

# IcfaiTech Newsletter

**June 2024**

## From the Director's Desk



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 for his contribution in numerous ways. Similarly, Dr. A. Chandrasekhar

has kept the School in the limelight with his research contributions. In addition, Dr. Anjanna Matta contributed to the research, publishing an outstanding paper in the Journal of 'Discontinuity, Nonlinearity, and Complexity'. I also appreciate Dr. Sudheer Hanumanthakari for publishing a research paper in the Journal 'Network: Computation in Neural Systems'. Additionally, Dr. K. Vivekananda and Dr. M.L. Pavan Kishore's presentations in prestigious conferences and journals underscore our faculty's engagement in cutting-edge research.

Finally, a series of vibrant events like Environment Day and International Yoga Day, fosters community engagement. Congratulations to our faculty for their outstanding contributions, which are 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**



# Achievements



**Dr. A. Chandrasekhar,**  
Associate Professor,  
Department of  
Mechanical  
Engineering,  
participated in an FDP  
on the NEP 2020  
Orientation &  
Sensitization

Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) Organized by the Teaching Learning Center,

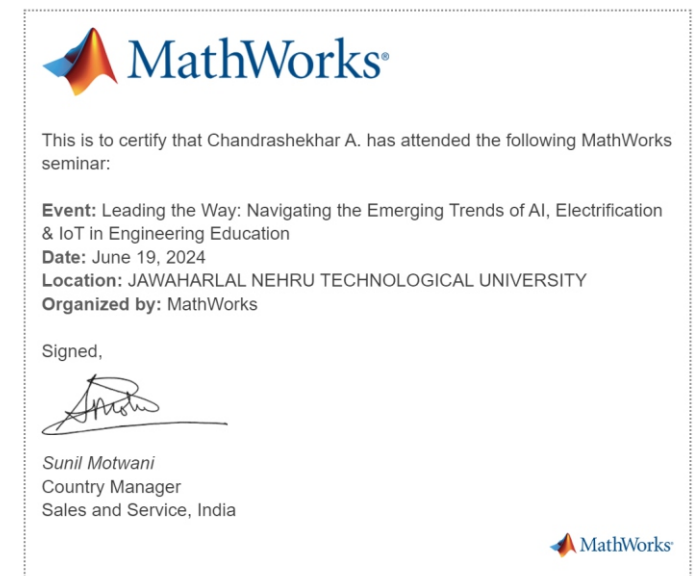


Dr. A. Chandrasekhar attended a seminar on 'Leading the Way: Navigating the Emerging Trends of AI, Electrification & IoT in Engineering Education' organized by Mathworks, Jawaharlal Nehru Technological University, on June 09, 2024.



Indian Institute of Technology (BHU), Varanasi from 20-29 May 2024.

He presented a research paper titled “AI-Driven Test and Measurement Automation in Electronics Manufacturing” at the Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM2024) organized by Jeppiaar Engineering College on 4th & 5th, April, 2024.





**Dr. Asisa Kumar Panigrahi**, Associate Professor,



Department of Electronics and Communication Engineering, reviewed an article entitled “Low temperature Cu-Cu direct bonding in air ambient by ultrafast surface grain growth”

for the 'Royal Society Open Science.

He also participated in an FDP on the NEP 2020 Orientation & Sensitization Programme under the



Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) Organized by the Teaching Learning Center, Indian Institute of Technology (BHU), Varanasi from 20-29 May 2024.

He received a certificate for attending a webinar on the topic "5G/6G the Future of Intelligent Connectivity using Ansys" on 24th May 2024.

He has been selected as an editorial board member for a Scopus-indexed journal, Current Nanomaterials, Bentham Science.

**Dr. Asisa Kumar Panigrahi**, Associate Professor, Department of Electronics and Communication Engineering, reviewed an article entitled “Development of a Reaction Wheel with Integrated 1U Control Subsystem for Satellite Attitude Determination” for the Journal '**Academic Open Access Publishing**'.

He reviewed an article entitled “Low temperature Cu-Cu direct bonding in air ambient by ultrafast surface grain growth” for the '**Royal Society Open Science**.

**Dr. K. Vivekananda**, Assistant Professor,

Department of Mechanical Engineering, presented a research paper titled, “Exploring the Intricacies of Machine Learning-Based Optimization to Predict Mechanical



Properties of Friction Stir Welded Joints of Dissimilar Al5052 and AZ31” at the International Conference on Advanced Manufacturing and Materials Processing (AdvaMAP-2024), held from 10th to 12th June 2024 in Lisbon, Portugal..



## Achievements

## Publications

**Dr. Sudheer Hanumanthakari**, Associate Professor, Department of Electronics and Communication Engineering, published a research paper “Enhancing multi-class lung disease classification in chest x-ray images: A hybrid manta-ray foraging volcano eruption algorithm boosted multilayer perceptron neural network approach” in the Journal '**Network: Computation in Neural Systems**'.



**Dr. Anjanna Matta**, Associate Professor, Department of Mathematics, published a research article titled, “Computation of Internal Heat Source, Viscous Dissipation and Mass Flow Effects on Mono-Diffusive Thermo-Convective Stability in a Horizontal Porous Medium” in the Journal of '**Discontinuity, Nonlinearity, and Complexity**'.



**Dr. A. Chandrasekhar**, Associate Professor, Department of Mechanical Engineering, published an article titled, “Impacts of Nano-Materials and Nano Fluids on the Robot Industry and Environments” in the Journal of '**Multidisciplinary Applications of AI Robotics and Autonomous Systems**'.





**Dr. M.L. Pavan Kishore**, Assistant Professor, Department of Mechanical Engineering, presented a research paper titled, “Dynamic Characteristics Determination of Viscoelastic Sandwich Beam Using Finite Element Method” at the International Conference on Design, Materials & Manufacturing



Department of Mechanical Engineering, Graphics Era (Deemed to be University), Dehradun on 9th and 10th May 2024.

He has participated in One Week Virtual FDP on “Current Trends in Mechanical Engineering-Case Studies from Industries & Academia to Promote Innovation, Design Thinking and Startups” held



Engineering for Sustainable Development (ICDMMESD-2024) organized by the



from 20<sup>th</sup> -25<sup>th</sup> May 2024, organized by the Dept. of Mechanical Engineering, SVECM, Bhimavaram.



**Publications**

# Events

## Environment Day Celebration

### Special Webinar and Seed Ball-Making Competition (Date: June 5, 2024)

**INTRODUCTION:** In celebration of Environment Day, a special webinar titled "How to Prepare Seed Balls for Plantation" was hosted by the Parithantra Club and a lecture was delivered by Dr. Anjanna Matta. The event aimed to educate participants on sustainable practices and encourage active participation in environmental conservation efforts. Additionally, a Seed Ball Making Competition was announced to further engage the community in green initiatives.

**EVENT DESCRIPTION:** The webinar took place on June 5, 2024, at 6:30 PM via Google Meet. Dr. Anjanna Matta, a respected expert in the field, led an informative and engaging session on the preparation of seed balls for plantations. The online format allowed for widespread participation and

convenience for attendees.

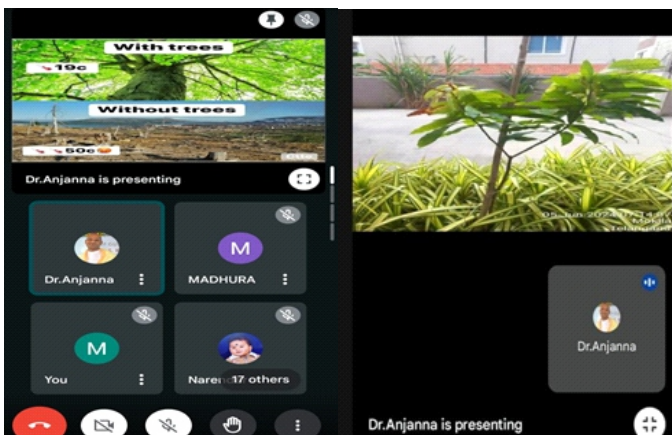
**SPEAKER:** Dr. Anjanna Matta: Delivered a comprehensive presentation on the significance of seed balls in reforestation efforts and provided a step-by-step guide on how to prepare them. Dr. Anjanna Matta emphasized the importance of using locally sourced seeds and materials to enhance the success rate of the plantations.



### Outcomes and Highlights:

- The webinar successfully educated participants on the method of making seed balls, highlighting their role in promoting biodiversity and combating deforestation.
- Attendees received practical tips and were encouraged to actively participate in environmental conservation efforts by creating and planting seed balls in their local areas.
- The announcement of the Seed Ball Making Competition added an element of excitement and engagement, motivating participants to apply the knowledge gained during the webinar.

**Feedback and Reactions:** Participants expressed their appreciation for the detailed and practical nature of Dr. Anjanna Matta's presentation. Many found the session highly informative and felt inspired to take immediate action towards environmental conservation. The announcement of the competition was met with enthusiasm, as attendees looked forward to showcasing their creativity and contributing to a greener planet.





**Conclusion:**The Environment Day celebration through the webinar on "How to Prepare Seed Balls for Plantation" was a resounding success. Dr. Anjanna Matta's expertise and engaging presentation provided valuable insights into sustainable practices. The subsequent Seed Ball Making Competition promises to further the community's involvement in green initiatives, fostering a collective effort towards a healthier planet. The event set a positive tone for future environmental activities and highlighted the importance of individual contributions to global conservation efforts.

**Competition Details:**

- Submission Deadline: August 2024, upon college reopening.
- Prizes:
  - o 1st Prize:
  - o 2nd Prize:

Participants are encouraged to apply the knowledge gained from the webinar and showcase their creativity in the Seed Ball Making Competition. This initiative not only promotes learning and competition but also supports our collective effort towards a healthier planet.



**Environment Day Celebration**

## YOGA BLISS

**On The Occasion of International Yoga Day**

**Organized by: Asana Club**

**Date: 21 June 2024**

**Venue: FST Grass Area**

**Timings: 9:30am - 10:30am**

**Objectives of the Yoga Day:**

The Yoga Day event successfully achieved its objectives, creating a meaningful and enriching experience for all participants:

1. **Promoted Physical Health:** The event



encouraged the practice of yoga, enhancing participants' physical well-being, flexibility, strength, and overall fitness.

2. **Raised Mental Health Awareness:** It highlighted the benefits of yoga in reducing stress, anxiety, and depression, and in promoting mental clarity and peace.

3. **Fostered Cultural Awareness:** Attendees gained a deeper understanding and appreciation of the cultural heritage and history of yoga, emphasizing its origins and traditional practices.

4. **Built Community:** The event brought people



together, fostering a sense of community and collective well-being through shared yoga practices



and activities.

5. **Provided Education and Training:** Educational sessions, workshops, and demonstrations taught proper techniques, benefits, and various styles of yoga, enhancing participants' knowledge and skills.

6. **Ensured Inclusivity and Accessibility:** The event made yoga accessible to people of all ages, backgrounds, and physical abilities, promoting inclusivity in wellness practices.



7. **Inspired and Motivated Participants:** It inspired individuals to incorporate yoga into their daily lives and motivated them to continue their personal wellness journeys.



### Successes of the Yoga Day Event::

The Yoga Day event at the university was a notable success, highlighted by several key achievements:



- 1. Strong Participation:** The event saw a significant turnout from students, faculty, and staff, reflecting a high level of interest and engagement within the university community.
- 2. Positive Feedback:** Attendees provided positive feedback, appreciating the well-organized sessions, the welcoming atmosphere, and the quality of instruction.
- 3. Immediate Health Benefits:** Many participants reported feeling more relaxed and rejuvenated after the yoga sessions, noting reduced stress levels and increased physical well-being.
- 4. Varied Sessions:** The event featured a variety of activities, including beginner and advanced yoga classes, meditation sessions, and workshops on holistic health, catering to different interests and skill levels.
- 5. Experienced Instructor:** Qualified yoga instructors from the local community led the sessions, ensuring high-quality guidance and enriching the participants' experience.
- 6. Campus Awareness:** The event helped raise

awareness about the benefits of yoga within the university, encouraging more people to consider incorporating it into their routines.

- 7. Inclusivity and Accessibility:** Efforts were made to ensure the event was inclusive and accessible, with modifications available for individuals with different physical abilities.
- 8. Collaborative Efforts:** The event was organized in collaboration with various university departments and student organizations, enhancing its reach and impact.
- 9. Sustainable Practices:** The event promoted environmentally friendly practices, such as using eco-friendly materials and encouraging a zero-waste approach.
- 10. Educational Impact:** Attendees left with a better understanding of yoga, its principles, and its benefits, which they could integrate into their daily lives.



### Certificates:

Certificates were provided to all the participants as a token of appreciation for their contribution to the event.



**Conclusion:**

The Yoga Day event organized by the Asana Club with the help of faculty mentor Dr. Anjanna Matta at the IcfaiTech was a great success. With strong

We are grateful to everyone who participated and contributed to the event. It had a significant impact on the well-being of our community.

We look forward to organizing more such events in



participation from students, faculty, and staff, the event fostered a sense of community and highlighted the benefits of yoga.

the future to continue making a positive difference in the university.



**YOGA BLISS**



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