

Winners of YANTRIX 2024



Project Name: Farmer friendly multipurpose Agri robot
Students Name: Arjun J R , Nakul P Vijay Shankar N S and Vishal S
Guide Name : Prof. Rohith S

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

2023-24 EVEN Semester Academic Toppers

	IV-semester	VI-semester	VIII-semester
I	Darshan R 8.6 SGPA	Likith A P 8.32 SGPA	Madhusudhan R 9.5 SGPA
II	Akshay H B 8.05 SGPA	Mohammed Uruj 7.95 SGPA	Adarsha M 9.5 SGPA



MECH TIMES

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Dr. Srinivasa K

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Mr. Raghu

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Mr. Hemanth B R



FROM EDITORS' DESK

I'm happy to bring out 10th volume, Issue-2 of our news letter series which portrays the Even semester activities of 2023-24. HoD and Staff of Mechanical Engineering department would like to congratulate all the staff who got patent for their project works. HoD and Staff of Mechanical Engineering department heartly congratulate students of the department for their achievements in different sectors. I thank the editorial board in bringing out this news letter. I wish all the readers a happy reading.

-Dr. Srinivasa K

TECHNICAL TALK



As a part of the Industry-Institute Interaction, department has organised a technical talk on Innovation and Entrepreneurship Opportunities in HVAC Technologies in association with Institute Innovation Council (IIC) and ISTE on 21-06-2024. All the students of IV sem and VI sem of ME department participated in the event. Resource person was Mr. Ashwathnarayan S, Senior Mechanical Engineer, Setty Mech Engineers Pvt. Ltd, Mysore.



Yantrix project exhibition is an event where individuals or groups showcase their project work to an audience. The purpose of a mechanical project exhibition is to share ideas, inspire creativity and promote learning.

Participants are students from ATMECE and outside colleges. This One-day project exhibition YANTRIX was inaugurated on 11th May 2024 in the seminar hall of the Department of Mechanical Engineering, ATMECE, Mysuru. The event is being held on an annual basis and organized by the Dept of Mechanical Engineering. Head of the department Dr Chethan S welcomed guests, faculties and students Prof. Rohith S briefed about the Yantrix and evaluation guidelines.

Later the event was inaugurated by the chief guest Dr. Haseebuddin M R, Professor, Department of Mechanical Engineering, DSCE, B'lore. and guest of honor Dr. M S Govinde Gowda, Dean – Academics, ATMECE, Presidential remarks was by Dr. Basavaraj L, Principal, ATMECE, Prof Hemanth B R compared the event. Prof. Devaraj M R delivered vote of thanks.



Sl. No	Title of the project	Student Names	Sanctioned Amount
1	AFFORDABLE STAIRLIFTS TO AID ELDERLY AND MOBILITY-IMPAIRED INDIVIDUALS	Mr. VISHAL S Mr. MADHUSUDAN R Mr. KARTHIK M Mr. SHAYAN PASHA	INR 5000
2	DEVELOPMENT AND TESTING OF BIODEGRADABLE AGAVE FIBER REINFORCED POLYMER BASED COMPOSITE	MR. HITESH T L MR. SHAYAN PASHA MS. POOJA	INR 5,000
		Total	INR 10,000

Faculty publication in National and International journals

Sl. NO	Title of the Paper	Authors	Journal Name
1	Modelling and Analysis of a Single Slope Solar Still for Desalination of Water	S. Rohith, G. S. Girishkumar, M. R. Kamesh, D. Yogaraj, M. Abhilash, H. Sathish, R.	Journal of Mines, Metals and Fuels
2	Solar Driven Organic Rankine Cycle System and Hydrogen Fuel Production with Waste Heat Recovery	B. R. Hemanth G. S. Girishkumar, M. R. Kamesh, V. R. Srinivasan	Journal of Mines, Metals and Fuels
3	Electrochemical investigation of Fe ₃ O ₄ /TNT/PANI composites for enhanced supercapacitor applications	S. Chetana, Halligudra Guddappa, Vikas N. Thakur, Niraj Kumar, Naveen Chandra Joshi	Journal of Materials Science: Materials in Electronics
4	Machine Learning Based Surface Finish Prediction and Optimization of Process Parameters in Pulsed CO ₂ Laser Cutting of Particle (TiC) Reinforced Al6061 Composite Using KNN & ANN	S. Chethan M. Arunadevi, S. Saravanan, G. Mahesh	Journal of The Institution of Engineers (India): Series D
5	Hydrothermal synthesis of nickel oxide nanoflowers as a blend of 1D and 2D morphologies for its improved OER activity and supercapacitance	S. Chetana, Sanjay Upadhyay, Niraj Kumar, Nikhil Tanwar, Ruby Priya	Journal of Materials Science: Materials in Electronics
6	Characteristics Analysis of Cooking Oil Extracted from Oil Expeller	Mr. Niranjana Kumar V S, Dr. Mohanakumara K C,	International Journal of Multidisciplinary Research In Science, Engineering and Technology



Mr. Abhishek R L

Best Performing ISTE Chapter
Student Award-2024



Mr. Prajwal J

Represented VTU Softball Men