

VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबद्धावयम्

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

SHORT TERM GOALS

- To improve the results of UG classes.
- To implement activity plan for overall development of students.
- To establish professional bodies/students 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 then for Research.
- To encourage continuous up gradation of faculty members through higher education and external interface with other universities.

PROGRAM EDUCATIONAL

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.

The Department of E&Tc Engineering established in the year 2004 with an intake of 60 students, presently the intake is 120. Department is accredited by NBA and NAAC. The department now has a total of 25 faculty members with five Ph.D. and nine pursuing Ph.D. are on the verge of completing their doctorates. Our students are very innovative and ever eager to learn new concepts. In addition to Toppers in SPPU, our greatest strength is the good placements of our students.

A few highlights 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, faculty members are deeply engaged in research work and scientific collaboration in national and international projects. Department has been granted more than Rs. 30 lakhs 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, IE, IETE,ISTE eSITizen, 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. Incorporate excellent teaching learning practices to create a centre 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.

MISSION

The department of Electronics & Telecommunication in partnership with all stake holders will harness Talent, Potential for application based indigenous product development in future.

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 intellectual 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

Special points of interest:

- Activities by
- eSITizen club
- IETE & IE Club
- IEEE SIT student Branch
- Student workshop
- Lab Innovation
- Business Club

Inside this

Club Events

Work shop
Events

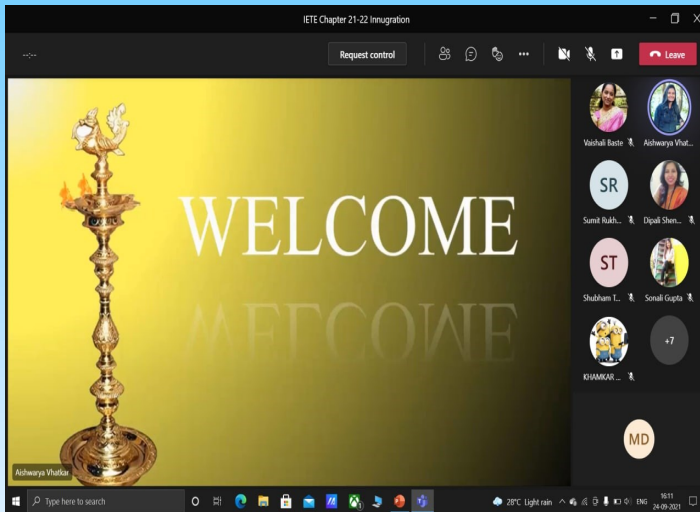
Department

HOD's Message



Dr. Dilip D. Chaudhary

ISF CHAPTER INNUGRATION



IETE SIT CLUB Sinhgad Institute of Technology, Lonavala organized ISF CHAPTER inauguration 2021–22 on 24th September 2021. Event was conducted under the guidance of Prof. D.K.Shende. There were more than 80 attendees for this programme.

IEEE DAY CELEBRATION



IEEE day celebration was conducted on 5th October 2021. The event was organised online by IEEE SIT SB Lonavala. Inaugural speech was given by Mr. Tathagat. Event was conducted under the guidance of Prof. Vaishali Baste. Vice Principal, Dr. D. D. Chaudhary and Principal, Dr. M. S. Gaikwad who motivated and guided all the participants.

ENGINEERING DAY CELEBRATION



ENGINEERING DAY and TEACHER DAY celebration was conducted on 15th SEPTEMBER 2021. The event was organised online by IEEE SIT SB Lonavala. There were more than 250 attendees in the event. Event was conducted under the guidance of Prof. Vaishali Baste. It was great motivation from Vice Principal Dr.D.D.Chaudhary and Principal, Dr. M. S. Gaikwad to all faculties and student on the occasion of teacher day and engineers day celebration.

Alumni Meet



From Department of Electronics & Telecommunication invitation of Alumni meet was sent to the all pass out students from batch 2008 to 2021 including ME pass out students. 220 students from E&TC department registered for an Alumni Meet. Out of which 135 students attended meet.

PCB DESIGNING WEBINAR

IEEE
Sinhgad Institute of Technology,
Lonavala
IEEE SIT SB
Presents
PCB Designing Webinar
and
Inauguration Ceremony of the
new IEEE Execom Team

HIGHLIGHTS
All about CUSTOMER PCB design tool
Why PCB design is becoming a must?
Both theoretically and practically concepts will be discussed
Demonstration of schematic capture, footprint development, creation of Gerber file and manufacturing reports etc.
AND MUCH MORE

9th October 2021
10:30 AM

Anchor: Prof. Vaishali Baste, Dr. Sharad Ghole, Dr. D.D. Chaudhary, Dr. M.S. Gaikwad
Software: (Branch coordinator) (Event coordinator) (Vice President) (Principal)



IEEE SIT SB, Sinhgad Institute of Technology, Lonavala organized PCB Designing Webinar on 9th October, 2021 for all faculties and students under the guidance of Prof. Vaishali Baste and event coordinator Prof. Sharad Ghole. There were more than 200 attendees in the event. The event began with the welcome speech of anchor, Ms. Aishwarya Jadhav followed by the speeches of Vice Principal, Dr. D. D. Chaudhary and Principal, Dr. M. S. Gaikwad who motivated and guided all the participants.

WEB WINNERS WEEK WORKSHOP

IEEE
Sinhgad Institute of Technology,
Lonavala
IEEE SIT SB
Presents
Web Winners Week

A week long workshop followed by a hackathon

Speaker: Mr. Hannan Satopay
Secretary, IEEE Bombay Section TPAC

Workshop
#Date: 28th - 31st October
#Time: 4 - 6pm

Hackathon
#Date: 1st - 2nd November

Stand a chance to win cash prizes

CONTACT:
Ms. Neha Joshi
7350648787
Mr. Ashutosh Mahajan
9858176075

All participants will receive an e-certificate

Register Now
<https://forms.gle/TACHrjEUXpIKKqLA>

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Register Now
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IEEE SIT SB, Sinhgad Institute of Technology, Lonavala organized WEB WINNERS WEEK WORKSHOP from 28 to 31 October, 2021 for students under the guidance of Prof. Vaishali Baste. This workshop is followed by HAKTHON on 1 and 2 November 2021. There were more than 135 attendees in the event. The resource person was Mr. Hannan Satopay. Vice Principal Dr. D. D. Chaudhary and Principal, Dr. M. S. Gaikwad who motivated and guided all the participants.



SINHGAD INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION



Heartiest Congratulations

To Our Beloved Placed Students (A.Y. 2021-2022)



WORKSHOPS/ LECTURE/ WEBINAR

Sr. No.	Topic of Webinar/ workshop	Activity Conducted Under	Faculty In charge
1	Role of Honour Courses in Engineering Education and research	Vodafone	S.S.Patil
2	PCB Designing Webinar	IEEE club	V. S. Baste
3	Teachers day & Engineers day celebration	IEEE club	V. S. Baste
4	FE Induction Program-online quiz	IEEE club	V. S. Baste
5	Web winners week,(workshop followed by Hacathon)	IEEE club	V. S. Baste
6	Innovative Project competition on Artificial Intelligence and Machine learning	IEEE club	V. S. Baste
7	IEEE day celebration	IEEE club	V. S. Baste
8	ISF CHAPTER INNUGRATION	IETE Club	D.K.Shende
9	Alumini Meet	T & P	M.K.Bhosale

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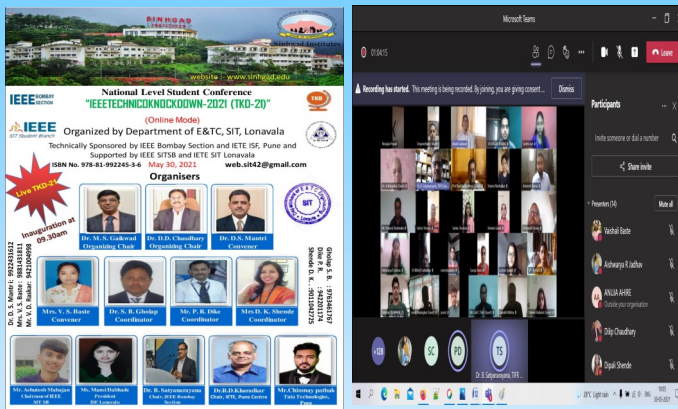
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“IEEE TECHNICOKNOCKDOWN-2021 (TKD-21)”



“TECHNICOKNOCKDOWN-2021 (TKD-21)” National Level Students Conference for technical paper presentation on May 30, 2021. Due to pandemic situation of COVID 19, organizing team of TKD-21 decides to go online. The TKD-21 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 center and supported by IEEE SITSB and IETE, SIT Lonavala. TKD-21 provides an ideal platform for exchange of ideas among researchers, students, and practitioners. TECHNICOKNOCKDOWN-2021 received research papers from all over India.

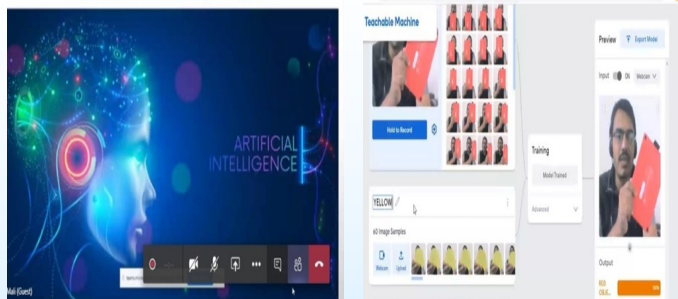
“Green and Secure communications”



“Green and Secure communications” Organized by Department of E&TC, SIT, Lonavala. Green technology has drawn an enormous attention with the development of the modern world. Similarly with the development in communication technology the industries and researchers are focusing to make this communication as green as possible. In cellular technology the evolution of 5G is the next step to fulfil the user demands and it will be available to the users in 2021. This in turn creates interest and promote faculty to work in wireless research areas

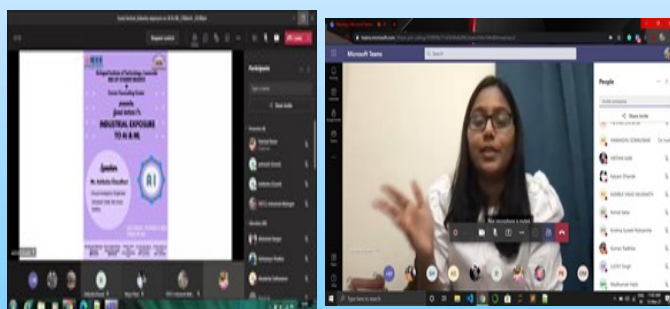
STTP ON STATISTICS FOR AI & ML

Career Path in Machine Learning & AI



IEEE SIT SB and Career Counselling Center ,Sinhgad Institute of technology ,Lonavala organized STTP on Statistics for AI &ML under the guidance of Prof.Vaishali Baste, Prof. Mayur Raut, Prof. Karnekar. Dr.M.S.Gaikwad, Principal and Dr.D.D.Choudhary were present for inauguration function. Prominent personalities provided a lot of information regarding AI & ML . Students found very interesting to learn all of these , they also helped students to upgrade there skills .The speakers also answered the questions and doubts asked by students

INDUSTRIAL EXPOSURE TO AI & ML



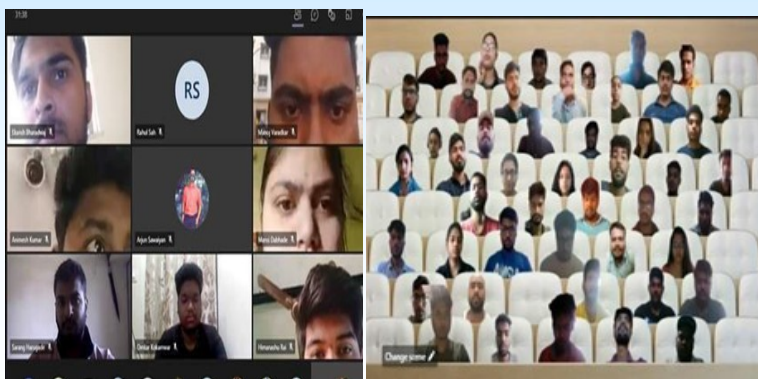
IEEE SIT SB and Career Counseling Center ,Sinhgad Institute of technology ,Lonavala organized guest lecture on Industrial exposure to Artificial Intelligence and Machine Learning. Total number of entries was 200 and more than 100 students attended the Lecture. Our chief guest, Ms. Ashlesha Chaudhari who is a Cloud Analytics Engineer at Amazon Web Service Dallas initially talked about a lot of cases or ways in which technologies such as AI & ML are used in real world and about the projects which are in progress.

One week National level STTP on “Components and Applications of IoT”



One week national level STTP was arranged with purpose towards new extension degree added in SPPU-Namely Honours in IOT. Through this STTP mail aim to discover the future enterprise technology that is IOT. There were 150 registration from different states, which includes faculties, research scholars, and UG and PG students. Inauguration was held on 22nd March 2021

Seminar on Data Science



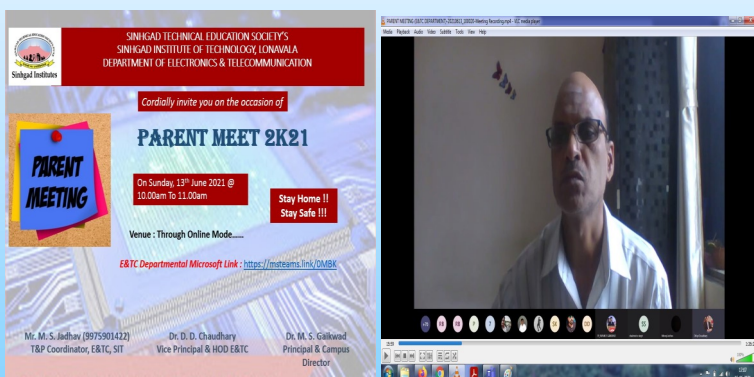
The purpose of this event was to discover growth in the data science future enterprise. 80 participated in this event. Due to pandemic this event was held virtually on the Microsoft teams on 1 March 2021. Our Speaker explained in detail from what is data science? And how data scientists use their skills in math, statistics, programming, and other related subjects to organize large data sets. Then, they apply their knowledge to uncover solutions hidden in the data to take on business challenges and goals.

Workshop On Cyber Security



The main motive of this Workshop was to provide awareness about Career Opportunities in Cyber Security Applications & computer network subject in career field. The Workshop was taken by experienced persons from industries belonging to Ethical Hacking & Cyber Security field.

Parent Meet



In Academic year 2020-21, Semester II, Parent meet took place From Department of Electronics & Telecommunication invitation of Parent meet was sent to the parent of all the students from SE to BE. We invited 185 parents of the students from SE TE BE. Out of which 74 parents attended the meet.

WORKSHOPS/ LECTURE/ WEBINAR

Sr. No.	Topic of Webinar/ workshop	Activity Conducted Under	Faculty In charge
1	One day Seminar on “Intellectual Property Rights: Patenting in India”	IEEE club	D.K. Shende
2	Seminar on Data Science	IETE Students and Staff	D.K. Shende
3	One Week State Level Short Term Training Program on “Components and Application of IoT”	IETE Students and Staff	D.K. Shende
4	Subject day celebration of wireless networks by BE (E&TC students)	IETE Students and Staff	D.K. Shende
5	Subject day celebration of wireless networks by BE (Computer)	IETE Students and Staff	D.K. Shende
6	IEEE TECHNICOKNOCKDOWN 2021	E&TC staff ,IETE and IEEE Students	D.K. Shende V.s.Baste
7	STTP on Statistics and AI ML	IEEE club	V.s.Baste
8	Guest lecture on industrial exposure to AI and ML	IEEE club	V.s.Baste
9	1 week FDP –Green and Secure communications	IEEE club	V.s.Baste
10	F.E Induction	IEEE club	V.s.Baste



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

VAIBHAV SANJIV PATIL

for successfully completing the course

Programming in Java

with a consolidated score of **93** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	43.17/50
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Total number of candidates certified in this course: **3157**



Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS58S51110029 To validate and check scores: <https://nptel.ac.in/noc>

सिंहगड संकुलमध्ये 'बौद्धिक संपदा' विषयावर वेबिनार

कुसगाव बुद्रुक, दि. १६ (बार्ताहर) - निवृत्ती बाबाजी नवले वाणिज्य व विज्ञान महाविद्यालय (लोणावळा) येथे 'बौद्धिक संपदा अधिकार- भारतीय पेटेंट' याविषयी व्याख्यान आयोजित करण्यात आले होते. वाणिज्य शाखेच्या विद्यार्थ्यांसाठी हे व्याख्यान घेण्यात आले होते. प्रा. दीपाली शेंडे, सिंहगड इन्स्टिट्यूट ऑफ टेक्नॉलॉजी यांनी व्याख्यान दिले. कार्यक्रमांमध्ये प्रा. शेंडे यांचे स्वागत प्राचार्य डॉ. जयवंत देसाई यांनी केले. या भाषणांमध्ये त्यांनी पेटेंटचे प्रकार, महत्व आणि भारतीय पेटेंट मिळविण्यासाठी अजं कसे करावे, काय लिहावे, लॉग इन, नावीन्यपूर्ण संशोधनबद्दलची माहिती प्रकाशित दिली. जिआॅग्राफिकल इंडिकेशन, ट्रेडमार्क, पेटेंट यामधील फरक स्पष्ट करून भारतीय पेटेंट कशाप्रकारे प्रत्यक्षरित्या मिळविता येते, याचे स्वानुभव कथन केले. या वेबिनारमध्ये १०० विद्यार्थी व शिक्षकांनी लाभ घेतला. सूत्रसंचालन डॉ. उर्मिला पाटील यांनी केले. या संबंधीची तांत्रिक जबाबदारी प्रा. राजेश कंझडे, प्रा. खेण नवले यांनी सांभाळली.

प्रभात Wed, 17 February 2021
<https://epaper.eprabhat.net/c/58486789>

SINHGAD TECHNICAL EDUCATION SOCIETY'S
NIVRUTTI BABAJI NAVALE COLLEGE OF
COMMERCE & SCIENCE, Lonavala

One Day Seminar on

INTELLECTUAL PROPERTY RIGHTS: PATENTING IN INDIA



Keynote Speaker
Prof. Dipali Shende,
SIT-Lonavala
Organized by
IQAC
NBNCOCs, Lonavala

Date- 15th Feb. 2021
Time 11.30 am TO 12.45 pm on
Microsoft Teams

ACHIVMENTS OF FACULTY

Congratulations to Dr. D.D.Chaudhary ,Mrs.D. K. Shende and Mrs. V.S. Baste For Patent Filed and Published



Received International Adroit Teacher award 2021 by Green Tinker society on 22nd May 2021.

Successfully Completed IIT BombayX-Lakshya MOOC Course on “LaTex101x” with A+ grade during Jan to May2021.



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