



AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय



CRONICAL

Principal: Dr.D.S.Bormane

Head of Department.:Dr D V Nighot

From Principal's Desk:



I'm glad to signify that with commencement of this year 2022, AISSMS College of Engineering as completed 27 grand years of its establishment. AISSMS COE as an outcome of academic excellence achieved, is consistently producing University gold medalists and top rankers in different branches of engineering. Faculty is actively involved in research and development. College has number of very high-end analytical, computational and experimental facilities at the disposal of students.

We are going to concentrate more upon the Engineering Research activities and use those for students and society welfare. I am confident that the College is in a position to deliver the best theoretical and practical training to the students and offer the best talent to the employers. I wish all the best to the aspiring students, employers and all other stake-holders in achieving their goals.



Shri Shahu Chhatrapati Maharaj
President, AISSM Society

Faculty Achievement

Congratulations
Dr N N Shejwal
Awarded as
Vidnyan Shishak Sanman 2022



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Editorial Board

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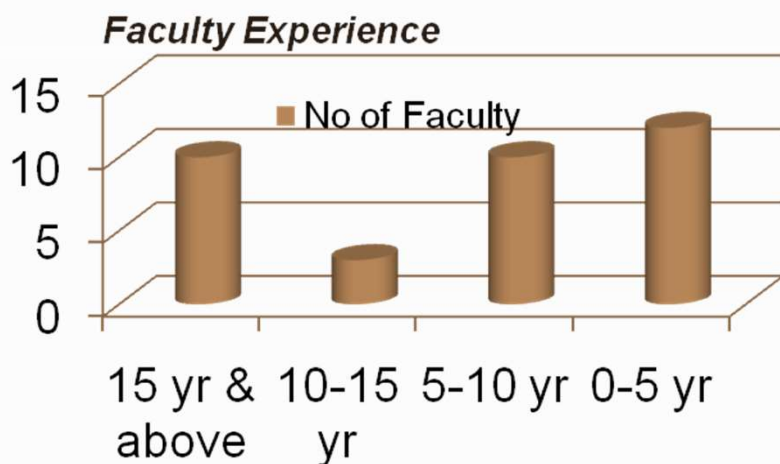
From HOD's Desk...



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 33 faculty and 5 supporting staff for 11 divisions each with 60 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 our strength



Associate Professors - 04

Assistant Professors - 29

Supporting Staff - 05

List of Toppers SEM-II

SR. NO.	DIVISION	NAME OF STUDENT	SGPA
1	Comp-A	SAKSHI NILESH AMRUTKAR	9.82
2	Comp-B	LONKAR GAURAV SANTOSH	9.82
3	Comp-A	SANKET CHANDRAKANT DADALI	9.73
4	Comp-A	ISHANI SACHIN BHONGALE	9.73
5	Comp-B	LONKAR SAURAV SANTOSH	9.66
6	Comp-A	ARINDITA PAL	9.64
7	Comp-A	GADRE RITESH SUDIP	9.61
8	Comp-B	MAHAJAN YASH GOKUL	9.59
9	Comp-B	NARAMDEO KOPAL UDAY	9.59
10	Comp-B	MAGDUM SIDDHI SANGRAM	9.5

Form Editors Desk....

It gives us great pleasure to hand over to you "Chronicle" the newsletter of First Year engineering department. The Department of First Year Engineering has a total intake of 660 students, diversified in 8 different branches of Engineering. 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. Your suggestions for improvement in the newsletter are welcome.

PAPERS PRESENTED IN PROCEEDINGS OF CONFERENCES

S. No	Authors	Document Details	Year	Conference Details	Organised by
1	Dr. N. N. Shejwal	Comparative study of graphene material synthesised by different chemical	2022	ICAMIT 2022	MILLIYA COLLEGE BEED, MAHARAS
2	Prof. P.R.Satarkar	Investigation on Seismic performance Of outrigger structure for highrise building	2022	NCIET 2022	AISSMS College of ENGG. Pune
		Comparative study for shear Strengthening of Beams by using BFP, CFRP and Banana reinforced polymer	2022	NCIET 2022	AISSMS College of ENGG. Pune
		Linear analysis of precast retaining wall	2022	NCIET 2022	AISSMS College of ENGG. Pune
3	Prof. S. S. Bhuinyan	Analysis of Concrete Gravity Dam: A review paper	2022	NCIET 2022 National conference	AISSMS COE PUNE
		Thermal analysis of mass concrete of gravity Dam using finite element method	2022	NCIET 2022 National conference	AISSMS COE PUNE
		Analysis of initial rotational stiffness For different section of semi-rigid Connection.	2022	NCIET 2022 National conference	AISSMS COE PUNE
4	Prof. Almas Ambreen	Review of Robust control techniques of DC DC Converter	2022	National Conference on NCASETED	Government college of Karad

PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Prof. S. S. Patil	Six Sigma Tools and Shainin DOE Techniques	May 2022	https://ijarsct.co.in/Paper4357.pdf	ISSN (Online) 2581-9429	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
2	Prof. P.R.Satarkar	Development of A Mathematical Model on Traffic Management For Major Junctions in Pune City	2022		2349-6002	IJIRT
		Study on Utilization of Natural Fibre As A Composite Material in Cement Mortar Tiles	2022		2349-5162	JETIR
		Water quality Assessment of Rivers in India –review	2022		0012-2440	DICKNSIA
3	Prof. S. S. Bhuinyan	“Preparation of High Strength Concrete Using Multiblend mineral admixture”	2022	https://search.pindia.gov.in/DynamicUtility/Journal/Patent		Indian Patent Journal No.21/2022 dated 03/06/2022
		“Method for Determination of flexural behaviour of Reinforced Beam”	2022	https://search.pindia.gov.in/DynamicUtility/Journal/Patent		Indian Patent Journal No.21/2022 dated 27/05/2022
		“Study of Structural Irregularities in different Seismic Zones using Response Spectrum Analysis”	2022	https://doi.org/10.22214/ijrase.t.2021.37082	ISSN:2321-9653; IC Value:45.98; SJ Impact Factor: 7.429.	“International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 9 Issue VIII Aug 2021
		“Preparation of High Strength Concrete Using Multiblend mineral admixture”	2022	https://search.pindia.gov.in/DynamicUtility/Journal/Patent		Indian Patent Journal No.21/2022 dated 03/06/2022
4	Prof. B. A. Patil	MediaRec: A Hybrid Media Recommender System	May 2022	https://doi.org/10.22214/ijrase.t.2022.42927	ISSN:2321-9653; IC Value:45.98; SJ Impact Factor: 7.429.	“International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 10 Issue V May 2022

SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

S No	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants
1	Prof. S. S. Bhuinyan	Department of Civil Engineering and First Year Engineering has organised a Two day Workshop on "Concrete Mix Proportioning & Value Added Concrete", scheduled on 29th March & 30th March 2022, in association with UltraTech Cement Limited and ISTE Students' Chapter.	on 29th March & 30th March 2022	200+
2	Prof. V R Patil Dr. S K Upasani	National Conference on Innovation in Engineering Technology (NCIET- 2022) - organised by all departments of AISSMSCOE	20 May 2022	100+
3	PBL Exhibition Committee	PBL Exhibition	20th July 2022	All FE students
4	Dr. V S Kalyani	Quiz Competetion	15 July 2022	40

Industrial Visit ORGANIZED BY THE DEPARTMENT

Sr no	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	FE Teaching Faculty	All FE students	Visit to Indian Institute of Tropical Meteorology, Pashan, Pune	9-13th May 2022

Expert Lecture Delivered by Industry

Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Prof. S. S. Bhuinyan	For AISSMSCOE	interactive session with Shri. Prabhakar Gundlapalli M.Tech in Nuclear Engineering Associate Director (CIVIL), Nuclear Power Corporation of India Limited (NPCIL), Department Of Atomic Energy (DAE), Govt. Of India	interactiv ession	25 th March 2022.

FDP/STTP attended by faculty

S. No.	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. N. N. Shejwal	ICT tool for Teacher	PMMMNMNTT, GAD TLC	22/2/2022
2	Prof. P.R.Satarkar	one day Workshop on "Concrete mix Proportioning and Value added	AISSMS college of Engineering	2days
3	Prof. S. S. Patil	Webinar on Global Scholarship	FE Department AISSMS COE	24 June 2022
4	Dr. V.S. Kalyani	i) Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12 & 22 July 2022
5	Prof. S T Surase	1) Mentor development Training Programme	Entrepreneurship & Skill development Cell, AISSMSCOE	14-15 July 2022
		2) National Intellectual Property Awareness Mission	Intellectual Property Office, India	21-07-2022
6	Prof. B. A. Patil	Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12 & 22 July 2022
		IP Awareness/Training program	Intellectual Property Office and MoE's Innovation Cell, India at AISSMSCOE	28/06/2022
		National Intellectual Property awareness Mission	Intellectual Property Office, India	09/03/2022
7	Prof. S A Takalkar	Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12th July 2022 & 22th July 2022
8	Prof A A Gupta	Attended 4 sessions of Impact lecture	Civil department & IIC cell AISSMS COE	12 & 22 July 2022
		IP Awareness/Training program	Intellectual Property Office and MoE's Innovation Cell, India at AISSMSCOE	28/06/2022

PBL Exhibition

The department of First Year Engineering has taken initiative to organise a Project Base Learning for all first-year engineering students. Also, on same day FE parents meet was conducted with the presence of 40 parents. This event was coordinated by Prof. S.S Patil (PBL Coordinator), Prof.V. R Patil , Dr.D.V Nighot (Head of Department)



Winners of PBL Exhibition

Sr. No.	Rank	Prize (Rs.)	Project Title	Name of Winner
1	First	2000/-	Demonstration of Thermal Power Plant	Aniket M Bhosale & team
2	Second	1500/-	Touchless Automatic Dispenser	Pratham Raybole & team
3	Third	1200/-	Electric Cycle	Aditya Sonavane & team
4	Fourth	1000/-	Water Pump Control	Prathamesh Sonavane & team
5	Fifth	800/-	The Social Dilemma	Om Jagtap & team
6	Consolation	500/-	Hydropower Vehicle	Ashish Anthony & team
7	Consolation	500/-	Online e-commerce platform	Vari Kiran & team

Snap Shot of the Events



Indian institute of tropical meteorology

