



MECHANICAL ENGINEERING NEWSLETTER

“YANTRAMSHA”

INSTITUTE VISION

To be the most preferred Institution for Engineering & Management Education, Research and Entrepreneurship by creating professionally superior and ethically strong global manpower.



Offer Letter distribution to Final Year Mechanical Engineering Students by Smt. S Y Arunadevi, Trustee, PES Trust, Shivamogga, Dr. Nagaraja R, CCA, PES Trust and Dr. Yuvaraju B N, Principal, PESITM at Prerana Convention Hall, PESITM, Shivamogga on 22.05.2024



Group photo of Participants with Dr. Nagaraja R, CCA, PES Trust, Dr. Yuvaraju B N, Principal, PESITM, Dr. Girisha L, HoD, ME, Dr. Sendhil, Physical Director and Dr. Chandrashekar K L, AC, PES Trust during Inauguration of Chess competition at ME Dept. Seminar Hall on 01.08.2024



Inauguration of Chess competition by Dr. Nagaraja R, CCA, PES Trust and Dr. Yuvaraju B N, Principal, PESITM at ME Dept. Seminar Hall on 01.08.2024

INSTITUTE MISSION

To prepare students for professional accomplishments and responsible global citizenship while fostering continuous learning and to provide state-of-the-art education through the committed and highly skilled faculty by partnering and collaborating with Industry and R&D Institutes.



Winner of Chess tournament Dr. Lokanna Kadakolamath from PESITM



Runner up of Chess tournament Mrs. Ahwini A R from PESIAMS



3 Day Faculty Development Program on "Digital Transformation in Design and Manufacturing" using Autodesk Fusion organized by Department of Mechanical Engineering, PESITM, Shivamogga, in collaboration with Tech-Mantra from 29.07.2024 to 31.07.2024



Group photo during technical talk on "A Gateway to Mechanical Engineering Success" by Mr. Vijay Kumar Revankar, Managing Director, Tech Mantra for 4th Sem Students on 31.07.2024 at ME Seminar Hall

DEPARTMENT VISION

To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship.



Industrial visit to Vrahi Hydroelectric Project, Hosangadi on 05.07.2024 by 6th Sem ME Students



Industrial visit to Keltech Energies Limited, Hebri on 06.07.2024 by 6th Sem ME Students

Topper details of 2023-24 Odd Semester



Shivakumar S M, 7th Sem
Marks: 697/800



Vinay G K, 5th Sem
Marks: 660/800



Rekha J, 3rd Sem
Marks: 782/900

DEPARTMENT MISSION

M1- Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.

M2- To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.

M3- To include social, ethical and entrepreneurial values for the professional accomplishments.



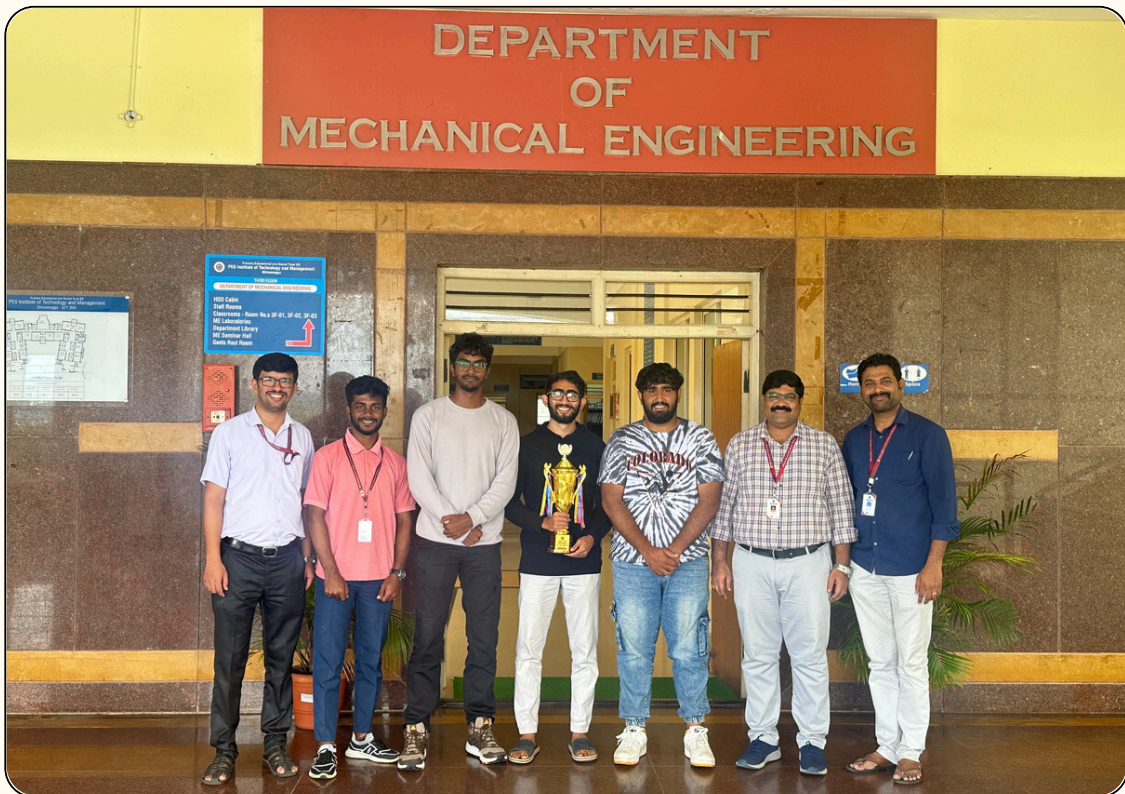
Group photo of Final Year ME Students of batch 2020-24 along with Principal, Hod, ME and Staff members during Graduation Day on 30.05.2024 at Prerana Convention Hall



Group photo of Final Year ME Students of batch 2020-24 along with Principal, Hod, ME and Staff members during Farewell Day on 29.05.2024 at ME Department

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Group photo with the Winners of PES Cup 2024. Mr. Arfan Saif (2nd from left) and Mr. Mohammed Shadaab (5th from left) of ME Department participated and won the PES Cup 2024



Group photo with the Alumni Mr. Santhosh Kumar Singh of 2013-2017 batch during his visit to the Department on 01.08.2024



Group photo with the Alumni Mr. Vijay V G of 2015-2019 batch during his visit to the Department on 07.08.2024



Group photo with the Alumni Mr. Girish S of 2017-2021 batch during his visit to the Department on 31.07.2024



Group photo with the Alumni Mr. Sunpreet Singh of 2018-2022 batch during his visit to the Department on 24.05.2024

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Placement Details for the Academic Year 2023-24

Sl. No	USN	Name of the Student	Companies Placed
1	4PM20ME001	ABHISHEK Y	NEXUS INDIA
2	4PM20ME002	AKASH S	DFM TECHNOLOGY PVT. LTD.
3	4PM20ME005	BALARAJ V	DFM TECHNOLOGY PVT. LTD.
4	4PM20ME006	BERLY MARIA THOMAS	TALENT SERVE, CADMAXX
5	4PM20ME008	BHUVAN M	DFM TECHNOLOGY PVT. LTD., INDO-MIM
6	4PM20ME010	CHANDRU GOWDA	DFM TECHNOLOGY PVT. LTD.
7	4PM20ME011	DARSHAN S	DFM TECHNOLOGY PVT. LTD.
8	4PM20ME012	DIVYA C M	TALENT SERVE
9	4PM20ME014	KARAN MAHALATKAR	ENVENTURE
10	4PM20ME015	KAVANA U N	NEXUS INDIA
11	4PM20ME017	LIKITH M	INDO-MIM
12	4PM20ME021	NITHYASHREE M S	DFM TECHNOLOGY PVT. LTD., CADMAXX, NEXUS INDIA
13	4PM20ME022	POORNIMA JAYAPPA CHANNAYYA	TALENT SERVE
14	4PM20ME024	SAGAR G S	ABM ENERGO ENGINEERS
15	4PM20ME025	SAHANA R PATIL	TATA ELXSI, TALENT SERVE, E-CONSTRUCT
16	4PM20ME026	SHIVAKUMAR S M	TATA ELXSI, TECHNOLOGICS
17	4PM20ME027	SIDDESH G K	DFM TECHNOLOGY PVT. LTD., NEXUS INDIA
18	4PM20ME028	SIDDESH R	ENVENTURE
19	4PM20ME029	STEPHEN F S	TATA ELXSI
20	4PM20ME030	SUJALA S K	TRIVENI TURBINES
21	4PM20ME032	VAISHNAVI H R	KODNEST, TECHNOOK, EFECO SERVICES PVT. LTD.
22	4PM20ME033	VARUN G S	ENVENTURE
23	4PM20ME035	ZOYA SAIF	EFECO SERVICES PVT. LTD.
24	4PM21ME401	CHINMAYA RAGHUNANDAN	NEXUS INDIA, ENVENTURE
25	4PM21ME402	DARSHAN N	NEXUS INDIA
26	4PM21ME404	JEEVAN M	DFM TECHNOLOGY PVT. LTD.
27	4PM21ME405	KARTHIKA N	DFM TECHNOLOGY PVT. LTD., INDO-MIM
28	4PM21ME409	MOHAMMED SAUD	DFM TECHNOLOGY PVT. LTD.
29	4PM21ME410	NITIN M YAJMAN	CADMAXX, INDO-MIM
30	4PM21ME415	RANJAN S	INDO-MIM

Batch 2020-2024



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Faculty Achievements

- 1. Dr. Girisha L** has successfully completed Five days Seminar on “Next Generation Automation: Bridging Electronics and Mechanical Systems in Industry 4.0”, Sponsored by DST-Science and Engineering Research Board (SERB), Govt. of India New-Delhi, 22nd to 26th July 2024, REVA University, Bengaluru, School of Electronics and Communication Engineering and School of Mechanical Engineering.
- 2. Dr. Girisha L** held the position of Technical Program Committee Member of International Conference on Emerging Trends in Mechanical Engineering, “MECH-TECH”, International Conclave on Engineering Science & Technology, held during 23 & 24 April 2024.
- 3. Dr. Girisha L** published a patent on Battery Monitoring Device for Electric Vehicles (Design Patent), Journal No. 21/2024 and Journal Date 24.05.2024
- 4. Dr. Girisha L** published a paper entitled “Recent Reviews on Hybrid Nano Reinforcements for Improving Mechanical Properties of Polymers for sustainable applications”, ICMPC 2024, E3S Web of Conferences 552, 01043 (2024), July 2024.
- 5. Dr. Girisha L** published a paper entitled “Influences of silicon carbide nanoparticles on graphite reinforced sisal (agave sisalana) fiber hybrid composite: behaviour study”, J Mech Sci Technol 38, 2447–2453 (2024), May 2024.
- 6. Dr. Girisha, L** published a book chapter entitled “Hemp Fibre-Reinforced Polylactic Acid Composites: A Sustainable Materials for Engineering and Industry”, in Engineering Materials. Springer, Singapore. ISBN 978-981-97-2075-0, May 2024.
- 7. Dr. Girisha L** published a paper entitled "Application of Medical Robotics in Healthcare Sector", Medical Robotics and AI-Assisted Diagnostics for a High-Tech Healthcare Industry, IGI Global, 2024, pp. 28-40.
- 8. Dr. Manjunath Patel G C** published a paper entitled “Synthesis and characterization of multi-walled carbon nanotube-reinforced Ti–Mg alloy prepared by mechanical alloying and microwave sintering”, in Journal of Materials Research and Technology, Volume 31, July–August 2024, Pages 1236-1249
- 9. Dr. Manjunath Patel G C** published a paper entitled “Influence of foaming agents on mechanical and microstructure characterization of AA6061 metal foams”, in Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024;238(2):520-532. Volume 238 Issue 2, April 2024
- 10. Dr. Manjunath Patel G C** published a paper entitled “Fretting wear behavior on LPBF processed AlSi10Mg alloy for different heat treatment conditions”, in Journal of Materials Research and Technology, Volume 30, April 2024, Pages 4330-4346, ISSN 2238-7854.
- 11. Dr. Manjunath Patel, G.C, Mujibur Rehman and Praveena R** published a paper entitled “Brainstorming and Fishbone diagram Tools for Enhancing the Student Placement in Technical Education System”, International Journal of Research and Innovation in Social Science, 8(3s), pp.1436-1454, June 2024
- 12. Dr. Ashok R Banagar** published a paper entitled “Studies on Mechanical and Tribological Behaviour of Natural and Synthetic Based Hybrid Polymer Matrix Composites” in Journal of Institution of Engineers (India) on 24.07.2024
- 13. Mr. Ajey C P and Dr. Ashok R Banagar** published a paper entitled “Performance Analysis of Double Pipe Heat Exchanger Using Nano Fluids”, in Journal of Mines, Metals and Fuels, 72(3): 211-224; 2024



Art by Ms. Vaishnai H R, Final year student

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Students Achievements/Participations

- 1. Mr. Shivakumar S M**, of batch 2020-2024 received an amount of **Rs. 10000** for achieving the remarkable distinction of being the Topper to the batch at PESITM, Shivamogga from **IIF, Shivamogga Chapter** on 17.08.2024
- 2. Mr. Pavan Kumar A J**, 3rd year Mechanical Engineering Student has been awarded the Merit Scholarship instituted by “Sankalpa” **Dr. D. L. SUBRAHMANYAM MERIT SCHOLARSHIP** for the year 2023-24.
- 3. Ms. Rekha J**, 3rd year Mechanical Engineering Student has successfully completed 12-week NPTEL Course of JAN-APR 2024 term on “**The Joy of Computing using Python**”, with a consolidated score of **52%**.
- 4. Ms. Rekha J**, 3rd year Mechanical Engineering Student has successfully completed 12-week NPTEL Course of JAN-APR 2024 term on “**Basic Construction Materials**”, with a consolidated score of **52%**.
- 5. Mr. Yashas R and Mr. Puneeth K S** of 2nd Year Mechanical Engineering Students won **Second Prize in Paper presentation competition** at YANTRIK 2K24, BIT, Davangere on 12.07.2024
- 6. Ms. Yashas R**, 2nd year Mechanical Engineering Student has successfully completed the course in “**Online workshop on CAE using Simcenter 3D**”, organised by NITK, Surathkal on 30.04.2024

Call for Newsletter Articles

We need articles for future additions of Newsletter

Please consider providing a short item of news, or an in depth article for the next edition of the newsletter. We would like to invite everybody to submit a short story/ article/ announcement that can fit in the following structure:

News items and announcements

- Short, topical, news oriented technical/ non-technical topics.
- Paintings, sketches, comics, poems, dag-writings, short stories etc.
- Major and minor technical articles are also accepted.
- Jokes, Punch dialogues, quotes of your own could be included.
- All of above said matters could be accepted in English or in kannada formats

Feel free to communicate with the student and staff coordinators for more details.

- Editor



EDITORIAL TEAM (L to R)

Mr. Vinay G K (6th Sem)

Ms. Vaishnavi H R (8th Sem)

Dr. Girisha L (Prof. & Head)

Mr . Ajey C P (Asst. Prof.)

Mr. Yashas R (4th Sem)