



The newsletter of Department Mechanical Engineering
MECHPULSE

Academic Year 2022-23 Term II

Principal: Dr.D.S.Bormane

Head of Dept.: Dr. S V Chaitanya

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Mr.N N Gotkhindikar

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Our Inspiration

**Shri Shahu Chhatrapati
Maharaj President,
AISSMS**



From Principal's Desk:



DR. D S Bormane

I'm glad to signify that with conclusion of this year academic year, AISSMS College of Engineering has completed 30 grand years of its establishment. it gives me immense indulgence to promulgate that last year our institute had been accredited with Grade A+ by national Assessment and Accreditation Council (NAAC).AISSMS COE as an outcome of academic excellence achieved, is again and again producing University gold medalists and top rankers in different branches of engineering. Faculty is dynamically involved in research and development.

The teaching program also gives emphasis on practical approach through industry-institute interaction. College organizes various Symposia, Workshops, Conferences and national level students' symposium and exposition 'AISSMS Engineering Today', Cultural Event like Shivanjali and Inter collegiate event named Ashwamedh every year which are a grand success. College has high participants in Sports as well as Cultural Activities.

It gives me enormous feat to present in front of you 'MECHPLUSE' Mechanical Department Newsletter. I want to congratulate Mechanical Department for dynamic activities in pandemic circumstances. I wish all the best to the aspiring students, employers and all other stake-holders in Mechanical Department achieving their goals.

“Science can amuse and fascinate us all, but it is engineering that changes the world.”

FORM EDITORS DESK....

It gives us great pleasure to hand over to you "MECHPLUSE" the newsletter of Mechanical engineering department.

The department runs two undergraduate programs viz. Mechanical Engineering, Mechanical Engineering (Sandwich) and PG program in Design Engineering as specialization. Department also run research Centre leading to Ph.D. Program. The department vision is to be excellence in value based on Mechanical Engineering Education.

Mechanical Engineering Sandwich pattern programme emphasizes on industrial training to students within four years of the study. Students are placed for training in the industry as per the curriculum of Savitribai Phule Pune University. The student learns industrial practices and also professional ethics.

MECHPLUSE is platform to communicate and underline department actions towards students development. Hope you will find this newsletter informative. Your suggestions for improvement in the newsletter are welcome.

Editors

FROM HOD'S DESK...



A hearty welcome to the Department of Mechanical Engineering at AISSMS College of Engineering, Pune. The department has well qualified and dedicated faculty. The department strives to Impart knowledge and training of the highest standard.

The objective of the department is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology. The department has well qualified and dedicated faculty. The department strives to Impart knowledge and training of the highest standard. The objective of the department is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology.

Students showcase their talent in various sports and intercollegiate technical events and bag prizes.

Our graduates are working in Multinational Companies, Defense Services, and Academic Institutions in India and abroad. Last but not least our Technical supporting staff is unique in its own way. Students, as well as visitors, find them very friendly, amicable and highly intelligent!

BE STUDENTS 2022-23



Department Vision

- To be recognized as a premier centre in the field of Mechanical Engineering Education.

Department Mission

- To strive continuously for an advancement of academics and lifelong learning through effective teaching learning process.
- To strengthen industry-institute interface, association with professional societies to develop leadership, team work and industry oriented attributes through internship.
- To develop skill based mechanical engineering professionals for sustainable development through project based learning and active research.

Department Goals

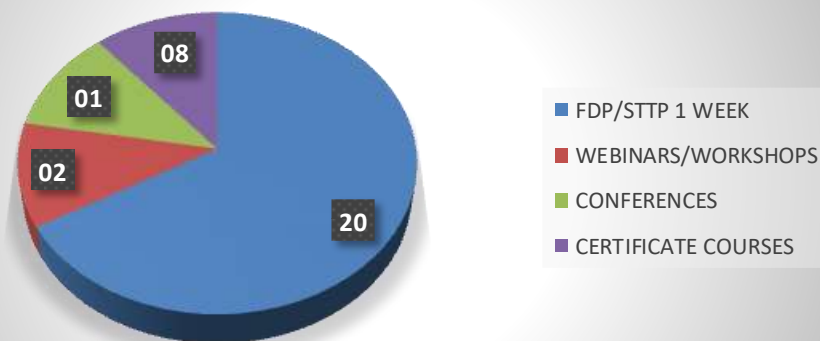
Short Term Goals

- To enhance interaction with industry
- To strengthen association with professional bodies
- To establish a research centre
- To increase number of value added courses
- To modernize laboratories.

Long Term Goals

- To establish centre of excellence.
- To improve the qualification of faculties
- To help students for academic excellence to reach global standards.
- To maximise entrepreneurship development activities.
- To obtain accreditation from reputed bodies

Faculty contribution



STAFF ACHIEVEMENTS

Sr. No.	Faculty Name	Awards and Recognition
1.	Dr B D Bachchhav	Member- Board of Studies, "Mechanical and Materials Technology" Department of Technology, Savitribai Phule Pune University, Pune
2.	Dr A V Waghmare	Joint Secretary, Fluid Power Society of India, Pune Chapter.
3.	N N Gotkhindikar	NPTEL Discipline star in Mechanical engineering

STAFF PUBLICATIONSS

Sr. No.	Faculty Name	Research article/ Book	Year
1.	Dr M R Phate	Response Surface Modelling and Effective Application of Adaptive NeuroFuzzy Inference System to Analyze Surface Roughness of Al/Gr/Cp5 MMC , Taylor and Francis , Australian Journal of Mechanical Engineering, 1448- 4846	2023
2.	N N Gotkhindikar	Optimized deep neural network strategy for best parametric selection in fused deposition modelling , International Journal on Interactive Design and Manufacturing (IJIDeM), 195525 13	2023
3	Dr M R Phate	Book published on Design of Conveyor cum Actuator System through Cloud, Lambert Academic Publishing Germany, 978- 620-6- 15872-1	2023

Activities

Institution of
**MECHANICAL
ENGINEERS**



Expert talk on “Opportunities at PSU’s for Mechanical engineers” Conducted under IMechE student chapter



"MaTPO APTITUDE IDOL-2023", an online aptitude competition organized by Maharashtra Association of Training & Placement Officers .



Expert talk by Mr. Parag Bhayani, on “ Winning interviews” session interaction with participants and felicitation.



Alumni meet conducted on 25.02.2023 at Department and Central level

Awards & Recognition




BAJA SAEINDIA 2023 – All India Rank 5



Resonance racing Go-kart 2023 – All India Rank 3

University Rankers

Sr. No.	Exam Year & Month	Year & Branch	Name of The Student	Rank
1	MAY-2023	BE MECHANICAL	RANE MOHIT UMESH 	1 ST
2	MAY-2023	BE MECHANICAL	LOT TEJAS HARISH	8 TH

“We are continually faced by great opportunities brilliantly disguised as insoluble problems.”