



**AISSMS**  
**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय



**Department of Electronics and Telecommunication Engineering**  
**2023-24, Sem II**  
**e-NEWSLETTER**

**Principal: Dr. D S Bormane**

**Head of Department: Dr. S B Dhonde**

**Advisory Committee**

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Dr. K B Chaudhari  
Mr. N P Mawale  
Dr. P P Vast  
Mrs. Y P Lad

**Chief Editor**

Dr. S B Dhonde

**Editor**

Mr V B Gawai

**Principal Message**



**Dr.D.S.Bormane**

**Principal**

**AISSMS College of Engineering, Pune**

**E-mail: [principal@aissmscoe.com](mailto:principal@aissmscoe.com)**

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 25<sup>th</sup> 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
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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

SN	Name of Faculty	Awards & Recognitions
1	Dr R R Itkarkar	1) Received Best Paper Award for Paper Entitled “ <b>From Myth to Modernity: Resonating Echoes Of Feminine Empowerment</b> “ in International Conference on Gender Equality & Women Empowerment 2024 organized by Department of Electronics & Telecommunication Engineering, PVGCOET & GKPIOM in association with Department of Education & Extension Savitribai Phule Pune University, held on 8th and 9th March 2024.

### CONTRIBUTION OF FACULTY (Interaction with outside world)

SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	Dr. K. B. Chaudhari	Visited Kalyan gaon near Singhad fort for NSS camp on 03/02/2024
2	Mrs. V. S. Navale, Mrs. Y. P. Lad, and Mr. N. P. Mawale	Visited “Sunshine Powertronics Pvt. Ltd.”, Pune, Hadapsar on 17/2/2024
3	Dr K B Chaudhari	NBA SAR preparation SIT, Pandharpur 02/02/2023
4	Dr K B Chaudhari	NAAC External expert for Cycle 1 SSR SPIT, Mumbai , 11/03/2023
5	Dr R R Itkarkar	Invited for meeting by BoS BoS _E&TC Engineering on 15th march 2024 for SE VLSI & SE Advance Communication Syllabus and structure finalization for New course BOS e & TC SPPU Pune 15/03/2024
Total Faculties Interacted with Outside world: 5		

**FDP/STTP/SEMINARS/ WORKSHOPS/ WEBINARS/QUIZ ORGANIZED BY THE DEPARTMENT**

Sr.No.	Name of Coordinator/s	Title of the Seminar/Workshop/Webinar	Duration/ Dates	No. of Participants
1	Dr. P P Vast Mrs. V S Navale	Dive into Practical approach for MiniProject	24/01/2024	53
2	Mrs. G D Salunke	Expert lecture on Project selection and Planning	25/01/2024	
3	Mrs. G D Salunke and Dr R R Itkarkar	Social Visit to Maher Vatslyadham, Kharadi	31/01/2024	46
4	Dr. R R Itkarkar	Visit to MahaTech Industrial Exhibition 2024  Agricultural College Ground, Pune	5/2/2024	47
5	Mr. V B Gawai	Parent meet	16/3/2024	16
6	Dr.P P Vast	Employer Delegates meet	16/3/2024	
7	Dr R R Itkarkar	Campus recruitment test and a Seminar on How to Crack Aptitude by T.I.M.E Pune	9th Jan 2024 & 11th Jan 2024	120
8	Dr R R Itkarkar	IEEE Benefits, by Alumni Piyush Chaudhari	14/03/2024	50

**FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY**

S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr K B Chaudhari	STTP on “Developing research culture in educational institutes as per recent trends in industry”	Sponsored by ISTE and organized by TCOER, Pune.	one week 18 - 22 Dec 2023
2	Dr K B Chaudhari	FDP on “Emerging Technological Trends in Industry ”	Department of E & TC Engineering, VIT, Pune	One Week 11 - 25 March 2024

3	Dr <u>R R Itkarkar</u>	FDP Participated in Online Mode Short Term Course and Faculty Development Programme on “Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)”	Department of Computer Science and Engineering, and Electrical Engineering, National Institute of Technology Rourkela	24th January 2024 to 28th January 2024
4	Mrs. Geeta. D. Salunke	Innovative Practices in Teaching Learning Process	Navsahyadri Group of Institutions, Naigaon(Nasarapur) Tal. Bhor, Dist. Pune	19/12/2023-23/12/2023
5	Mrs. Geeta. D. Salunke	Generative AI	Department of E & TC , D Y Patil College of Engineering, Akurdi with Pantech Learning	04/02/2024-09/02/2024
6	Dr K B Chaudhari	Real-time, Robust and Scalable Computational Methods for Extreme 3D Lidar Imaging	IEEE SPS	22/02/2024
7	Dr <u>R R Itkarkar</u>	Presented and Attended a conference in International Conference on Gender Equality & Women Empowerment 2024 Paper Entitled  <b>“From Myth to Modernity: Resonating Echoes Of Feminine Empowerment “</b>	Department of Electronics & Telecommunication Engineering,PVGCOE T & GKPIOM in association with Department of Education & Extension Savitribai Phule Pune University, held on	8th and 9th March 2024.

### ACTIVITY CONDCUTED UNDER STUDENTS CHAPTER AND CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	Daexus Data Science Club	25
2	IETE Students Forum	
3	The Institution of Engineers (India), Students' Chapter	150
4	IEEE Student Branch	15
5	ISTE Student Branch	03
6		
7	Drone and Robo Club	40

IEEE				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Visit to Industrial Exhibition Mahtech 2024	New Agriculture College Ground, Sinchan Nagar, Shivajinagar, Pune.	09/02/2024	47
2	Social Visit to "Maher Vatsalyadham"	Maher Vatsalyadha, Kharadi, Pune	31/01/2024	48
3	Campus recruitment test Seminar on How to Crack Aptitude under AISSMS COE IEEE	T.I.M.E, Shivaji nagar Pune Kapil Dixit & Anuj Khann, T.I.M.E, Shivaji nagar Pune	09/01/2024 11/01/2024	120
ISTE				
4	Seminar on "Dive into Practical Miniproject"	Mr. Vinay Sidwadkar CDAC, Bangalore	24/1/2024	53

### RESEARCH CONTRIBUTIONS

- Funded Research Project: Dr. S. B. Dhonde received AICTE funding of Rs. 14,74,730 under MODROB scheme for AI & ML Integrated IoT project.
- Paper Presentation: Dr. R. R. Itkarkar presented research on "From Myth to Modernity" at the International Conference on Gender Equality & Women Empowerment 2024.



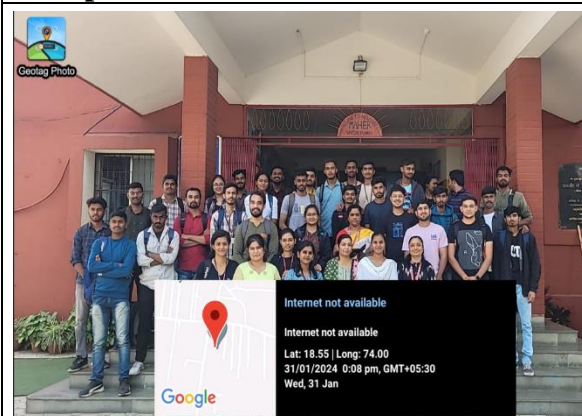
## STUDENT ACHIEVEMENTS

- **Sports:**
  - Ashutosh Waghavkar won a silver medal in the 35th Maharashtra State Taekwondo Championship (Senior Men's Under 58kg).
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- **Technical Competitions:**
  - Runner-up in Quark Robo Race, BITS Goa.
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- **Internships & Training:** Several students underwent industry internships in various reputed organizations.

## INDUSTRY INTERACTION

- Industry Visit to MahaTech Industrial Exhibition 2024.
- MOU Signed with BRANDTOUCH & ANALYTICS PRIVATE LIMITED, Mumbai.
- Expert Session on Project Selection and Planning by Mr. Dilipkumar Patil, Vice President-Operations, Auto Dynamics Technologies & Solutions Pvt. Ltd. Pune.

### Glimpses of Event



Visit to Vatsalya Ashram



Seminar on “Dive into Practical miniproject”

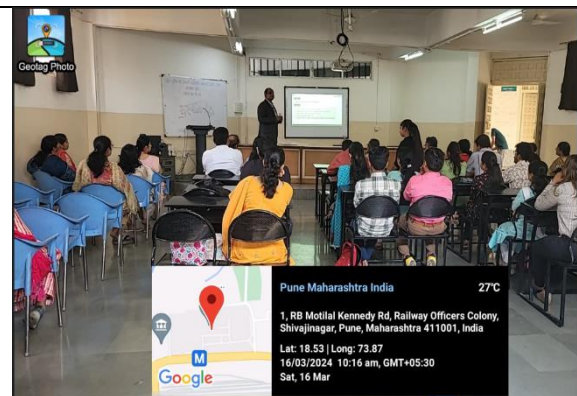




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Expert Talk



Parent Meet 16 March 2024



Visit to "MahaTech Industrial Exhibition 2024, Agriculture College Ground, Sinchan Nagar, Shivajinagar, Pune, 9/02/2024



Seminar on How to crack Aptitude 11/01/2024 by T.I.M.E

**Dr. S B Dhonde**  
**Head of Department**