



# AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

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



## CRONICAL

### From Principal's Desk:

I am pleased to announce that as we enter 2024, AISSMS College of Engineering celebrates more than 30 remarkable years since its establishment. Over these years, AISSMS COE has consistently demonstrated academic excellence, producing University gold medalists and top-ranking students across various engineering disciplines. Our faculty members are deeply engaged in research and development, and the college boasts an array of advanced analytical, computational, and experimental facilities readily available to our students.

Our teaching program emphasizes a practical approach, reinforced through strong industry-institute collaboration. The college regularly hosts a variety of events, including symposia, workshops, conferences, and the national-level students' symposium and exposition, 'AISSMS Engineering Today.' We also celebrate cultural events like Shivanjali and organize the intercollegiate event Ashwamedh, all of which have been met with great success. Additionally, our students are highly active in sports, cultural activities, and technical teams under the Society of Automotive Engineers (SAE). They also contribute to social causes through the National Service Scheme, which organizes an annual blood donation camp. Furthermore, our college magazine committee, SHIVDARPAN, continues to showcase the finest and most creative ideas of our students.

I am confident that AISSMS College of Engineering is well-equipped to provide students with the best theoretical and practical training, preparing them to be the top talent in the industry. I extend my best wishes to aspiring students, parents, employers, and all other stakeholders in achieving their goals.



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



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

**FE Toppers SEM II AY 24-25**

**SHUBHANGI DADABHAU DOKE**



**AWANTI NITIN NAWALE**



**NUPUR HARSHAD WALAWALKAR**

### Editorial Board

#### Editors:

**Dr D V Nighot**

**Ms. B S Bobdey**

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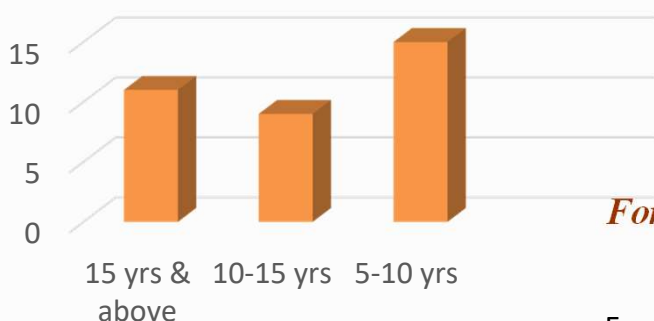
**Dr D V Nighot**  
**FE HOD**  
**AISSMS COE**

## 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 880 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 II AY 24-25

Sr. No	DIVISION	NAME OF STUDENT	SGPA
1	II	DOKE SHUBHANGI DADABHAU	9.64
2	III	NAWALE AWANTI NITIN	9.62
3	XIV	WALAWALKAR NUPUR HARSHAD	9.61
4	XI	NIKITA YASHWANT INGLE	9.59
5	VI	NAIK HARSH AVINASH	9.55
	VII	TARADE SANIKA AJIT	9.55
	X	KULKARNI RUCHA PRASAD	9.55
6	IX	BHADANE VEDIKA JAGADISH	9.52
7	I	WANI SHREYAS MAHESH	9.5
	II	KAKADE VEDIKA SAGAR	9.5
8	I	SHAH TANISHKA VISHAL	9.48
9	III	NIGAM TANUJ	9.46
10	II	GIRME SHREYA NAMDEV	9.43

## Form Editors Desk....

We are pleased to present "Chronicle," the newsletter of the First Year Engineering Department, which has an intake of 880 students. In today's competitive era, strong technical foundations and overall development are essential. Our department is supported by experienced faculty from various engineering and science disciplines. We also emphasize continuous guidance and counseling to support students' academic and personal growth. We hope you find this newsletter informative and engaging.

## Cronical

### ***FDP/STTP/Workshop/Conference/webinar Attended in SEM II AY 24-25 (1<sup>st</sup> Jan 25-31<sup>st</sup> May 25)***

Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/Webinar	Organized by	Duration/ Dates
1	Dr. D. V. Nighot	5th National Conference on Innovation in Engineering and Technology	Organized by ISTE and AISSMS COE Pune	Two Days 11/01/2025
		State-level conference on Recent Advances in Chemical, Biological, and Environmental Sciences	Organized by H J Thim College, Meharoon Jalgaon	One Day 28/02/2025
2	Dr M K Nikam	Faculty Development Programme (FDP) on “Advances in Engineering and Technology	Organized by the Department of Mechanical Engineering, VACOE, Ahilyanagar	One Week 10/02/2025 to 14/02/2025
3	Dr V S Kalyani	Successfully completed NITTTR Module3: Communication skill, modes and knowledge	AICTE	2 months
		Successfully completed NITTTR Module 4:Instructional Planning and Delivery	AICTE	2 months
		Successfully completed NITTTR Module 5:Technology Enabled Learning & Life Long Self Learning	AICTE	2 months
		WAREHOUSE MANAGEMENT	1 week	NITTTR Bhopal
		Successfully completed NITTTR Module3: Communication skill, modes and knowledge	AICTE	2 months
4	Dr S H Lavate	ISTE Approved Three-Week Short Term Training  Program (STTP) on "Emerging Trends in Science, Engineering and Research: A Multidisciplinary Approach"	SINHGAD COLLEGE OF ENGINEERING  VADGAON (BK), PUNE – 411041	07/04/2025 to 25/04/2025

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Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/Webi nar	Organized by	Duration/ Dates
5	Dr S H Lavate	One week Faculty Development Program on“Emerging Trends in 5G, IoT and Communication Systems using AI”	Dr. Vithalrao Vikhe Patil College of Engineering, Ahilya Nagar, Maharashtra	03/03/2025 to 08/03/2025
6	Dr. P. D. Baviskar	5th National Conference on Innovation in Engineering and Technology	Organized by ISTE and AISSMS COE Pune	Two Days 11/01/2025
		State-level conference on Recent Advances in Chemical, Biological, and Environmental Sciences	Organized by H J Thim College, Meharoon Jalgaon	One Day 28/02/2025
		Faculty Development Programme (FDP) on “Advances in Engineering and Technology	Organized by the Department of Mechanical Engineering, VACOE, Ahilyanagar	One Week 10/02/2025 to 14/02/2025
		Webinar on An editor’s guide to writing a review article	Researcher Academy Elsevier	19/02/2025
7	Dr. M. Gauratra	NPTEL on Enhancing Soft Skills and Personality	Indian Institute of Technology Kanpur	8 weeks
		State Level Conference on RECENT ADVANCES IN CHEMICAL , BIOLOGICAL & ENVIRONMENTAL SCIENCES	H.J. Thim College of Arts & Science, Mehrun, Jalgaon (M.S) and Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	One Day
8	Dr. Sujata Modhave	Successfully completed NITTTR Module 1:Orientation Towards Technical Education and Curriculum Aspects	AICTE	3 months
		Successfully completed NITTTR Module 8:Institutional Management & Administrative Procedures	AICTE	3 months
		Successfully completed NITTTR Module3: Communication skill, modes and knowledge	AICTE	3 months
		FDP on “Empowering Research with Machine Learning”	NMIT	17march-21march 2025

## Cronical

### FDP/STTP/Workshop/Conference/webinar Attended in SEM II AY 24-25 (1<sup>st</sup> Jan 25-31<sup>st</sup> May 25)

Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/ Webinar	Organized by	Duration/ Dates
9	Dr. Sujata Modhave	One day Multidisciplinary International e-Conference on Humity, Technology and the Environment	Arts and Commerce College, Bhisi, Gondwana University	24th May 2025
		Workshop for Mastering academic writing: from Research paper to Ph.D. Thesis	DRBCC and ACT academic	19-03-2025
10	Merilyn D'Cruz	International Conference on Sustainable Energy and Environment	BITS Pilani	8th-10th March 2025
		Successfully completed NITTTR Module 6: Student Assessment and Evaluation	AICTE	2 months
		Successfully completed NITTTR Module 8: Institutional Management and Administrative Procedures	AICTE	2 months
		One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering	D Y Patil Institute of Technology	24th-28th March 2025
11	Sonal A Kothari	International Conference on Sustainable Energy and Environment	BITS Pilani	8th-10th March 2025
		One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering	D Y Patil Institute of Technology	24th-28th March 2025
		One week online STTP on "WAREHOUSE MANAGEMENT"	NITTTR Extension centre Pune	6/1/2025 to 10/1/2025
12	S S Khasbage	Faculty Development Programme (FDP) on Industrial Hydraulics and Automation	NPTEL	3 Months (Jan-Apr 2025)
		Successfully completed NITTTR Module 2: Professional Ethics & Sustainable Development	AICTE	2 months
		Successfully completed NITTTR Module 3: Communication Skills, Modes and Knowledge Dissemination	AICTE	2 months
		Successfully completed NITTTR Module 4: Instructional Planning and Delivery	AICTE	2 months

***FDP/STTP/Workshop/Conference/webinar Attended in  
SEM II AY 24-25 (1<sup>st</sup> Jan 25-31<sup>st</sup> May 25 )***

Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/ Webinar	Organized by	Duration/ Dates
13	S S Khasbage	Successfully completed NITTTR Module 7:Creative Problem Solving , Innovation and Meaningful R & D	AICTE	2 months
		one week Faculty Development Programme (FDP) on “Advances in Engineering and Technology”	Department of Mechanical Engineering, VACOE, Ahilyanagar.	One Week 10th February to 14th Feb- ruary 2025.
14	S.B.PATIL	Successfully completed NITTTR Module 5:Technology Enabled Learning & Life Long Self Learning	AICTE	2 months
		Successfully completed NITTTR Module 6: Student Assessment and Evaluation	AICTE	2 months
		Successfully completed NITTTR Module 7:Creative Problem Solving , Innovation and Meaningful R & D	AICTE	2 months
		Successfully completed NITTTR Module 8:Institutional Management & Administrative Procedures	AICTE	2 months
15	M.G.Ghodekar	FDP on “Empowering Research with Machine Learning”	NMIT	17march-21march 2025
		Successfully completed NITTTR Module 1:Orientation Towards Technical Education and Curriculum Aspects	AICTE	2 months
		Successfully completed NITTTR Module 8:Institutional Management & Administrative Procedures	AICTE	2 months
16	Ujwala Wanaskar	FDP on “Electric Vehicle Technologies	PCCOER	17-22/03/25
17	O.K.Deshmukh	National level FDP on “AI Tools”	Organized by SAE Kondhwa	One Week 17/02/2025 to 21/02/2025
18	P. S.Gore	Faculty Development Programme (FDP) on “Advances in Engineering and Technology	Organized by the Department of Mechanical Engineering, VACOE, Ahilyanagar	One Week 10/02/2025 to 14/02/2025



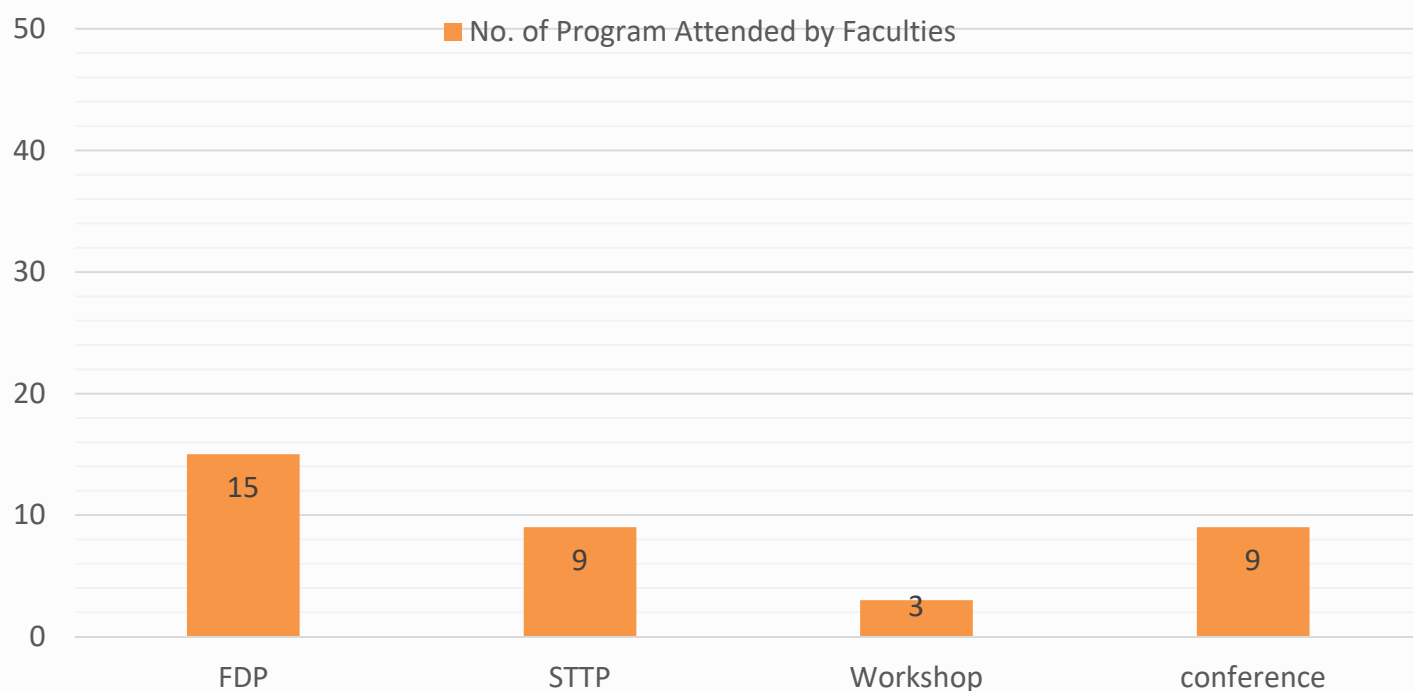
***FDP/STTP/Workshop/Conference/webinar Attended in  
SEM II AY 24-25 (1<sup>st</sup> Jan 25-31<sup>st</sup> May 25)***

Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/ Webinar	Organized by	Duration/ Dates
19	R.M.Deshmukh	International Conference on “Advances in Nanomaterial and Nanotechnology”	Organized by Dept. of Physics Rajdhani College, University of Delhi, New Delhi.	05/03/2025 to 06/03/2025
		FDP on “ Innovative Teaching Learning Practices for Engineering Education”.	Organized by SND College of Engineering & Research center, Babhulgaon, Yeola	One Week 20/02/2025 to 24/02/2025
		FDP on “Advances in Engineering and Technology”	Organized by Viswabharati Academy’s College of Engineering, Ahilyanagar.	One Week 10/02/2025 to 14/02/2025
		National Workshop on “Research Methodology: A Pragmatic Review of the Diverse methods Principles of Writing High-end Research Proposals for Procuring Research Grants”	Organized by Bhiwapur Mahavidyalaya.	18/03/2025
20	S. G. Wani	Successfully completed NITTTR Module3: Communication skill, modes and knowledge	AICTE	2 months
		Successfully completed NITTTR Module 4:Instructional Planning and Delivery	AICTE	2 months
		Successfully completed NITTTR Module 5:Technology Enabled Learning & Life Long Self Learning	AICTE	2 months
		Faculty Development Programme (FDP) on “Advances in Engineering and Technology	Organized by the Department of Mechanical Engineering, VACOE, Ahilyanagar	One Week 10/02/2025 to 14/02/2025
		State-level conference on Recent Advances in Chemical, Biological, and Environmental Sciences	Organized by H J Thim College, Meharoon Jalgaon	One Day 28/02/2025
21	K G Choudhari	Faculty Development Programme (FDP) on “Advances in Engineering and Technology	Organized by the Department of Mechanical Engineering, VACOE, Ahilyanagar	One Week 10/02/2025 to 14/02/2025
22	Almas Ambreen	Successfully completed NITTTR Module 4:Instructional Planning and Delivery	AICTE	2 months

***FDP/STTP/Workshop/Conference/webinar Attended in  
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Sr No.	Name of Faculty	Title of the FDP/STTP/Workshop/Conference/ Webinar	Organized by	Duration/ Dates
23	Almas Ambreen	Successfully completed NITTTR Module 5:Technology Enabled Learning & Life Long Self Learning	AICTE	2 months
		Successfully completed NITTTR Module 6: Student Assessment and Evaluation	AICTE	2 months
		Successfully completed NITTTR Module 7:Creative Problem Solving , Innovation and Meaningful R & D	AICTE	2 months
		Successfully completed NITTTR Module 8:Institutional Management & Administrative Procedures	AICTE	2 months

### No. of Program Attended by Faculties





***Paper Published/ Paper Presented in  
SEM II AY 24-25(1<sup>st</sup> Jan 25-31<sup>st</sup> May 25 )***

Sr. No	Authors	Document Details	Year	Source Details	ISBN/ ISSN	Publisher
1	Dr A B Patil	Utilizing The Max-Flow Min-Cut Theorem: Ford-Fulkerson Algorithm for Traffic Congestion Management	2025	Panamerican Mathematical Journal Vol 35 No. 2s (2025)	ISSN: 1064-9735	<a href="https://internationalpubls.com">https://internationalpubls.com</a>
2	Dr A B Patil	Coefficient Estimates on a New Subclasses of Bi-Univalent Functions defined Using Opoola Differential Operator and Associated with Quasi-Subordination	2025	International Journal for Multidisciplinary Research (IJFMR) Volume 7, Issue 1, January-February 2025	E-ISSN: 2582-2160	<a href="http://www.ijfmr.com">www.ijfmr.com</a>
3	Sonal A Kothari	Remote sensing insights into ground water storage dynamics and recharge patterns in Rajasthan, INDIA	May 2025	INTERNATIONAL JOURNAL OF ORIGINAL RECENT ADVANCED RESEARCH Volume 2, Issue 3, May 2025	ISSN (O): 3048-5479	<a href="http://www.ijorarjournal.com">www.ijorarjournal.com</a>
4	Shital G. Wani	Organic Production and Characterization of paper from Banana Pseudostem Fiber for Ecofriendly and Concrete Benefits”	March 2025	International Journal of Science and Research (IJSR)	2319-7064	<a href="http://www.ijsr.net">www.ijsr.net</a>
5	Shital G. Wani	Comparative Analysis of Adsorption of Acetic Acid by Banana Pseudostem and Wood Charcoal” International Journal of Science and Research (IJSR)	May 2025	International Journal of Science and Research (IJSR)	2319-7064	<a href="http://www.ijsr.net">www.ijsr.net</a>

## *Parents Teacher Meeting*

Meeting was held on March 28, 2025 at 2.00 pm in presence of Principal, Parents, FE HOD and FE Faculties. Meeting discussion was related to academics, Extracurricular activities, attendance and Exam result. Parents were supportive and their involment had a positive impact on meeting.





## *Industrial Visit*

The industrial visit proved to be a highly enriching experience, effectively bridging the gap between theoretical concepts and practical applications. Students had the opportunity to explore real-world operations, observe advanced machinery in action, and engage with industry professionals who offered valuable insights into current practices. This exposure not only enhanced their technical understanding but also encouraged innovative thinking and better preparedness for future professional challenges.

It was Planned in alignment with the Workshop Practical curriculum, the visit spanned one week and included all student divisions. It covered diverse locations such as ITI Boribhadak, Sugar Factory, Pimpri-Chinchwad Science Park, and Katraj Dairy in Pune. The entire program was thoughtfully coordinated by Prof. V. Y. Sonavane, ensuring a seamless and impactful learning experience.



FE Students of Division VII and VIII at ITI Boribhadak



*Industrial Visit*



FE Students of Division XI at Katraj Dairy



FE Students of Division IX and X at Pimpri Chinchwad Science Park



*Industrial Visit*



FE Students of Division XI at Katraj Dairy



FE Students of Division IX and X at Pimpri Chinchwad Science Park

***Guest Lecture***

An insightful guest lecture on career guidance in Cybersecurity by Mr Sanjay Bhargava was held on 18<sup>th</sup> March 2025. This session aimed to bridge the gap between academic learning and industry expectations by providing students with a clear understanding of career opportunities, industry trends, and essential skills required to excel in cybersecurity. The session was co-ordinated by Mrs Bhakti Patil and Mrs Ankita Gupta from FE department.

