# Department of Electronics and Telecommunication Engineering
## 2020-21, Sem-II
## e-NEWSLETTER

**Principal: Dr. D S Bormane**          **Head of Department: Dr. D G Bhalke**

| Advisory Committee | Chief Editor |
|---|---|
| Dr. D S Bormane | Dr. D G Bhalke |
| Dr. K B Chaudhari | **Editor** |
| Mr. N P Mawale | Mrs. V S Navale |
| Ms. V D Nagrale | |

## Principal Message



**Dr. D. S. Bormane**

**Principal**

**AISSMS College of Engineering, Pune**

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 for students.  We have inclined our focus towards Research field to concentrate more upon the Engineering Research activities for overall development of students. College is accredited by NAAC A+ grade and received Best Professional College Award by Savitribai Phule Pune University.

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## HOD Message

| | **Dr. D. G. Bhalke**<br><br>**Professor & Head,** Department of Electronics and Telecommunication Engineering<br><br>**Office:** +91-20-26058587<br>**E-mail:** entc.hod@aissmscoe.com |
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Department of Electronics &Telecommunication Engineering is supported by 14 faculty members and 06 non- teaching staff. Electronics and E&TC Engineers produced by this Department have contributed to industrial development at national and international level. Department has a good liaison with the industry. Department has well equipped laboratories and excellent computational facilities. Software like MATLAB, Simulink, Multisim, Psim, CadFeko, Xilinx, Microwind, etc. are available in the Department to work on top-of-the line projects in various areas of Electronics and Telecommunication Engineering. Faculty members and students are actively engaged in research. For overall development of the students, Guest Lectures from eminent persons in the field are arranged; Industrial Tours, Technical Workshops, Soft Skill training programs are arranged on regular basis. IE Student Chapter, ISTE, IETE and IEEE student branch helps students to arrange the various programs in the Department. It leads to develop the leadership and managerial qualities of the students. Institution of Engineers, India (IEI) Students' chapter is very active in the Department and won Best Student Chapter Award at National Level for consistently seven years. Every year students organize a Technical Event **'SILICON FUSION'** under the aegis of 'AISSMS ENGINEERING TODAY'. ThePrizes are sponsored by various industries. Students from all over India, in engineering field, are participating in this event.
Students are encouraged to pursue higher education like ME/M.Tech and MS. All eligible students are placed in various industries. Consistently, the result of BE (Electronics) and BE (E&TC) class is Excellent. Department has a track record of University Rankers.

| *VISION of Department* |
|---|
| Society Growth and Welfare Through Competent Electronics and Telecommunication Engineering Graduates |

| *MISSION of Department* |
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| • To facilitate E & TC graduates with sight of innovation.<br>• 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 |



*Department Faculty member and Non-teaching Staff*

## DEPARTMENT ACHIEVEMENT:

## FACULTY ACHIEVEMENTS:

| S N | Name of Faculty | Title of Activity | Organizing body | Date |
|---|---|---|---|---|
| 1 | Dr. D G Bhalke | Organized three days Faculty orientation workshop on SE(E&TC) 2019 revised course syllabus under agies of BOS(E&TC), SPPU Pune which was held at four different locations. | SPPU | 18/1/2021,19/1/2021 20/1/2021 |
| | | Delivered expert talk on Fourier series on 19th Jan 2021 for three day online Faculty orientation workshop for SE(E&TC) under aegies of Bos(E&TC), SPPU for the subject Signals & Systems held from 18-20 Jan 2021organised by MMCOE Pune | SPPU | 19/1/2021 |
| | | worked as resource person for one week AICTE ISTE FDP on, " Excellence in Teaching" organised by APCOE Pune on 11 Feb 2021. | APCOE, Pune | 11/2/2021 |
| | | Delivered talk on VLAB Outreach workshop at MES COE Pune on 12th August 2021. ( 53 Participants) | MES COE Pune | 12/8/2021 |
| | | Delivered talk on VLAB Outreach workshop at Parikrama GOI, Kasti Pune on | Parikrama GOI, Kasti Pune | 18/8/2021 |

| | | | | |
|---|---|---|---|---|
| | | 18<sup>th</sup> August 202. (73 Participants) | | |
| | | Delivered talk on VLAB Outreach workshop at SKNCOE Pune Pune on 7<sup>th</sup>October 2021. ( 76 Participants) | SKNCOE Pune | |
| | | Delivered talk on VLAB Outreach workshop | AISSMS Polytechnic | 5/2/2021 |
| | | Delivered talk on VLAB Outreach workshop | AnnasahebGarware College Manchar | 3/3/2021. |
| | | Delivered talk on VLAB Outreach workshop | PDEA's BaburaojiGholap College Sangvi Pune | 7/5/2021 |
| | | Delivered talk on VLAB Outreach workshop | Pratibha Institute of commerce and Computer applications Pune | 29/5/2021. |
| | | Invited as chief guest for two week workshop on " Robotics and Automation" | DKTE College | 20/1/2021 |

| | | Session Chair for Springer's 4th International Conference on Communications and Cyber-Physical Engineering (ICCCE2021) organized by G H Raisoni College of Engineering and Management Wagholi Pune on APRIL 09-10, 2021 On 9/4/2021 | G H Raisoni College of Engineering and Management Wagholi Pune | 9/4/2021 and 10/4/2021 |
|---|---|---|---|---|
| | | Honored as session chair for 2nd International Conference of Emerging Technology (INCET 2021) technically co-sponsored by the IEEE Bangalore Section on 22/05/2021. | co- sponsored by the IEEE Bangalore Section | 22/5/2021 |
| | | Worked as panel member for staff selection interview organized by NCER, Pune on 28thFeb 2021. | NCER, Pune | 28/2/2021. |
| **Total Achievements by Dr. D G Bhalke** | | | | **14** |
| 2 | Mr N P Mawale | Delivered a talk on Importance of Institution of Engineers (India) Student Chapter Membership Benefits and | AISSMSCOE FE Department | 5/2/2021 |
| | | Delivered a talk on About IE(I) and ISTE Starting Students' Chapter | Mr. N P Mawale (FE Induction Program) | 2/2/2021 (2 Sessions) |

| | | Benefits of Students Chapter &Achivements | AISSMSCOE, Pune | |
|---|---|---|---|---|
| | | Delivered a talk on Benefits and Privileges of Professional Students Chapter | Jayawant College of Engineering and Polytechnic, K M Gadh | 25/5/2021 |
| | | Delivered a talk on Benefits and Opportunities of Professional Students Chapter During Pandemic | SSGMCE, Shegaon | 2/6/2021 |
| | | Delivered a talk on Professional Students Chapter: Taking Students One step ahead in OBE- in Pursuit of Academic Excellence | Karpagam Deemed to University Coimbatore | 24/6/2021 |
| **Total Achievements by Mr. N P Mawale** | | | | **05** |
| 3 | Mr. S B Dhekale | Delivered  2 hrs expert talk onOperator Overloading (TH and PR) for three day online Faculty orientation workshop for SE(E&TC) under aegies of Bos(E&TC), SPPU  for the subject Object Oriented programming | SPPU Pune | 19/1/2021 |
| **Total Achievements by Mr. S B Dhekale** | | | | **01** |
| **Total Achievements** | | | | **20** |

## STUDENTS' ACHIEVEMENT

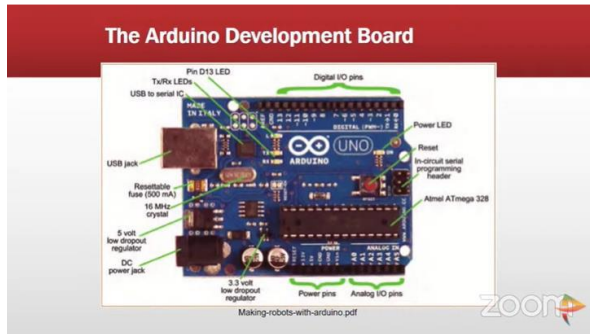| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark (Domain) |
|---|---|---|
| **RitwikaHaldar** | **Received Gold medal for securing 1st position in BE (Electronics) AY 2019-20 in Savitribai Phule Pune University** | **1st position** |
| Piyush Chaudhari | Dare to Dream Innovation Contest 2.0 organized by DRDO | Participation |
| Piyush Chaudhari | Internet of things using Arduino through Tinkercad | Participation |
| Satyam Walekar | SwayamsiddhHackathon | Participation |
| Arindam Pal | Secured Second position in Programming Language Quiz Competition organised by IEEE MRU Affinity Group Computer Society | Second Position |
| Sana Subhedar | Blogathon Competition organised by IEEE Pune Section | Second Position |
| DaideepBhingarde | Received Rs.5000/- e-commerce voucher from Texas Instruments for making it in top 1000 scores in NPTEL Embedded Systems Course. Exam conducted in 14th Jan 2021 | Rs.5000/- e-commerce voucher |
| Name of Student | Details of Achievement (State/University/ National/International Level)(Team Level) | Remark (Domain) |
| ParthUmbarkar (Team member) | Resonance Racing BAJA Event :BAJA SAE India 2021 21/4/21 to 25/4/2021 | Over all Rank 4th All Terrain Performance 3rd Suspension nd Traction 4th Maneuvaribility8th Gradability 10th Overall Dynamics 8th Overall Statics 14th |
| PrachiKshirsagar Deepali Dalvi | Toyotathon 2021 | Participation |
| Saumya Deepali Dalvi AmolRathod ShrutiGadave | Maharashtra Health Hackathon | Participation |
| Saumya Sapna Siddhi Nasare | Efficycle 2020 back team member, Second Prize in extempore competition by IUCEE | Second Prize in extempore competition by IUCEE |
| **TOTAL STUDENTS' ACHIEVEMENT** | | 12 |

*GLIMPSES of EVENT CONDUCTED:*



**Webinar on 'Technologies for Enabling Wireless Communication' (Date:01/03/2021 and 02/03/2021)(PO2,PO3,PO4,PO12))**
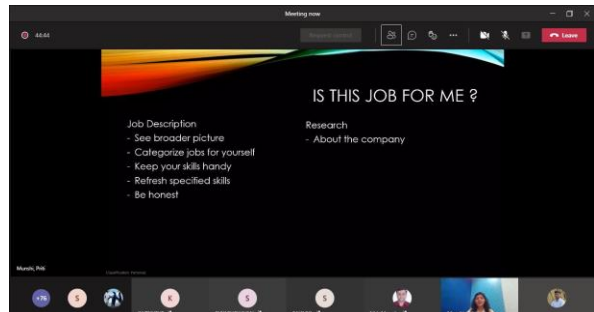


**Webinar on 'Technologies for Enabling Wireless Communication_" (Date:01/03/2021 and 02/03/2021)**



**Webinar on 'Journey to NASA' (Date: 10/03/2021)**



**Webinar on 'Journey to NASA'(Date: 10/03/2021)(PO2,PO3,PO4,PO12)**
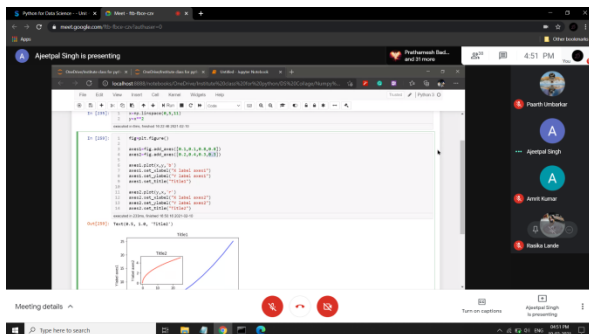


**Webinar on 'Recruitment Guidance'(Date:04/03/2021)(PO8,PO9,PO 10,PO12)**

**Webinar on 'Recruitment Guidance'(Date:04/03/2021) (PO8,PO9,PO10,PO12)**



**Webinar on 'AMCAT'(Date:10/02/2021)**



**Webinar on 'AMCAT'(Date:10/02/2021)(PO1,PO2,PO 3,PO4 and PO5)**



**Industrial Visit at Vision Guage Pvt Ltd. Pune (Date: 26/02/2021)(PO12)**



**Webinar on 'AMCAT'(Date:10/02/2021)**



**Industrial Visit at Elon Power Pvt ltd, Pune (Date: 26/02/2021)(PO12)**

| Sr.No. | Details | Total |
|---|---|---|
| 1 | Faculty Achievements | 20 |
| 2 | Seminar/workshop/webinar/Quiz Organized by Department | 20 |
| 3 | FDP/STTP/Workshop Attended by Faculty | 67 |
| 4 | FDP/STTP/Workshop Organized | 01 |
| 5 | Conference/ Symposium Attended by Department Faculty | 01 |
| 6 | Online Courses / Certificate courses completed by department faculty | 07 |
| 7 | Faculty served as Resource Person/Expert/Chair Person | 20 |
| 9 | MoU signed with Academic and professional Organizations | 01 |
| 11 | Book/ Article Publications | 01 |
| 12 | Patents, Copyright, trademark and other (IPR) | 01 |
| 13 | Student Placement | 35 |
| 14 | Students undergone in-plant training and (or)internship | 19 |
| 15 | Student Achievements | 12 |
| 16 | Online courses completed by students | 16 |
| 17 | Social Activity Attended | 01 |

**Dr. D G Bhalke**
**Head of Department**