AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय

**Department of Electronics and Telecommunication Engineering
2022-23,Sem I
e-NEWSLETTER**

Principal: Dr. D S Bormane　　　　**Head of Department: Dr. S B Dhonde**

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Principal Message

Dr.D.S.Bormane

Principal

AlSSMS College of Engineering, Pune

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　　　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. As we are in 25th year, we have inclined our focus towards Research Field. We are going to concentrate more upon the Engineering Research activities and use those for students and society welfare.

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. Also students actively work for different Technical teams under Society of Automotive Engineers (SAE). Students are also involved in Social cause under National Service Scheme, which arranges Blood donation Camp every year.

Students are also involved in College's Magazine Committee named SHIVDARPAN, which has been publishing finest and creative ideas by our students in a magazine. Also an event organized by them, named ARTRIVAL gets a huge response. 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, parents, employers and all other stake–holders in achieving their goals.

HOD Message

Dr. S B Dhonde

Professor & Head, Department of Electronics and Telecommunication Engineering

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I welcome you all to the Department of Electronics & Telecommunication Engineering having Intake-60 with 100% result and more than 95% placement. Department has a good track record of university rankers (TOP 10) produced 55+ university rankers out of which 8 Gold Medalist. Students are encouraged to pursue higher studies in the area of management, science and technology. The department has highly qualified & well experienced 16 faculty members and 06 non- teaching staff. Department have contributed to industrial development over the last 30 years at national and international level. Department has industry institute interaction cell & 21+ functional MoUs with various industries. Department is also run Post graduate (PG) course with intake 18 specialization in IoT and Sensor Systems.

Department has smart classrooms, well equipped laboratories, Seminar Hall and excellent computational facilities. Advanced software's like MATLAB, Simulink, Multisim, PSIM, CadFeko, Xilinx, Microwind, Proteus etc. are available in the department. The department also encourages the use of open source software such as eclipse, Visual Studio, Dev, Code blocks, SPJ, MySQL, etc. to work on advanced projects in various areas of Electronics & Telecommunication Engineering. Department is having Advanced Computing Laboratory and Advanced Communication Laboratory with high end equipment's

in the field from world brands like Tektronics and Agilent. Faculty members and students are actively engaged in research.

For overall development of the students, Industry Expert talk from eminent persons in the field is arranged; Industrial Tours, Technical Workshops, Soft Skill training programs are arranged on regular basis .Department is having vibrant student chapters such as Institution of Engineers, India (IEI) Student' Chapter , IEEE Student Branch, ISTE Students' Chapter, IETE Students Forum (ISF) etc. leads to develop the leadership and managerial qualities of the students. IEI Students' Chapter of Department received consecutive 7 years National Level Best Engineering College Students' Chapter Award. Department is running various students clubs like Drone & Robotics (Avit-O-Virtue), Electronics for You (EFY), Data analytics and coding (DAEXUS). Drone and Robotics (Avit-O-Virtue) club bags National & State level First Prizes. Every year students organizes a Technical Event 'SILICON FUSION' under the aegis of 'AISSMS ENGINEERING TODAY' which creates platform for the students to participate in various technical activities. The Prizes are sponsored by various industries. Students from all over India, in engineering field, are participating in this event.

VISION of Department

Society Growth and Welfare through Competent Electronics and Telecommunication Engineering Graduates

MISSION of Department

- To facilitate E & TC graduates with sight of innovation.
- To provide a stimulating learning environment with modern tools & technologies.
- To produce dynamic graduates with ethics and moral values.
- To impart quality education in the field of E & TC engineering to solve societal and industrial problems

PROGRAM SPECIFIC OUTCOMES

PSO1	Analyze Design and test Analog and Digital circuits and systems for given application.
PSO2	Implements technical blocks of hardware – software co-design for Embedded & Robotics automation application.
PSO3	Apply knowledge of E & TC system for social and environmental problems as a individual member or leader of diverse team in multidisciplinary settings

PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

PEO1	To build strong fundamental knowledge among graduates required to pursue their higher education and continue professional development

PEO2	To enable graduates to identify, analyze and solve Electronics and communication engineering problems by applying basic principles and modern techniques.
PEO3	To enable graduates to innovate, design and develop hardware & software components and groom their ability to succeed in multidisciplinary &diverse field.
PEO4	To imbibe professional attitude, effective communicational skills, teamwork skills for becoming a responsible, cultured human being

ACHIEVEMENTS OF FACULTY

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Dr. D S Bormane	1) Elected as Vice President IETE, New Delhi. 24/9/2022
2	Dr. S B Dhonde	1) Book Published , Subject- Digital Circuits
3	Dr. R RItkarkar	1) Awarded with Ph. D ,VTU Belgum, 3/12/2022 2) Patent Published
4	Mr. N P Mawale	1) Best Sponsorship Award in ET-2022 ,AISSMSCOE. 2) Elected as Faculty Adviser Representative on National Level All India Students Committee (AISC) of The Institution of Engineers (India), Kolkata. 3) National Level Best Engineering College Students' Chapter Award from HQ The Institution of Engineers (India) for the Year 2021-22. Award Distribution event held at Chennai on 17.12.2022. 4) Elected as Hon. Secretary, Western Regional Chapter of Solar Energy Society of India at AISSMS College of Engineering, Pune. 5) Elected as Hon. Secretary, ISTE Chapter at AISSMS College of Engineering, Pune
5	Dr. V VDeshmukh	1) Best Department ET Coordinator in ET- 2022, AISSMSCOE

SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level

Name of Student	Details of Achievement	Remark
Ashutosh Waghavkar	Mr. Ashutosh Waghavkar won silver medal in the state level taekwondo championship held on 2nd Oct 2022 at Nashik	won silver medal
Ms. Shaista Mujawar	Selected for Parade as Presenter from SPPU at University and Sate level organized by University of Mumbai and Government of Maharashtra	Represented SPPU

STUDENTS' ACHIEVEMENTS (Team Level)

Name of Event	Name of Faculty Advisor	Details of Achievement	Remark
Technical Consultancy	Mrs. R RItkarkar	Vijay Amble, VighneshIyer and Piyush Chaudhari Working with KONECRANES for consultancy Projects 19/9/2022.	Provided technical consultancy
Smart India Hackathon Competition	Dr. R RItkarkar	Students: Deepali Dalvi, Neeraj Sable, PrachiKshirsagar,ShirishNandkar Team AUDAX is a real product innovator. Team got special appreciation and sponsorship for product development.Project: Automatic Wheelchair Helping Handicapped Person (Smart India Hackathon Competition) 28/8/2022.	Team got special appreciation and sponsorship for product development
AVISHKAR competition	Dr.. R RItkarkar Mr. N P Mawale	Students: Deepali Dalvi, Neeraj Sable, PrachiKshirsagar,ShirishNandkar	Selected for State level in AVISHKAR competition (20/12/2022)

AVISHKAR competition	Mr. V B Gawai	Sunayna, Likhita,SnehalBorhade,AryaDombre	Selected for University Level in AVISHKAR competition (8/12/2022)

Glimpses of Event

Student Participation inSmart India Hackathon
(PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,PO10,PO11,PO12)

Mr. Ashutosh Waghavkar won Silver Medal in Taekwondo competition

Mr. Neeraj Mahajan won IEEE Pune Section's Student Volunteer of the Year 2022 Award

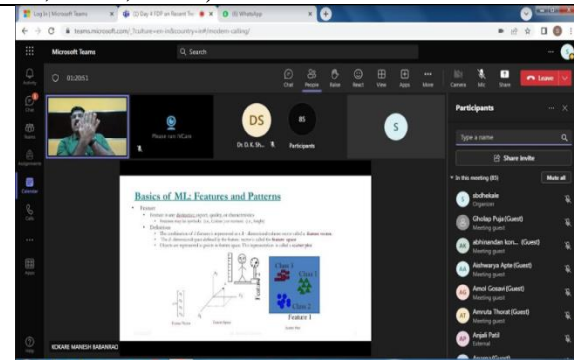Deepali Dalvi PrachiKshirsagar and Neeraj Sable won State Level Avishkar Competition

Avit-O-Virtue Club won First Prize at IIT Hyderabad 18/2/2023(PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,PO10,PO11,PO12)

Avit-O-Virtue Club won 3rd prize at Bits Pilani. (PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9,PO10,PO11,PO12)

Industry visit of TE (E&TC) and IEEE student branch students to "Dankel Tech Pvt. Ltd.," Pune (PO1,PO2,PO3,PO4, PO12)

FDP on Recent Trends in MACHINE LEARNING (PO1,PO2,PO3,PO4,PO5, PO12)

Felicitation of Expert Talk on Digital Marketing (PO8,PO9,PO10)
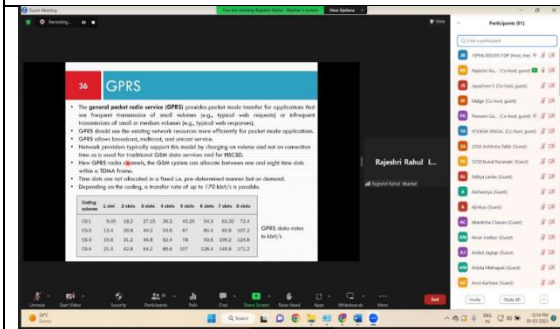

Inauguration of IETE Student Forum(PO8,PO9,PO10)

Few photographs of related to faculty contribution (felicitation of faculty, photos of award function etc.

Mr. N P Mawale Worked as Resource Person for Session on IE(I),D Y Patil, Pimpri	Mr. N P Mawale Worked as Resource Person for Guest Lecture on "VLSI and Embedded System" "Pratibha College of Commerce & Computer Studies
Dr. R RItkarkar Worked as Resource Person for Guest Lecture on in Faculty Orientation Workshop on Recent Trends in Mobile Computing with real time Approach	Dr. R R Itkarkar Worked as Resource Person for Guest Lecture on in Faculty Orientation Workshop on Recent Trends in Mobile Computing with real time Approach

Photographs related to different activities organized	
Expert talk by Mr. Hemant Padhye on"Electric Vehicle"on 9/11/2022 (PO2,PO3,PO4,PO7)	Expert Talk on "Getting to Know Software Industry Practices"(PO5, PO12)

ACHIEVEMENT OF THE DEPARTMENT

Sr. No.	Details
1	Best Overall Performing Department Award: 17th AISSMS Engineering Today-2022

Total Number Of FDP/STTP Attended By The Department Faculty	60
TOTAL NUMBER Of SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY	19
Conferences/ Symposiums Attended By The Department Faculty	4
Online Courses / Certificate Courses Completed By Department Faculty	10
EXTENSION LECTURES / WEBINARS CONDUCTED (Lectures Organized On Other Than Technical Topics	13
Seminars/ Workshops/ Webinars Organized By The Department	31
Faculty Served As Resource Person, Expert, Chairperson	4
Mou Signed With Academic And Professional Organizations	12
Social Activities Organized	01
Parent Meeting Conducted For Se,Te And Be Class	01
Alumni Meet Conducted At College Level	01
Industry Visit Organized	01
Faculty Members Undergone Industrial Training	01
List Of Industries Supported In The Organization Of Workshops/Seminars/Webinars/Conferences/Courses And Any Other Contribution Of Industry	03
Training To Industry Personnel/ Activity Supporting To Industry (Energy Literacy Training)	01

Dr. S B Dhonde
Head of Department