



MECH TIMES

Bi-Annual Newsletter

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FROM EDITORS' DESK

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I'm happy to bring out 9th volume, Issue-1 of our news letter series, which portrays the odd semester activities of 2022-23. Staff of Mechanical Engineering department would like to congratulate Dr. Srinivasa K for his contributions. HoD and Staff of Mechanical Engineering department heartly congratulate students of the department for their achievements and participations in different sectors. HoD and Staff of Mechanical Engineering department heartly congratulate Dr. Chethan S for his contribution. I thank the editorial board in bringing out this news letter. I wish all the readers a happy reading.



CONGRATULATIONS



Dr. SRINIVASA K
HoD, Mechanical Engineering
Board of Examiner (Mechanical Engineering), VTU Belagavi.



Dr. Chethan S
Assistant Professor,

- * Judge (Poster Presentation) at International Conference on Advances in Materials, Ceramics and Engineering Sciences -2023, DSCE, Bangalore.
- * Jury member for project exhibition ViVaCiousE2K23 in VVCE, Mysuru.
- * Session Chair in 14th International Conference on Materials Processing and Characterization (ICMPC 2023).



Padmanabha.K, Hannan Ahmed Khan and Chandrakanth J participated in Smart India Hackathon, Chennai on 25/8/2022 to 29/8/2022

AUDAZ

DST Training was provided for students of 6th Semester in the DATA Science and Full Stack JAVA topics for 21 days.

MoU

A memorandum of understanding is an agreement between Mechanical Department and other organizations outlined in a formal document. It is not legally binding but signals the willingness of the parties to move forward with a contract.

- * HINDUSTAN SPRING MFG Co
- * LAKSHMI SPRINGS & PRESSINGS
- * UNIVERSAL AUTOMOBILES & DAIRY PRODUCTS
- * GT&TC, Mysuru

2022-23 ODD Semester Academic Toppers

	III-semester	V-semester	VII-semester
I	Abhishek R L 7.39 SGPA	Madhusudhan R 8.16 SGPA	Prajwal M Y 9.25 SGPA
II	Md. Owais 7.06 SGPA	Adarsha M 7.92 SGPA	Anuraj S 9.15 SGPA

HARDWORK BEATS TALENT WHEN TALENT DOESN'T WORK HARD

Three-Day Workshop on Automation using PLC & SCADA

Department of Mechanical Engineering, ATMECE is organized Three-Day Workshop on “Automation using PLC & SCADA” for the Final year students of Mechanical Engineering from 15th to 17th December 2022 in association with Vidyut Automation, Mysuru. The training program was intended to enrich student’s knowledge in the field of Automation. Workshop also included hands-on session where in students got a chance to work on PLC training Kit. 49 students had registered for the workshop.

The objectives intended for the workshop are as follows.

- * To develop skill in the field of Automation
- * To monitor and control equipment used in process automation.
- * To control and maintain efficiency, distribute data for smarter decisions and communicate system issues to help mitigate downtime.



Future Business opportunities on creating wealth from Bio-waste through Entrepreneurship

Department of Mechanical Engineering in association with Civil Engineering organized a technical talk on “Future Business opportunities on creating wealth from Bio-waste through Entrepreneurship” on 17th January 2023 for 3rd & 5th semester students of Mechanical & Civil Engineering Department with an objective of enriching the knowledge on waste management based on biomass energy and business opportunities in the future career.

ATME
College of Engineering

Department of Mechanical Engineering in Association with Department of Civil Engineering is organizing Expert Talk on **‘Future Business Opportunities on Creating Wealth from Bio - Waste Through Entrepreneurship’**

Date: 17th Jan 2023 | Time: 11:00 AM
Venue: Seminar Hall, Dept. of Mechanical Engineering, ATMECE

Resource Person
Dr. VIRESH KUMARGOUDA
Project Co-ordinator,
University of Agricultural Sciences, GKVK, Bangalore

Chief Patrons
Sri. L. Anun Kumar, Chairman, ATMECE | Sri. K. Shivashankar, Secretary, ATMECE | Sri. R. Veeresh, Treasurer, ATMECE

Patrons
Dr. L. Basavaraj, Principal, ATMECE | Dr. M. S. Govinde Gowda, Dear-Academic | Dr. Srinivasa K, HOD, Dept. of ME

Event Coordinators
Dr. Chethan S, Asst Prof Dept. of ME | Mr. Anil Kumar K, Asst Prof Dept. of ME | Mr. Sivathasa H U, Asst Prof Dept. of CV | Mr. Rudresh A.N, Asst Prof Dept. of CV

Student Coordinators
Karthik M, CV Student Council Member | Darshan P, CV Student Council member

Dr. Viresh Kumar Gouda, resource person of the technical talk gave the statistics of dependency on importing Crude oil and Natural Gas which may be much worse in future years. In his presentation he mentioned the aspects of Biogas and Biogas fertilizer plant potential in India. He mentioned few available Policy Support for Indian Biogas Sector from the Govt. of India.

Sl. NO	Title of the Paper	Authors	Journal Name
1	Fractal Contact Mechanic Behavior of Base Structural Steels in Abrasion	Chethan S Srinivasa K Hemaraju Hemanth B R	Journal of Mines, Metals & Fuels
2	Development of Economical Plant Transplanter	Chethan S Srinivasa K Jayashree M MD Nadeem M Yathisha N	Journal of The Institution of Engineers (India): Series C
3	Design and Fabrication of Fixture for Internal Grinding CNC Machine	Rohith S Ravi Kumar S Md. Nadeem M Chethan S Hemanth B R	Grenze International Journal of Engineering & Technology (GIJET)
4	Performance Analysis of Multi Axis Solar Tracker using Arduino-Uno based Micro-Controller.	Mohanakumara K C Niranjan Kumar V S Devaraj M R Raghu	Grenze International Journal of Engineering & Technology (GIJET)
5	Synthesis and photocatalytic activity of highly efficient NiFe2O4/r-GO based photocatalyst	Chetana S Naveen Chandra Joshi Sanjay Upadhyay Niraj Kumar Ashima Juyal	Journal of Dispersion Science and Technology
6	Hydrothermal growth of 1D VO2 for oxygen evolution reaction	Chetana S Niraj Kumar Sanjay Upadhyay Naveen Chandra Joshi Neeraj Priyadarshi	Materials Letters

Faulty Participation in Faculty Development Programs and Training Programs

Sl. NO	Title of the FDP or Training	Duration
1	Face-to Face UHV-II - RV College of engineering Bangalore	5 Days
2	“Innovation design thinking” - IMPACT college of Engineering Bangalore	5 Days
3	“Universal Human Value-I” - ATAL	5 Days

