



# NEWS EXPRESS E&TC

## DEPARTMENTAL NEWS LETTER

### DECEMBER 2022 TO JUNE 2022

#### Special points of interest:

##### Activities by

- IEEE SIT student Branch
- IEI Club
- ISTE Club
- IETE Club
- eSITizen club
- Lab Innovation
- EDC & Business Club
- Spoken Tutorial
- Vodafone Club
- VAP and T&P Cell

#### Inside this

Club Events

Work shop Events

Department News

#### HOD's Message



Dr. D.D. Chaudhary

#### VISION

उत्तमपुरुषान् उत्तमाभियंतुन् निर्मातुं कटीवध्वाःवयम

We are committed to produce not only good engineers but good human beings, also.

#### SHORT TERM GOALS

- To implement activity plan for overall development of students.
- To establish & expand Post graduate courses in relevant discipline.
- To establish professional bodies/student's forum for life skill development and expose students and faculty to latest business environment.
- To initiate relevant value addition programs and certifications for improving employability.
- To develop Laboratories for meaningful implementation of curriculum and Research.
- To encourage continuous up gradation of faculty members through higher education and external interface with other universities.

#### PROGRAM EDUCATIONAL OBJECTIVES

##### I Enhancement :

To enhance Institute-Industry interface through parent meet and student visit to different industries.

##### II Preparation

To develop an ability to learn and gain the knowledge of basic mathematical, professional and technical fundamentals, so as to prepare students for graduate work and research in their field of specialization at global level.

##### III Core competence:

To provide link through which Electronics and Communication technologies and their applications could be transferred to the country through innovation, analysis, interpretation and applying technical concepts.

#### MISSION

We believe in and work for holistic development of students and teachers. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer.

#### LONG TERM GOALS

- To practice Project Based Learning (PBL) approach for UG and PG programs by creating collaborations with national and International institutions of reputation.
- To create opportunities for students to expose to industry environment through value addition programs and Industry projects for practical training.
- To foster research in the field of Electronics and Telecommunication Engineering for the benefit of society.

##### IV Breadth:

To aware and achieve scientific and engineering breadth amongst student through advanced study and research at graduate level

##### V Professionalism:

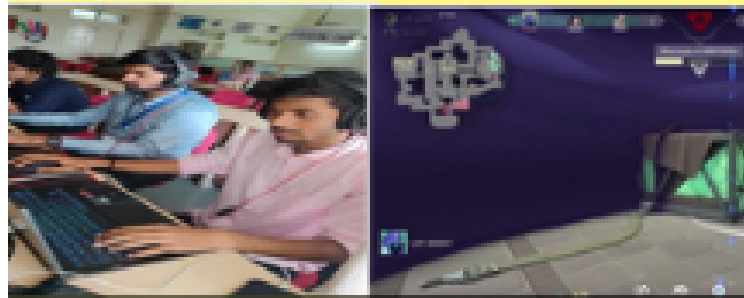
Practice profession with confidence and global competitiveness and make intellectuals contributions to excel in engineering profession.

##### VI Learning Environment:

Pursues a lifelong career of personal and professional growth with superior work ethics and character; with the aid of activity and project based learning environment

Incorporate excellent teaching learning practices to create a center of excellence that strives research creativity, product development with project based learning (PBL) and learning beyond wall, which is recognized by National and International level. The Department of Electronics & Telecommunication Engineering established in the year 2004 with an intake of 60 students, presently the intake is 120 and . Department is accredited by NBA and NAAC. The department now has a total of 19 faculty members with Three PhD and Sixteen pursuing PhD are on the verge of completing their doctorates. The department has a total strength of 385 students from diverse economic strata willing to deliver their best for the welfare of the society. Our students are very innovative and ever eager to learn new concepts. One of our greatest strength is placement. A few strengths to highlight about the department include industry-institute interactions along with MOU's signed, sponsored universities research projects, value addition programs, faculty interaction with the outside world and life skill activities. Apart from teaching, our faculty members are deeply engaged in research work and scientific collaboration in national and international projects. Department has been granted more than Rs. 30 lacs from International /National University and Industries. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level. Department has been conducting Hands on workshop/seminar / conferences under different clubs like IEEE/IEI/IETE/ISTE/eSITizen's/Vodafone/IITB spoken tutorial since its beginning to keep the faculty and students to enhance the knowledge in their domain. We also have NPTEL and Virtual Lab Nodal centre. Recently we started Career Counselling Centre to guide the students in all field of life.

# Valo Showdown



IEEE SIT SB, Lonavala organized "IEEE-X" Annual Flagship Event, a two-day event that features a variety of events like a workshop, competition, and gaming tournament and gives students a chance to demonstrate their abilities via the medium of Technical Events. An IEEE-X event called "Valo Showdown" served as the last and final event. Where players can engage in friendly rivalry, demonstrate their gaming prowess, and have fun during this tournament. This tournament brings together players from various places, backgrounds, and skill levels, fostering a sense of community and cooperation. In order to develop their talents and get better at the game, players can do so in this enjoyable and demanding atmosphere. Valo Showdown provides entertainment for onlookers and awards prizes to encourage competitors. At the end of the event Top 8 teams were selected and certificates and exciting cash prizes were awarded.

## TECHNICOKNOCKDOWN-2023 (TKD-23)



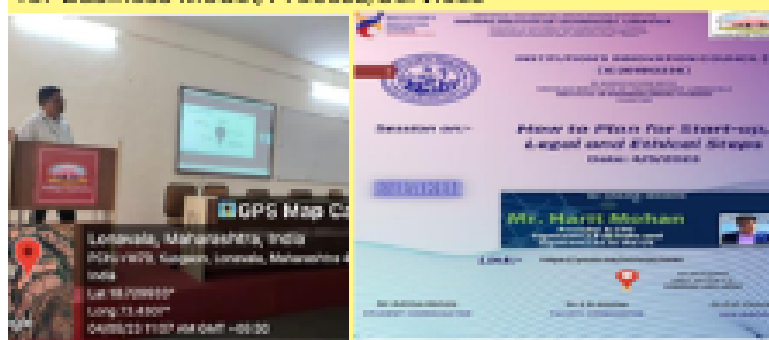
The TKD-23 is organized by Department of Electronics and Telecommunication Engg. Sinhgad Institutes of Technology, Lonavala, Pune, Maharashtra. The conference is technically sponsored by IEEE Bombay Section and IETE, Pune local center and supported by IEEE SITSB and IETEISF, SIT Lonavala. TKD-23 provides an ideal platform for exchange of ideas among researchers, students, and practitioners. TECHNICOKNOCKDOWN-2023 received research papers from all over India. TKD-23 received more than 97 papers out of which 37 regular papers are selected for the oral presentations after peer review. The registered and presented papers are published in IEEE TKD-23 proceeding with ISBN No. 978-81-992245-5-0

## Two Days Workshop On "PCB Design "Event reporting for IETE"



IETE National level project competition The main objective of the competition is to strengthen Project Based Learning through development of Innovative ideas using emerging Technologies. The innovative thinking & implementation of these ideas will lead to product development satisfying the need of society and mankind and further fulfilling the "स्वा क्लमी भा रत" "dream of Hon'ble Prime Minister

## prototype, Design, Process Development for Business Model/Process/Services



The One day workshop organized on start-up for students and faculty in the Department of Electronics and Telecommunication Engineering. Dr. S.B. Gholap introduces the resource person, Mr. Harit Mohan by exploring the importance of Start-up and its usefulness.

## "Interfacing of Sensors and Actuators with Arduino"



The Department of E&TC, ISTE and IETE Student Chapter, SIT, Lonavala, has organized a Hands on on, "Interfacing of Sensors and Actuators with Arduino", with the objective to design unique and innovative projects to increase placement opportunities for engineering students. It was conducted for students of Second year E&TC Engineering. Total 45 students attended the workshop. The workshop started with opening remarks by Ms. V.G. Rajeshwarkar, Coordinator, ISTE Chapter, SIT, Lonavala, followed by addressing speech by Dr. D.D.Chaudhary, Vice-Principal & HoD, E&TC Dept., Sinhgad Institute of Technology, Lonavala, Prof.P.C.Latane, Assistant Professor, Information Technology Engineering Dept., SIT, Lonavala, provided hands on training to students. This training helped students to learn interfacing sensors and actuators with Arduino using tinkercad. Interfacing sensors and actuators with Arduino requires writing code to read sensor data and control actuators accordingly. Tinkercad provides a simple code editor that enables to learn and practice Arduino programming without the need for physical hardware.

# IEEE DAY 2022



**: The session was very interactive and all doubts of students were cleared. The event was a great success and was appreciated by all the dignitaries and students**

# IEEE Chapter Inauguration



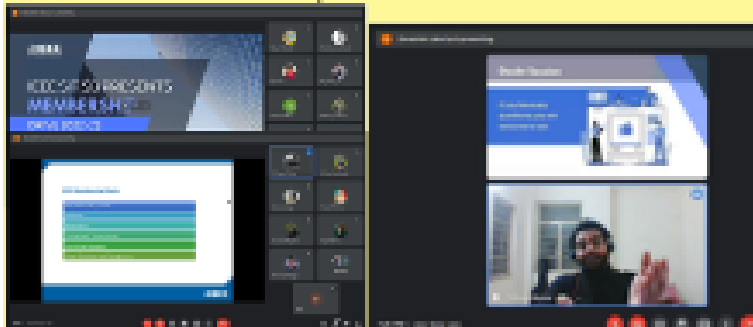
The IEEE SIT SB, Lonavala organized "IEEE Inauguration", a ceremony under the guidance of Prof. Vaishali Baste. The event started with speech of the Vice-principal Dr. D.D. Chaudhary. The former IEEE Chairperson Ms. Akanksha Sathawane gave a brief idea about what IEEE is and shared her experience, with addition to this she also motivated the current Exeomembers for their future tenure. The anchor thanked both of them and handed over the mic to the current Chairperson Mr. Aniket Lambhade who addressed the crowd and started the distribution of Letter of Appreciation (LOA) to the former Execom members. Followed by Ms. Isha Soge current IEEE Membership Development Chair (MDC) who addressed the crowd and told them benefits of IEEE membership.

# FE INDUCTION



A session for first year students was organized by IEEE Student Branch SIT, Lonavala under the guidance of Prof. Vaishali Baste. Around 150 students from FE attended the induction program. Event started with the lighting of the traditional lamp and Saraswati puja. Firstofall, Chair person of IEEE SIT SB, Mr. Aniket Lambhade delivered a speech to the novices and presented an overview on IEEE SIT SB. Here after Event Chair, Mr. Arjan Kotwalne gave a brief idea to freshmen about past events that were organized by IEEE SIT SB. Anchors thanked both of them and invited MDC, Ms. Isha Soge to brief freshers about benefits of IEEE Membership. To make the session more interactive a video clip was shown regarding events held in SIT SB. In addition to this a fun event was held Quiz on general knowledge. Lastly, Former Chairperson of IEEE SIT SB Ms. Akanksha Sathawane gave speech about her experience in IEEE and greeted freshers for the in new ride.

# Membership Drive 2022-23



A session for IEEE Student Member was organized by IEEE Student Branch SIT, Lonavala under the guidance of Prof. Vaishali Baste. Around 40 students from SIT Student Branch attended the membership drive program. Event started with the speech of Membership Development Chair Ms. Isha Soge. Firstofall, Ms. Isha told us about benefits of IEEE Membership, and invited our chief guest Mr. Tathagat Kumar. Mr. Tathagat delivered a speech to the novices and presented an overview on IEEE. Here after he also gave a brief idea to freshmen about benefits of IEEE Membership, and how the membership benefits can be availed. To make the session more interactive he also played a Q&A.

# Debugging Dash



IEEE SIT SB, Lonavala organized "IEEE-X" Annual Flagship Event, a two-day event that features a variety of events like a workshop, competition, and gaming tournament and gives students a chance to demonstrate their abilities via the medium of Technical Events. The second event was "Debugging Dash", a part of IEEE-X. Debugging Dash is an event in which participants are given a codebase with a number of bugs and are tasked with identifying and fixing those bugs. The Hacker Rank website hosted the competition in which competitors were given defective codes to debug under predetermined time frames using certain programming languages such as C++, Python, and Java. Winners were announced, and certificates and prizes were given out at the conclusion of the event.

## DEPARTMENT AT A GLANCE

Sr. No.	Class	Boys	Girls	Number of students
1.	SE	57	13	70
2.	TE	12	05	17
3.	BE	36	10	46
Total		105	28	133

Academic Year	Result in % (*All Clear)		
	SE	TE	BE
2021-22	94	100	100
2020-21	100	100	100
2019-20	100	100	99.43
2018-19	67.95	64.66	81.22
2017-18	97.05	86.36	92.54
2016-17	51.68	61.80	92.89

## PLACEMENT RECORD

Sr. No	Student Name	Company Name	Package
1	RAHUL BHUKHAL SAH	Aastha Technologies	3.5 LPA
2	Rahul Yadav	Accenture	4.5 LPA
3	Lochan Vidyadhar Sawant	Accenture	4.5 LPA
4	Vaibhav Sanjiv Patil	Accenture	4.5 LPA
5	Mehdi Rasoolji Valiji	Amazon	4.5 LPA
6	SONALI SANJAY GUPTA	Capgemini	4.0 LPA
7	Sagar Vijaykumar Koli	Capgemini	4.0 LPA
8	Vaibhav Sanjiv Patil	Infosys	3.6 LPA
9	Aishwarya Krishnat Vhatkar	Mindtree	4.0 LPA
10	Atharva Manoj Allewar	Vodafone	4.5 LPA
11	Sayali Dilip Sonawane	Vodafone	4.5 LPA
12	Sonali Sanjay Gupta	Vodafone	4.5 LPA
13	Nayan Bhagwan Vaswani	Wipro	4.0 LPA
14	Nayan	Infosys	3.6 LPA
15	Trupti	Infosys	3.6 LPA
16	Ekansh	Infosys	3.6 LPA
17	Mansi	Infosys	3.6 LPA
18	Trupti Hanumant Phand	Vodafone idea	4.5 LPA
19	Pratik Walde	Vodafone idea	4.5 LPA
20	Ashwin waghmare	Capgemini	4.5 LPA

### Extra Efforts for Content Beyond the Syllabi

Value addition Program
Student Training Program [STP 1 To STP 5]
Videophone Club
Conferences
Technical Quiz
Entrepreneurship Development Cell
Guest Lecture
E-Learning
ROBO club
Business Club
Project Exhibition (Mutation, Mini Project )
Lab Innovation
Industrial Visit
Industry Projects
Design Experiments
Microsoft Campus Club
Professional Body Student Forums

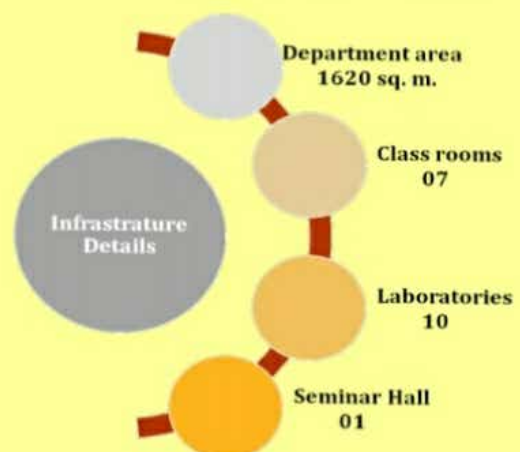
### STUDENT TRAINING PROGRAM [I TO V ]



- STP I: Training on Communication Skills-Part I - Listening, Reading, Writing, Speaking.
- STP II: Training on Communication Skills-Part II-Listening, Reading, Writing, Speaking.
- STP III: Training on Technical Skills-Training and refreshing of Technical Fundamentals.
- STP IV: Interview Preparation-Practice of Group Discussion and Personal Interview.
- STP V: Value Addition Program-Training from outside expert to add value to CV.

### Tie-Up with Foreign Universities

Aalborg University, Denmark
University of Malaga, Spain
University of Torvergata, Rome, Italy
University of Zagreb, Croatia
University of ESISAR, Grenoble-INP, Valence, France



### PHD /PHD Pursuing Faculties in Department

<i>Sr. No.</i>	<i>Name of the Faculty</i>	<i>University/Institute</i>
1.	Dr. M.S. Gaikwad	Shivaji University, Kolhapur
2.	Dr. D. D. Chaudhary	SGGS, Nanded
3.	Prof. V.V. Deotare	RTMU, Nagpur
4.	Dr. D.S. Mantri	Alborg Univ. Denmark
5.	Prof. S. S. Patil	Aalborg Univ. Denmark
6.	Prof. S B Gholap	RTMU, Nagpur
7.	Prof. S.V. Shinde	SPPU, Pune
8.	Prof. V. G. Rajeshwarkar	JNTU, Hyderabad
9.	Prof. P. R. Dike	VTU, Belgaon
10.	Prof. R. V. Babar	RTMU, Nagpur
11.	Prof. D.B. Patil	VTU, Belgaon
12.	Prof. M.S. Raut	VIT, Chennai
13.	Prof. Nilima Shitole	SPPU, Pune
14.	Prof. R. R. Patil	VTU, Belgaon
15.	Prof. M. K. Bhosale	Shivaji University, Kolhapur

