



AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय



CRONICAL

Principal: Dr.D.S.Bormane

Head of Department.: Mr V R Patil

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



Staff Achievement

Dr N N Shejawl

**Indo Asian Teaching Excellence
Award in 2021**



Congratulation



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Department of First Year Engineering ,
AISSMS College of Engineering,

1 Kennedy Road, Pune - 411 001,

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Editorial Board

Editors:

Mr V R Patil

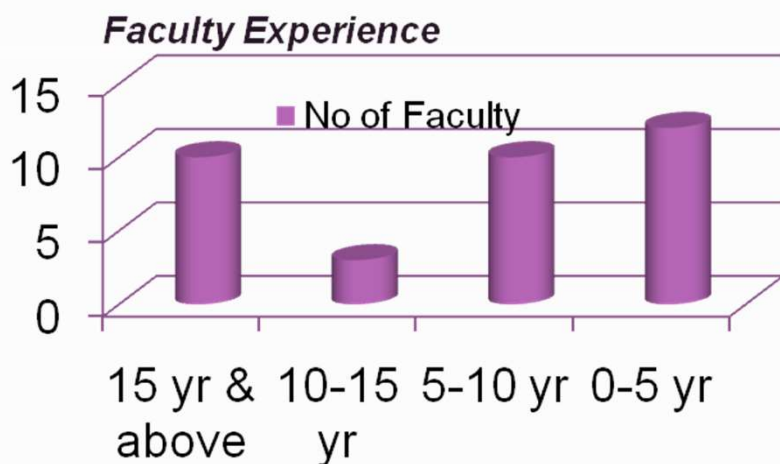
Ms. B S Bobdey



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 9 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-I

SR. NO.	DIVISION	NAME OF STUDENT	SGPA
1	Comp-A	JAWALE TITIKSHA MOHAN	10
2	Comp-A	ISHANI SACHIN BHONGALE	9.95
3	Comp-B	LONKAR GAURAV SANTOSH	9.95
4	Comp-A	ADITYA GANESH MAHALE	9.91
5	Comp-A	ARINDITA PAL	9.91
6	Comp-A	BHOSALE ATHARVA MAHADEV	9.91
7	Comp-A	SAKSHI NILESH AMRUTKAR	9.91
8	Comp-B	KUNDE ATHARVA VIJAY	9.91
9	Comp-B	LONKAR SAURAV SANTOSH	9.91
10	Comp-B	MAGDUM SIDDHI SANGRAM	9.91

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.

ACHIEVEMENTS OF FACULTY

Online Courses Attended by Faculty

S No	Name of Faculty	Title of the Course	Conducted By	Awards
1	Dr. A. B. Patil	8 week NPTEL Course - "Introduction to Abstract Group Theory"	AICTE	Elite Silver
2	Prof. A. B. Thakare	Completed Eight week NPTEL course on "Introduction to Abstract and Linear Algebra"	AICTE	Elite Silver
3	Prof. M. A. D'Cruz	8 week NPTEL Course: Design, Technology and Innovation	AICTE	Elite Gold
4	Prof. Almas Ambreen	Completed NPTEL course on Control and Tuning Methods in Switched Mode Power Converters	SWAYAM	Elite
5	Dr. V.S. Kalyani	Completed NPTEL online course "Biomedical Nanotechnology"	SWAYAM	Elite
6	Prof. M. S. Nikam	Calculus of One Variable	NPTEL	Elite
7	Prof. B. A. Patil	Completed 8 week NPTEL Course on "Big Data Computing"	NPTEL SWAYAM	Elite Silver
8	Prof. V. R. Patil	Aircraft Propulsion	NPTEL SWAYAM	Elite

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
MERILYN ALBERT DCRUZ
for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **91** %

Online Assignments	20/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **332**

Aug-Oct 2021
(8 week course)

Prof. Sridhar Iyer
Head CDEP & NPTEL Coordinator
IIT Kanpur

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
AMOL BHUSAHEB PATIL
for successfully completing the course

Introduction to Abstract Group Theory

with a consolidated score of **87** %

Online Assignments	20.13/25	Proctored Exam	66.75/75
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Total number of candidates certified in this course: **482**

with a consolidated score of **87** %

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
BHAKTI AMIT PATIL
for successfully completing the course

Big Data Computing

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **1394**

Aug-Oct 2021
(8 week course)

Prof. Rajesh M. Hegde
Chairman, Center for Continuing Education
IIT Kanpur

Prof. Satyaki Ray
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL21CS86544201305

To validate and check scores: <https://npTEL.ac.in/hoc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
VIJAY R PATIL
for successfully completing the course

Aircraft Propulsion

with a consolidated score of **62** %

Online Assignments	11.47/25	Proctored Exam	50.77/75
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Total number of candidates certified in this course: **102**

Jul-Oct 2021
(12 week course)

Prof. Hemant K. Kumbhkar
Vice-Chancellor for Educational Technology
NPTEL Coordinator IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL21ME95534201208

To validate and check scores: <https://npTEL.ac.in/hoc>

Cronical

Conference attended by Faculty

S No	Name of Faculty	Title Of The Conference / Symposium	Organized By	Duration/ Dates
1	A B Patil	87th annual conference of the Indian Mathematical Society	MGM University, Aurangabad	4-7 December, 2021
2	Dr. V.S. Kalyani	Attended Conference of Deccan Sugar Technologists Association (India) Pune 66 th annual convention on 30 &31 Oct 2021	Deccan Sugar technology association(India)	30 &31 Oct 2021
3	Prof. S T Surase	National Conference on Recent Trends in Mathematics	Shri Pancham Khemraj College Sawantwadi	28-08-2021

FDP/STTP/WS/Seminar Organized by Faculty

S No	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/ Symposium	Duration / Dates	No. of Participants
1	Dr. V.S. Kalyani	i) Coordinated , organized MOEs IIC Impact lecture series on 4 Oct 21 and 14 oct 21	4&14 Oct 21	400
		ii) Organizing a committee member of webinar on Shivrajya Din and Shivrajya abhishek din on 6 June 21 organized by NSS and FE department AISSMS COE.21	6 June 21	125
2	Prof. S. S. Bhuinyan	One day Webinar on "Beyond BIM: A Peek in the future of Construction Management	22 June 2021	350
		Department of Civil Engineering and First Year Engineering has organised a One day Programme on "Virtual Tour of Ready Mix Concrete Plant" in association with UltraTech Cement Ltd. & The Institution of Engineers	3 Dec 2021	300+

EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT

SN	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	FE Induction Program Committee	FE Student Induction Program	23-31 Dec 2021	All FE admitted students
2	Dr.N.N.Shejwal Prof. M. S. Nikam	Organized "World Environment Day Online Awareness Quiz"	5 & 6 June 2021	414
3	Prof. Almas Ambreen Dr. V.S. Kalyani Prof. M. S. Nikam	Organized MHT CET Quiz Competition under FE Department, AISSMS COE, Pune	23 to 27 September 2021	500

PAPERS PUBLISHED IN JOURNALS

S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr A B Patil	; On sharp Chebyshev polynomial bounds for a general subclass of bi-univalent functions, Applied Sciences, Vol.23, 2021, pp. 109-117.	2021	http://www.mathem.pub.ro/apps/v23/A23-pt-ZAN55.pdf	1454-5101	Balkan Society of Geometers, Geometry Balkan Press
2		; On coefficient inequalities of certain subclasses of bi-univalent functions involving the Salagean operator, Filomat 35:4 (2021), 1305–1313.	2021	https://doi.org/10.2298/FIL2104305P	2406-0933	Faculty of Sciences and Mathematics, University of Nis. Supported by the University of Nis, and by the Ministry of Education, Science and Technologic al Developoment, Republic of Serbia.
3		On sharp Chebyshev polynomial bounds for a general subclass of bi-univalent functions, Applied Sciences, Vol.23, 2021, pp. 109-117.	2021	http://www.mathem.pub.ro/apps/v23/A23-pt-ZAN55.pdf	1454-5101	Balkan Society of Geometers, Geometry Balkan Press
4	Prof. P.R.Satarkar	The design and cost analysis of Net zero energy residential building	2021		2395-0072	IRJET
5	Prof. S. S. Bhuinyan	Effect of Varying Concentration of NaOH on Geopolymer Concrete	2021	https://www.irjet.net/archives/V7/i6/IRJET-V7I6375.pdf	e- ISSN:2395-0056 p- ISSN:2395-0072	International Research Journal of Engineering And Technology (IRJET), Volume:07, June 2021 Issue: 06
6	Dr. V.S. Kalyani	Hydroxycoumarine encapsulated sulfonatohiacalix[4]arene: ¹ H NMR, steady state fluorescence and theory	2021	https://doi.org/10.1016/j.molliq.2021.116760	01677322, 18733166	Elsevier

FDP/STTP/Workshop Attended by Faculty

The image displays two sample certificates. The left certificate is from AISSMS College of Engineering, Pune, awarded to Surajkumar Khasbage for completing a one-month hands-on workshop on Python. The right certificate is from the All India Council for Technical Education (AICTE) Training and Learning (ATAL) Academy, awarded to Sumant S Patil for participating in the AICTE Training and Learning (ATAL) Academy Online FDP on 'Learning Management System'.



ATIL



AICTE



AICTE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi – 11

AICTE Training and Learning (ATIL) A

Certificate

This is certified that **MERILYN ALBERT D'CRUZ**, Assistant Professor **ENGINEERING** participated & completed successfully AICTE Training At Online Elementary FDP on "Design of experiments and Artificial neural" 20/08/2021 at Faculty of Engineering & Technology, M.J.P. Rohilkhand univ

Certificate of Participation

This is to certify that **Mrs. Bhakti Amit Patil** from **AISSMS COE, Pune** has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 18th October, 2021 to 22nd October, 2021.



Advisor-I, ATIL Academy
Mamta Rani Agarwal





Dr. Rajn
Chairman
National

Teaching Learning Centre, Ramanujan College
University of Delhi
 in collaboration with
 Shaheed Sukhdev College of Business Studies (SSCBS)
 under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



भारत सरकार
Ministry of Education
 Government of India

Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune - 44

One Week Online Faculty Development Program on
"Applications of Mathematics in Engineering Field"

Certificate of Participation

This is to certify that Prof Sudhir T. Surase of All India Shri Shivaji Memorial Society's College of Engineering, Pune has participated in One Week Online Faculty Development Program on "Applications of Mathematics in Engineering Field" during 20th to 26th October 2021. The program was approved by AICTE under AICTE Margdarshan Scheme and in association with Indian Mathematical Society (IMS) organized by Department of First Year Engineering, Dr.D. Y.Patil Institute of Engineering, Management and Research, Akurdi, Pune.

Mr Sudhir Narale Co-ordinator
 Mrs Kavita Joshi Co-ordinator
 Dr (Mrs) Anupama Patil Convener

Dr. Amol Bhausaheb Patil
 of
 AISSMS College of Engineering, Pune
 successfully completed a 4-Week Induction/Orientation Programme for
 "Faculty in Universities/Colleges/Institutes of Higher Education"
 from 19 October - 18 November, 2021 and obtained
 Grade A+.

Shri Pancham Best College Award (N)

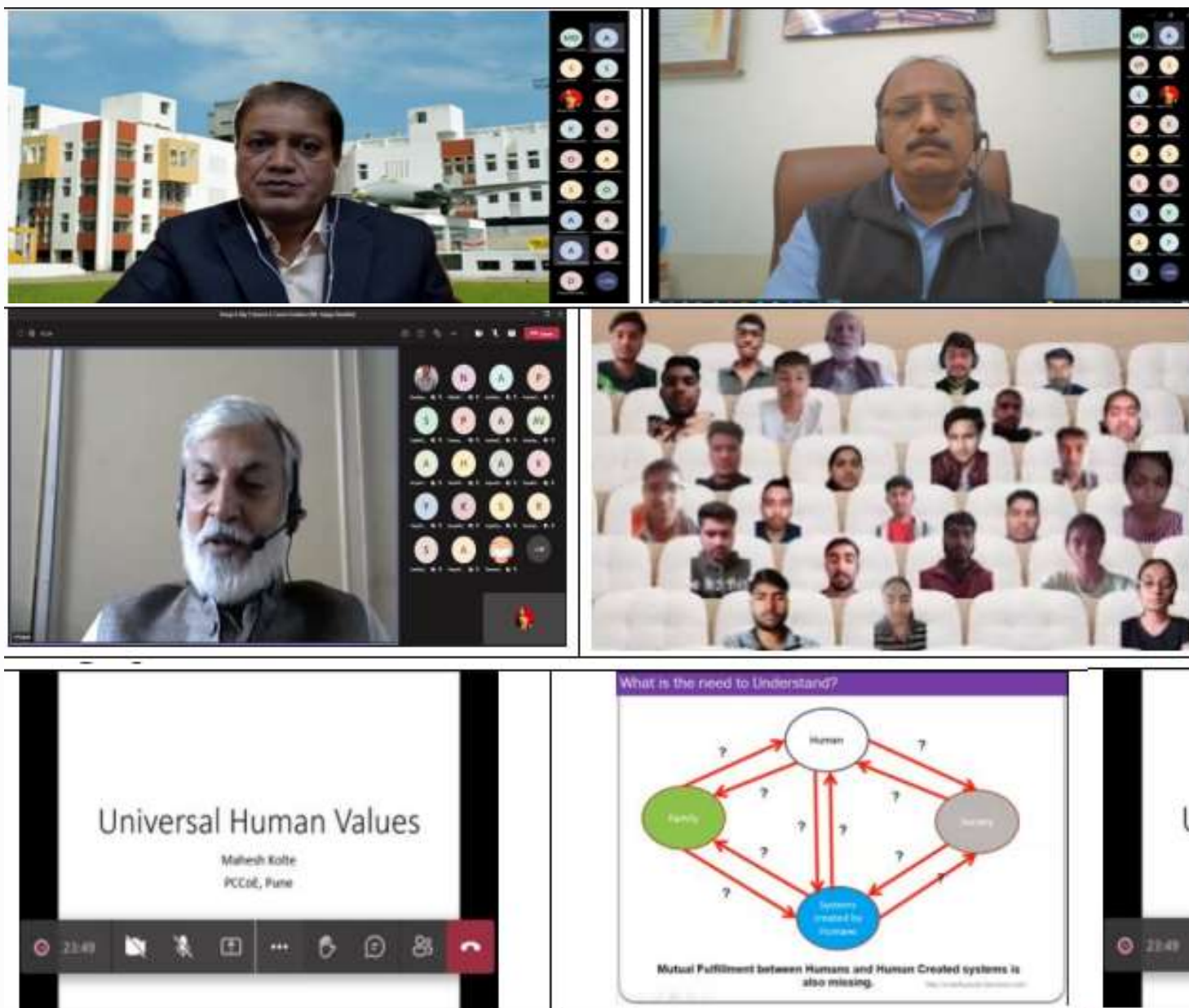
This is to Certify that Mr./Mrs/M.
Engineering Pune actively participated in one day Online National Conference on **"RECENT TRENDS IN MATHEMATICS"** organized by **IQAC & Department of Mathematics, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi** on 27 August, 2021.

Miss. R. D. Bandekar Organizing Secretary
 Mr. V. P. Sonalkar HoD & Convener
 Dr. B. N. Hiramani IQAC Coordinator
 Prin. Dr. D. L. Bharmal Conference President

FE Induction

The one-week Induction Program which was held in AISSMS College of Engineering, Pune from 23rd December 2021 to 31st December 2021 was organized as per the directives received from the AICTE, with a firm purpose to introduce the students to an experience that not only makes them comfortable in an all-new environment but also helps your overall development. The activities conducted during the sessions of these induction programs are listed below:

- Human Value
- Motivational Talk
- Health care
- Soft skill
- Industrial Scenario
- Engineering Awesome
- Social Media Handling
- Entrepreneurship Awareness
- Role of Engg in Rural Development
- Admin and Student section



Session Photographs

