NEWS EXPRESS E&TC
DEPARTMENTAL NEWS LETTER
January 2022 to June 2022

Sinhgad Institutes

VISION

उत्तमपुरूषान् उत्तमाभियंतृन् निर्मातु कटीबध्दाःवयम

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

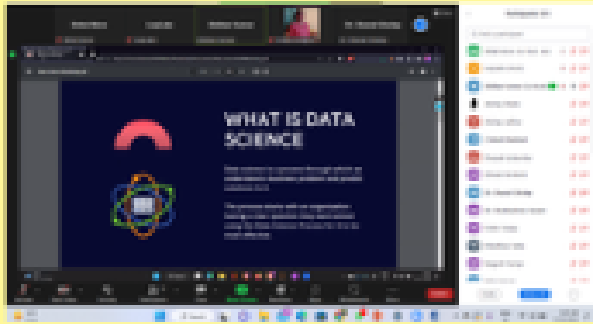## HOD's Message

Dr. D.D. Chaudhary

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.
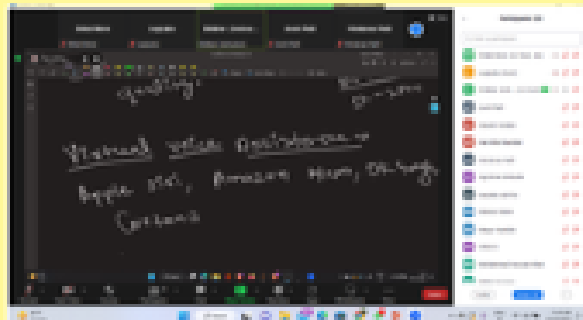
Parangat

A session Parangat National Education Day was organized by e-SITizen club of SIT, Lonavala for the students as well as the faculty members of the college. It was a successful event as 120 students as well as all the teachers marked their presence in it and enjoyed the celebration. Our chief guest Dr. M. S. Chaudhari inaugurated the program .All the subject toppers and departmental toppers were felicitated in the event. Teachers also were appreciated for their achievements . We hope that this type of activity should be carried in future too to keep on encouraging students and teachers for their progress.
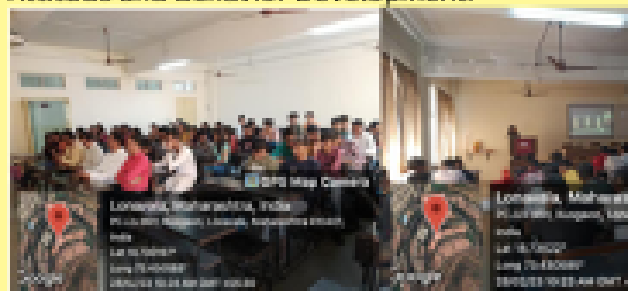
5 Days FDP AWS, AZURE, DEVOPS & DATA SCIENCE

5 Days FDP Was organized by e-SITizen club of SIT. Lonavala in Association with LWP Lab for the students as well as the faculty members of the college and other colleges. It was a successful event as 120 students as well as all the teachers marked their presence in it and enjoyed the FDP. Our chief guest Mr. Rahul Choudhuri – Founder of LWPLBAS (AWS DevOps Cloud) inaugurated the program

2 Days Data Science Workshop

To bridge the gap between academia and industry, Department E&TC organised Two days' workshop on Data Science with LWPLBAS on 15 /12/2022 and 16/12/2022. There were 80 participants from Engineering, M.Com courses who took part in the workshop. The Workshop started with an inauguration session were Mr. Rahul Choudhuri – Founder of LWPLBAS (AWS DevOps Cloud) and Mr. Shikhar Kumar- Senior Trainer (Data Science, AI, ML).The Mr. Shikhar Kumar highlighted on importance of analytics for non-computer science students. Each session was well planned starting with theoretical explanation of concept followed by practical implementation of the concept. Students were completely engaged in hands on session on both the days. Assignments were given at the end of day 1 of the workshop which students had to perform at home. Students of their own interest arrived early on day 2 of the workshop to revise and complete the assignments given. Day 2 of the workshop continued with the advanced topics of analytics. The workshop ended with a test and discussion of the questions.

Workshop on Entrepreneurship Skill, Attitude and Behavior Development.

The purpose of this event was to give The student and faculty members understood different Starup ideas and operational mechanism. This event was done in associate with Deartment Club eSITizen's Club. Main aim of this event is to give Students and faculties interacted with stakeholder about their roles, how they work on their given task, challenges. This event is conducted and organized by team of TE E&TC students. The purpose of this event was to make students The student and faculties also made aware about startups and Entrepreneurship Skill with its essential requirement.They are also aware of different government funding schemes. The Event was inaugurated by principal sir Dr. M. S Chaudhari, HOD and vice principal Dr. D. D. Chaudhary, and Prof. S.K.More and all departmental staff members attended the event. After INaguration session is handover to Mr. Vivek Singh. Giving overview of different Entrepreneurship Skill and Startup Idea to the student and faculty members. It was a successful event as 50 students as

Guest Lecture On Personality Development

The purpose of this event was to give Personality Development importance in Industries. This event was done in associate with Deartment Club eSITizen's Club. Main aim of this event is To bridge the gap between academia and industry. This event is conducted and organized by team of TE E&TC students. The purpose of this event was to make to give importance of popersonality Development in Industries and in real life of students
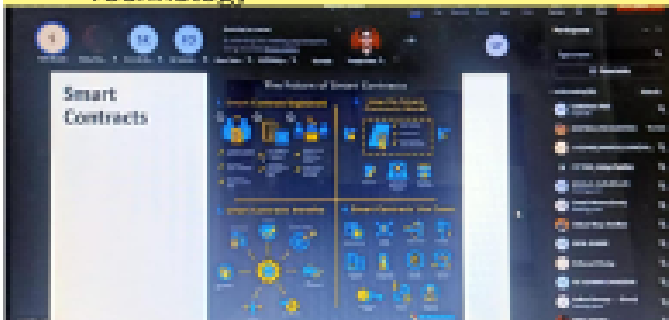
BE FAREWELL-2K23"

The purpose of this event was to give Farewell to BE-2K23 Batch. This event is traditional activity of e-SITizen's Student Club. This event was done in associate with Deartment Club eSITizen's Club. Main aim of this event is to give Farewell to BE-2K23 Batch and Students Appreciation for their Talents . This event is conducted and organized by team of TE E&TC students. The purpose of this event was to make students remember all Memories of their College Life and farewell to be students.

Seminar on)

To minimize the gap between education and industry Prof. Sanjay Chaudhary delivered talk on core electronics. Around 40(TE) +40 (SE)=80 students get benefited. Students found ease in component identification. They understood how to make and identify the models of the device like BJT, FET, IGBT.In addition TE students came to know how to design prototype. Discussed about mini-project: What type of innovation can be included, how anyone select the project title. The session end up with the videos giving motivation why to study electronics engineering and understand need of electrons in day to day life and industry

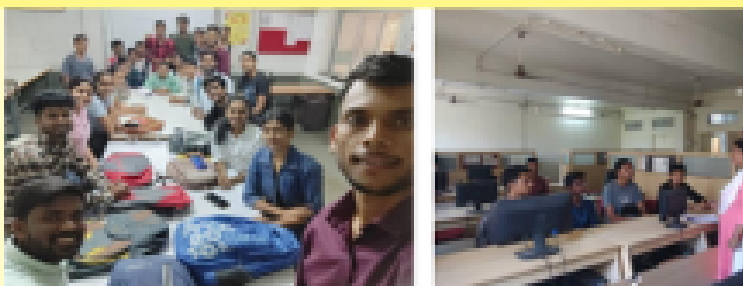## Webinar on "Blockchain Technology"

Webinar is delivered by Mr Sahil Podey, the trainer, a veteran in the Blockchain. He worked on government projects. Recently he is working in Vodafone Idea Limited, as packet core cloud engineer. He discussed the Fundamental of Blockchain like minors, hashing, encryption, cryptography, public and private -key, -network architecture, smart contract and applications. 6(participates attended the webina

Student Training Program-

This activity was the part of Student training program. It is introduced in second year for development of their soft skill activities. It is divided into ten modules. All modules were designed so as to develop life skill activities. Writing skill is very important skill. in STP I modules were designed to cover resume writing, report writing ,letter and application wring. In their career student has to work in team so team behavior is important All modules were conducted division wise by faculty members
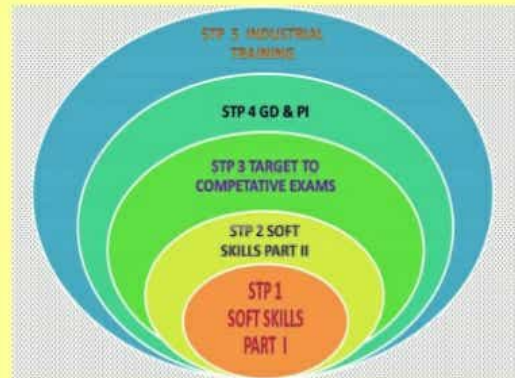
TG Activity Report (Sem-II 2022-23)

☐ Teacher Guardian meet is conducted on every Wednesday for 30 minutes. ☐ Each teacher is assigned 19-20 students to have one to one interaction with them. ☐ In this semester total Sixteen (10) TG meetings were conducted. ☐ TG agenda is prepared by the TG coordinator & provided to every TG one day prior. ☐ Mentoring for SE & TE students by final year students is done in TG meets. ☐ In this meet students are motivated for improving their academic performance; they are also motivated for overall improvement. ☐ Though it is displayed on Notice board, students are informed about all activities personally. ☐ TG's look into their problems and try to solve it.

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

STUDET TRAINING RPGRAM [I TO V]

STP 5 INDUSTRIAL TRAINING
STP 4 GD & PI
STP 3 TARGET TO COMPETATIVE EXAMS
STP 2 SOFT SKILLS PART II
STP 1 SOFT SKILLS PART I
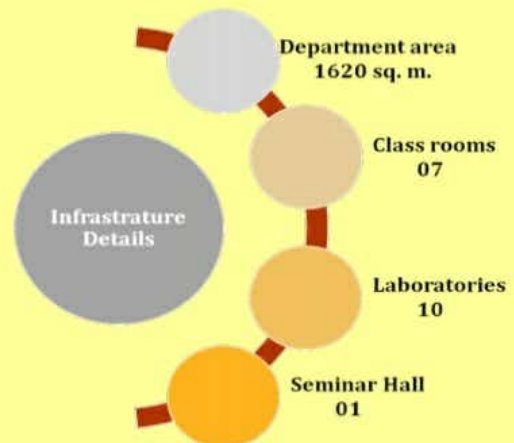
STP I: Training on Communication Skills-Part I - Listening, Reading, Writing, Speaking.

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

Infrastrature Details

Department area 1620 sq. m.

Class rooms 07

Laboratories 10

Seminar Hall 01

PHD /PHD Pursuing Faculties in Department

Sr. No.	Name of the Faculty	University/Institute
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, Hydrabad
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

Internship component to be added to the STP

•Industry Cell to be started

•Ph.D. Centre

•Pre-placement Training, under STP, to be conducted for BE students

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•Guest lectures to be organized under

Plans of Department