



MIND'SPARK

News Letter

Department of Mechanical Engineering

Academic Year 2022-23 | Volume 7 Issue 2 | Dec 2022

Editor in Chief

Dr. A Rajasekhar,
Professor &
Head - Dept. of
Mechanical Engineering.

Editorial Board Members

Mr. Srikanth Rangdal,
Asst. Professor
Mr. Ali Ahmed,
Asst. Professor

Editorial Student Members

Syed Nadeem Ahmed, 160721736307
Mohammad Zubair, 160720736306
Sai Vamshi, 160719736002
Syed Shah Dawood, 160719736061

WORKSHOP ON NDT - NON DESTRUCTIVE TESTING



A two day workshop on NDT - Non Destructive Testing was conducted from 1st & 2nd December 2022. A total of ninety two students from III & IV year participated. The below speakers gave presentations, interacted with the students and cleared their doubts.

- Mr. Antony Harison MC, Sr Engineer, Corp., R&D, BHEL Hyderabad
- Mr. Muzaffer Ahmed Consultant Engineer - MS Engineering Institute
- Mr. Md. Ishtiyaq Mohiuddin Director - MS Engineering Institute





NFC Industrial Visit



On 7th November 2022, fifty students of IV year and three faculty members visited NFC. Students attended an introductory presentation on NFC. After that the students visited the shop floor where they were shown the processes used for extracting zirconium.

INDUSTRIAL VISIT ANNAPURNA COTTAGE INDUSTRIES



11th November 2022, Students from III Year BE visited ANNAPURNA COTTAGE INDUSTRIES on. Mr. R D Raj, is the proprietor of the company who is an ambitious Entrepreneur involved in lots of govt projects related to sustainable development. He interacted with the students & explained about income generation through sustainable development.



Mr. R D Raj also talked about his efforts which have generated employment opportunities for the rural people. He gave students a personal tour of the factory with leaf plates manufacturing facilities. He showed some of the products manufactured in the premises & explained the process.

- On 13/9/2022, a seminar on "NIRF Ranking parameters and preparations" was conducted in the college for the faculty members of all the branches.
- On 16/9/2022, a webinar on "Web Tools for Research and Researchers" in collaboration with NDLI Club and Balani Infotech Pvt. Ltd. Dr. Md. Fakhruddin H. N. attended the session presided over by Mr. Kailash Balani - Managing Director, Balani Infotech Pvt. Ltd and Dr. Prabhu G Benakop - Principal, MCET.
- On 19/9/2022, a seminar on the topic "Art of writing Research Papers & Projects" was conducted in the college. Dr. S. K. Singh from Gokaraju Rangaraju Institute of Engineering & Technology acted as the resource person for the session.
- On 29/11/2022, Dr. Prabhuraj Parsuraman, et. al. published a paper titled "Microstructure, tensile & fracture toughness of friction stir welded AA7075-T651 aluminium alloy joints", in Material Testing, Volume 64 (12), 2022 indexed in SCI.
- On 3/12/2022, Dr. Prabhuraj Parsuraman, et. al. published a paper titled "Optimisation of drilling parameters in Sisal-Human Hair Hybrid Composite using Grey Relational Analysis", in Advances in Materials Science and Engineering, indexed in SCI.
<https://www.hindawi.com/journals/amse/2022/4614105/>

TEACHERS DAY FELICITATION

Dr. Md.Fakhruddin H.N. attended Teacher's Felicitation on Teachers day organised by Edventure Park on 05-09-2022. Edventure Park is a startup by our college alumni.



Seminar

On 19/9/2022, Ninety students attended a seminar on "Recent Advancements in 3D Printing". The resource person, Dr. Gururaj Telasang, Scientist 'E, ARCI, DST, Hyderabad, discussed the importance of 3D printing technology in the manufacture of miniature components.



Other Events

On 04/05/2021, a seminar was organised on the topic - "All about Student Entrepreneurship". A hundred students attended.

On 19.05.2021, a seminar was organised on the topic - "Career / Entrepreneur Opportunities for Mechanical Engineers in the field of Fire Fighting Systems". A hundred students got benefitted.

On 21/05/2021, a seminar was organised on the topic - "Opportunities for Students, Faculty and Early Stage Entrepreneurship". A hundred students attended the seminar.

VISION

To be a reputed centre of excellence in the field of Mechanical Engineering by synergizing innovative technologies & research for the progress of society.

MISSION

M1: To impart quality education by means of state-of-the-art infrastructure.

M2: To involve in training & activities on leadership qualities & social responsibilities.

M3: To inculcate the habit of lifelong learning, practice professional ethics & serve the society.

M4: To establish industry- institute interaction for stakeholder development