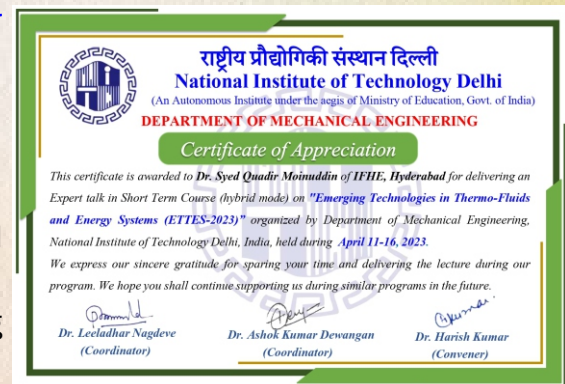


Dr. Syed Quadir Moinuddin, Assistant Professor, Dept. of Mechatronics, participated in a one week Short Term Course (Hybrid mode) on "Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023" organized by the Department of Mechanical Engineering,

National Institute of Technology Delhi, India, held during April 11th-16th, 2023



Dr. Syed Quadir Moinuddin delivered an Expert talk in the Short Term Course (hybrid mode) on "Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023)" organized by Department of Mechanical Engineering, National Institute of Technology Delhi, India, held during April 11-16, 2023.



Dr. Syed Quadir Moinuddin, Assistant Professor, Dept. of Mechatronics also co-edited a book titled “Automation in the Welding Industry” published by Scrivener Publishing.



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