



# AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes

## From Principal's Desk

With immense pleasure, I would like to signify that the AISSMS College of Engineering completed 32 grand years of its establishment with the commencement of the year 202 institute has been awarded as the "Best Professional College" award in the Urban Category 2023-24 our institute has been accredited with Grade A+ by the National Asses Accreditation Council, also we have been appointed as a Mentor and Guide for the NAAC A Process of Other Institutes. Our institute has received also accreditation from the Nation Accreditation (NBA), New Delhi for 7 Under Graduate (UG) programs in this year.

Our institution, AISSMS College of Engineering has been consistently bringing forward gold medalists and top rankers in different branches of engineering which signifies our academic excellence. The college has a number of high-end facilities like infrastructure teaching faculty, student and staff support systems and excellent teaching and learning e for the all-round development of our students.

Our college has very high participation in sports as well as various cultural activities organizes various symposia, workshops, conferences and national-level student symposis exposition 'AISSMS Engineering Today', a cultural event like 'Shivanjali and an intercollege named 'Ashwamedh' every year. Students are also involved in various social activitie National Service Scheme. We also have various clubs such as M-Baja, E-Baja, Supra, Garu student chapters such as ISTE, IETE, IEEE. Our students are actively working under the Automotive Engineers (SAE) for different technical teams of vehicle building and aero-m have won many prizes at National and International levels.



**Shri Shahu Chhatrapati Maharaj**  
President, AISSM Society



**Dr D S Bormane**  
Principal, AISSM COE



**FE Toppers**  
**SEM I AY 24-25**  
**AWANTI NAWALE**  
**VEDIKA BHADANE**  
**SHUBHANG DOKE**



## Editorial Board Editors:

**Dr D V Nighot**

**Ms. B S Bobdey**

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**Dr D V Nighot**  
**FE HOD**  
**AISSM COE**

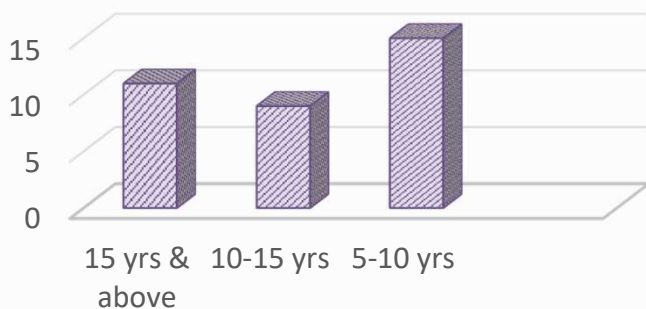
### *From HOD's Desk*

First Year Engineering plays a pivotal role in ushering the students to be a prospective engineer. The department nurtures and molds the students to enter in the rapid fast changing pragmatic world yet maintaining the sensitivity in them. The teaching-

learning methodology used by staff boosts the students thinking potential and lifts their critical analyzing skills. As most of the students come from the diversified social environment it becomes a need for the department that they are mentored by the staff with whom they can share their thoughts, expectations, express themselves and would feel comfortable away from home. We as the department is the family of 36 faculty and 6 supporting staff for 10 divisions each with 66 students. The department has a well qualified and experienced staff that is always on their toes. The faculties have excellent academic records and are highly regarded amongst students. The various subjects offered to students in First Year, though common to all branches, essentially lays a strong foundation to emerge as a potential engineer. Hence, our self-motivated staff wholly dedicated to the first year department, do their best and try to make the subjects simple and interesting.

## FACULTY EXPERIENCE

■ Nos of faculty



**Associate Professors – 04**

**Assistant Professors – 32**

**Supporting Staff – 06**

## *Topper* *FE SEM I AY 24-25*

Sr. No	DIVISION	NAME OF STUDENT	SGPA
1	III	NAWALE AWANTI NITIN	9.64
2	IX	BHADANE VEDIKA JAGADISH	9.59
3	II	DOKE SHUBHANGI DADABHAU	9.5
4	II	GIRME SHREYA NAMDEV	9.5
5	II	KAKADE VEDIKA SAGAR	9.5
6	XI	NIKITA YASHWANT INGLE	9.5
7	XIV	JADHAV ARPITA ARUN	9.5
8	I	SINALKAR PRATIK GORAKSHA	9.45
9	I	WANI SHREYAS MAHESH	9.45
10	II	NIHAR SHAILENDRA KAMBLE	9.45

### *Form Editors Desk....*

It gives us great pleasure to hand over to you “Chronical” the newsletter of First Year engineering department. The Department of First Year Engineering has a total intake of 660 students. The present era and the challenging future, demands strong basic technical knowledge and continuous growth of engineering students on all facets. Therefore the department is bestowed with highly qualified and experienced faculty members with specialization in various disciplines of engineering and sciences. Also the behavioral changes found in the today’s youngsters give rise to the need of continuous assistance and counseling for their professional and personal growth. First year department considers all the needs and requirements of the current generation and gives its best for their overall development. Hope you will find this newsletter informative.

## FDP/STTP/Workshop/Conference/webinar Attended in SEM I AY 23-24 (1<sup>st</sup> June 23- 31<sup>st</sup> Dec 23 )

Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/Webinar	Organized by	Duration/ Dates
1	Mr.Gade S.T	FDP on “Recent Advancement in Material, Micro- Manufacturing and Characterization (RAMMC-23)” from 19th to 26th September 2024	DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY, PIMPRI, PUNE-18	19/09/2024-26/09/2024
2	Mr.Gade S.T	STTP on “Incorporating Universal Human Values in Technical Education”	K J College of Engineering and Management Research	7/10/2024-11/10/2024
3	Mr.Gade S.T	FDP on “ADVANCED ARTIFICIAL INTELLIGENCE(AI) TECHNIQUES & MATLAB INTEGRATION”	sanjivani College of Engineering,Kopargaon	21/10/2024-26/10/2024
4	Mrs. S.G.Wani	“One Day International Multidisciplinary Conference on Various Approaches and Current Issues in Education”	College of Education, Jalgaon	1/10/2024
5	Mrs. S.G.Wani	“Two Days International Conference on Multidisciplinary Research in Rural, Agriculture and Industry Development”	Vikramaditya college, Jabalpur	17/11/2024-18/11/2024
6	Dr. A. B. Patil	ISTE approved Self-Financing Faculty Development Program on Applied Mathematics in Science and Engineering	K. J. College of Engineering and Management Research, Kondhwa, Pune, (Maharashtra).	22/07/2024 - 26/07/2024
7	Dr. A. B. Patil	One Day Workshop on “Engineering Mathematics I” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure	International Institute of Information Technology (I <sup>2</sup> IT), Pune in association with the BOS in Engineering Sciences FoST, SPPU, Pune	10/08/2024 - 10/08/2024
8	Dr. A. B. Patil	International multidisciplinary conference on “Innovation & Global Perspectives on Humanities, Commerce & Management and Science & Technology”	IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi	29-30 Nov 2024
9	V Y Sonawane	Blog written for Quality Bharat Pledge Cam and Blog Writing Competition Quality Bharat for A Sustainable Future on Engineering Today	AISSMS COE, Pune , The Institution of Engineers (India) (IEI), Indian Society for Technical Education (ISTE),i, Institution of Electronics Telecommunication Engineering (IETE),	<b>25th Sept 2024</b>
10	V Y Sonawane	Attended syllabus revision one-day Workshop SCOE for subject Manufacturing Practice and workshop	PVGCOET Pune	20 Aug 2024

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11	V Y Sonawane	Attended syllabus revision one-day Workshop SCOE for subject Engineering Graphics	SCOE Pune	4sept 2024
12	V Y Sonawane	Industrial Visit coordinated for all 7 Division at Shri Sant Tukaram Sugar Factory, Kasarsai.	AISSMS COE, Pune First Year engineering Department	4 <sup>th</sup> -10th December 2024
13	V Y Sonawane	One Week FDP on Digital Transformation in Design and Manufacturing using Autodesk Fusion	Sinhgad College of Engineering, Vadagoan, Pune	26th to 30th August, 2024
14	V Y Sonawane	NPTEL online certification (12-week course) completed for subject Basics of Mechanical Engineering	NPTEL online	Jul-Oct 2024
15	V Y Sonawane	Attained one-day Design and Engineering Excellence with Realistic MODSIM (Unified SIMulation) event.	Dassault Systèmes India Private Limited	6 August 2024
16	V Y Sonawane	Developed and Exhibited Isometric Model, Development of Lateral surfaces for first year engineering students for Engineering Graphics subject	AISSMS COE, Pune First Year engineering Department	Oct _Nov 2024
17	S H Lavate	ISTE Approved Short Term Training Program on “Incorporating Universal Human Values in Technical Education”	Department of Electronics and Telecommunication Engineering, KJCOEMR, Pune-48	1 week (7th to 11th Oct 2024)
18	S H Lavate	FDP on “VLSI Design: IC to Silicon”	Department of E & TC, Sandip Institute of Engineering and Management Nashik	1 week (22/07/2024 to 26/07/2024)
19	U. H. Wanaskar	AICTE-ATAL FDP on “AI and Digital Technologies for sustainable healthcare and medical technologies”	Institute of Technology,Nirma University	1 week (25/112024 to 30/11/24)
20	U. H. Wanaskar	AICTE-ATAL FDP on “NEXT GEN SOLUTIONS FOR MEDICAL CHALLENGES POWERED BY AI BASED INTELLIGENT SYSTEMS”	Malla Reddy college of engg & Tech.	1 week (16/12/2024 to 21/12/24)

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21	U. H. Wanaskar	FDP on “Revolutionary AI:Blending generative power with learning machines	VIIT, Pune, IEEE Region	1 week (16/12/2024 to 20/12/2024.)
22	B S Bobdey	NITTTR STTP Multidisciplinary education and Research	NITTTR Bhopal at NITTTR extension Center Pune	1 week (10/6/24 to 14/6/24 )
23	B S Bobdey	Sustainable Power Generation System	NPTEL	12 Weeks
24	R M Deshmukh	NEP 2020 syllabus implementation workshop on Engineering Physics (2024 Pattern)	Marathwada Mitra Mandal’s Institute of Technology, Lohgaon, Pune.	August 12, 2024
25	M.G.Ghodekar	FDP on “Empowering Educators: Advanced Design Thinking & Innovation”	AISSMSCOE,Pune	2/12/2024 to 14/12/2024
26	M.G.Ghodekar	FDP on”Deep Dive into Data Science & Machine Learning”	NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY	26/2/2024 to 1/3/2024
27	M.G.Ghodekar	FDP on “Machine Learning and Artificial Intelligence”	Pimpri Chinchwad College of Engineering and Research, Ravet, Pune	12/8/2024 to 19/8/2024
28	M.G.Ghodekar	FDP on “Problem Solving Through Programming in C”	NPTEL AICTE	12 weeks
29	M.G.Ghodekar	Faculty Orientation Program on “Fundamentals of Programming Languages”	Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune,ajeenkya d y patil school of engineering	07/08/2024
30	M.G.Ghodekar	Conference on : Improve the effectiveness and efficiency of technical debt management automation	AISSMSCOE	13/8/2024
31	K G Choudhari	Sustainable Power Generation System	NPTEL	12 Weeks
32	K G Choudhari	Semiconductor Fabrication Technology	D Y Patil International University,Akurdi, Pune	09/12/2024 to 14/12/2024



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Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/ Webinar	Organized by	Duration/ Dates
33	K G Choudhari	Faculty Orientation Workshop on Basic Electrical Engineering	Board of Studies (Electrical Engineering), Savitribai Phule Pune University,AISSMS College of Engineering )	12/8/2024
34	S A Kothari	Faculty orientation workshop on Engineering Mechanics in context of NEP-2020.	Board of Studies (Civil Engineering), Savitribai Phule Pune University,AISSMS College of Engineering )	23/8/2024
35	S A Kothari	NITTTR STTP Use of ICT to build capacity of technical teachers	NITTTR Bhopal at NITTTR extension Center Pune	1 week 24/6/24 to 28/6/24
36	S A Kothari	Module 1 NITTR	NITTTR	12 WEEKS
37	Almas Ambreen	FDP on “Semiconductor Fabrication Technology”	D. Y. Patil International University, Akurdi, Pune	1 week (09/12/2024 to 14/12/2024)
38	Almas Ambreen	FDP on “Academic and Industry Research Opportunities, Research Grants and Publications”	Marathwada Mitra Mandal’s Institute of Technology (MMIT), Pune	1 week (16th to 21st December 2024).
39	Almas Ambreen	Module 2 NITTT	NITTT	12 WEEKS
40	Dr V S Kalyani	Module 2 NITTT	NITTT	12 WEEKS
41	Dr V S Kalyani	WAREHOUSE MANAGEMENT	NITTTR Bhopal	1 week 6 to 10 Jan 25
42	Dr V S Kalyani	Question paper design for outcome based curriculum	NITTTR extension center, Pune	1 week(offline) 22-26 July 2024
43	Dr V S kalyani	“Academic and Industry Research Opportunities,	MMIT Pune	1 week 16th to 21 <sup>st</sup> December 2024.
44	Dr V S Kalyan	Research Grants and Publications” Recent trends in computing 4.0	Vishwakarma Institute of technology, Pune	1 week 8-13 July 2024

## Visit to Suryakiran Air Display

On November 30, 2024, first-year engineering students from AISSMS College of Engineering, Pune, had the privilege of attending the Suryakiran Aerobatic Team's air display at Lohegaon Air Force Station. The event was part of the Indian Air Force's outreach program aimed at fostering awareness about its capabilities and inspiring youth to consider a career in the IAF.





## FE Industrial Visit



A industrial visit was organised by AISSMS College of Engineering, Pune, for First Year Engineering Students to Shri Sant Tukaram Sugar Factory Kasarsai – Darumbre Post Kasarsai Tal- Mulshi Dist Pune, in order to get the practical knowledge about the manufacturing technology was scheduled on 4<sup>th</sup> December 2024. From this visit students and faculties understands how electricity can be generated through steam power plant as well as working principles of furnish type boilers. Students and faculties also observed cooling of processed water by cooling power, production process of sugar and also discussed the future development plans of the industry.



## Inaugural ceremony of FE Induction

AISSMS College of Engineering conducted a two-week Induction Program for newly admitted First-Year Engineering students from September 10th to September 20th, 2024, following the AICTE guidelines. The Centralized Induction Program, held on September 10th, 2024, at the AISSM Society Office Open Air Theatre, welcomed first-year engineering students into the esteemed AISSMS Family. The event was graced by the presence of Chief Guest Mr. Vivek Sawant, Chief Mentor at MKCL; Dr. D. S. Bormane, Principal of AISSMS COE; Dr. D. V. Nighot, Head of the FE Department; Heads of all departments; Dr. N. N. Shejwal, NSS In-charge; Dr. Manisha Kondhare, Sports Director at AISSMSCOE; parents; and students. The large audience comprised various stakeholders, including children, parents, teachers, and staff.



# Induction Program



The two-week Induction Program for First-Year Engineering Students at AISSMS College of Engineering took place from September 10<sup>th</sup> to September 20<sup>th</sup>, 2024. This program was organized following AICTE's directives, with the primary goal of providing students with a smooth transition into their new environment and fostering their overall development. The activities conducted during the sessions of this induction program are listed below.

- Yoga and sports
- Human Value
- Motivational Talk
- Health care
- Soft skill
- Industrial Scenario
- CPR and First Aid
- Engineering Awesome
- Social Media Handling
- Computer Competencies
- Entrepreneurship Awareness
- CITP
- Role of Engg in Rural Development
- Campus visit Respective GFMs
- Social Visit
- Library University Visit Respective GFMs
- Fire Safety & Demonstration



## Co Curricular Activity

A **co-curricular course** is an educational program or activity that complements the main academic curriculum by enhancing students' skills, knowledge, and personal development. These courses are designed to go beyond regular classroom learning and help students develop practical, social, leadership, and teamwork skills. They play a significant role in holistic education, making students more well-rounded and prepared for real-world challenges.

