



**Sinhgad Technical Education Society's**  
**SINHGAD INSTITUTE OF TECHNOLOGY**

(Affiliated to University of Pune and Approved by, AICTE, New Delhi.)  
Gat No. 309/310 , Kusgaon (BK), off Mumbai –Pune, Expressway.  
Lonavala, Pune, 410401, Website : [www.sinhgad.edu](http://www.sinhgad.edu)

**Department of Electronics and Telecommunication Engineering**

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**Department of Electronics and Telecommunication Engineering**

## **Activity Plan of E &TC Department**

<b>Academic Activities</b>	<b>Co-Curricular Activities</b>	<b>Faculty Development And Industry Interface</b>
<ul style="list-style-type: none"><li>• <b>Teaching Plan.</b></li><li>• <b>Self-Learning Sessions.</b></li><li>• <b>Attendance</b></li><li>• <b>Teacher Guardian Scheme</b></li><li>• <b>Continuous Assessment</b></li><li>• <b>Need based in house Training Programmers</b></li><li>• <b>Continuous Up-gradation of Laboratories &amp; Departmental library</b></li><li>• <b>Open Feedback</b></li><li>• <b>Unit Tests, Prelim Examination</b></li><li>• <b>Well defined Internal Assessment Scheme</b></li></ul>	<ul style="list-style-type: none"><li>• <b>LCD Presentations</b></li><li>• <b>Group Discussion</b></li><li>• <b>Departmental Activities</b></li><li>• <b>Invited talks by Industry Experts/Corporate /Academicians</b></li><li>• <b>Technical quizzes / Techtonic</b></li><li>• <b>Industry Projects / Project exhibitions</b></li><li>• <b>College / Wall Magazine</b></li><li>• <b>Social / Cultural Programs / Sport</b></li></ul>	<ul style="list-style-type: none"><li>• <b>In-house Training (Personal Interactions, Meetings / quality improvement workshops)</b></li><li>• <b>Industry exposure[MOU]</b></li><li>• <b>Participation in workshops conducted by Industries / other institutes of eminence</b></li><li>• <b>Motivation for higher Education</b></li><li>• <b>Campus Connect / extension programs</b></li><li>• <b>Industrial visits</b></li><li>• <b>Training &amp; Placement Activities</b></li><li>• <b>Seminars &amp; Conferences</b></li></ul>

## Intake

Sr. No.	Course	Intake
1.	U.G. Courses	120
<b>Total</b>		<b>120</b>

## Actual Admitted Students

Sr. No.	Class	Boys	Girls	Number of students
1.	SE	12	6	20
2.	TE	35	9	44
3.	BE	93	34	127
<b>Total</b>		<b>140</b>	<b>49</b>	<b>191</b>

## University Results of Semester-I (2020-21)

Class	E&TC
SE	100%
TE	100%
BE	100%

## Faculty Position

Professors	Associate Professor	Assistant Professor	Total
03	02	17	21

## PHD registered faculty members

Sr. No.	Name of the Faculty	University/Institute
1.	Prof. S. S. Patil	Aalborg Univ. Denmark
2.	Prof. V. G. Rajeshwarkar	JNTU, Hyderabad
3.	Prof. P. R. Dike	VTU, Belgaon
4.	Prof. D.B.Patil	VTU, Belgaon
5.	Prof. M.S.Raut	VIT, Chennai
6.	Prof. M.K.Bhosale	Shivaji University, Kolhapur
7.	Prof. D.K.Shende	JSPM, Pune
8.	Prof. S. K. More	VTU, Belgaon
9.	Prof. S. D. Shinde	SCOE, Pune
10.	Prof. V. S. Baste	BSCOER, Pune



## Faculty Details

Sr. No.	Name Of Faculty	Designation	Qualification	Total Experience / Experience in SIT	Date of Joining
01	Dr. M. S. Gaikwad	Principal	Ph. D. M.E. (Electronics)	36(5)	02/05/12
02	Dr. D. D. Chaudhary	Professor & Vice Principal	Ph. D. M.E. (Electrical)	36(14)	26/12/06
03	Dr. D. S. Mantri	Professor	Ph. D. M.E. (Electronics)	27(15)	03/07/06
05	Prof. S. S. Patil	Assoc. Prof.	Ph. D. Pursuing M.E. (Electronics)	25(15)	15/06/06
06	Dr. S. B. Gholap	Assoc. Prof.	Ph. D. M.E. (Electronics)	26(16)	15/06/06
07	Prof. P. R. Dike	Asst. Prof.	Ph. D. Pursuing M.E.(Electronics)	16(15)	06/07/05
08	Dr. R. V. Babar	Asst. Prof. & PG Coordinator	Ph. D. M.E. (E&Tc)	17(15)	10/07/06
09	Prof. P. A. Kambale	Asst. Prof.	M.E. (Electronics)	15.6(14.6)	02/01/07
10	Prof. S. S. Bhardwaj	Asst. Prof.	M.E. (Electronics)	17(14)	27/01/07
11	Prof. V. S. Baste	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	16(14)	01/08/07
12	Prof. D. K. Shende	Asst. Prof.	Ph. D. Pursuing M.E. (VLSI and Embedded Sys. )	17(13)	01/01/08
13	Prof. A. A. Labade	Asst. Prof.	M.Tech.(E&TC)	17(13)	14/07/08
14	Prof. V. G. Rajeshwarkar	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	23(11)	15/06/10
15	Prof. S.K. More	Asst. Prof.	Ph. D. Pursuing M.Tech. (Electronics)	11(10)	18/07/11
15	Prof. M. K. Bhosale	Asst. Prof.	M.E. (Electronics) Perusing PhD	10(10)	02/07/12
16	Prof. S. A. Bhad	Asst. Prof.	M.E. (Electronics)	16(9)	02/07/12



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### Department of Electronics and Telecommunication Engineering

17	Prof. D. N. Duche	Asst. Prof.	M.E.	12(8)	24/06/13
18	Prof. D. B. Patil	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	11(8)	01/07/13
19	Prof. M. S. Raut	Asst. Prof.	M.Tech. (Control System)	8	29/07/13
20	Prof. S. D. Shinde	Asst. Prof.	Ph. D. Pursuing M.E. (E & TC)	12(7)	25/06/14
21	Mrs. Kothawade	Asst. Prof	M.E. (VLSI & Embedded)	15	27/06/2018

### Non-Teaching Staff

Sr. No.	Name Of Faculty	Designation	Qualificati on	Total Experience/ Experience in SIT	Date of Joining
01	Mrs. Arati Jadhav	TA	DECE	21(13)	16/06/08
04	Ms.Chetali Mhetre	TA	BE	4	17/7/2017
03	Mrs. Asmitha Deshmukh	LT	BE	24(17)	1/6/2004
04	Ms.Dipali Mali	LA	BSC	5	4/11/2015

\*TA-Technical Assistant

\*LA-Lab Assistant

### **Funded Research Projects**

<b>A.Y.</b>	<b>Name of Faculty</b>	<b>Title of Project</b>	<b>Funded By</b>	<b>Amount of Funding in Rs.</b>
2014-15	Dr. S. D. Nawle (for Post Doctorate)	RFID Tag	Erasmus Mundus Mobility for Life	12,96,000/-
2010-15	Ms. S. S. Patil	Energy Aware Management for IOT	STES	75,20,314/-
	Mr. D. S. Mantri	Energy Efficient Band Width Management System In Wireless Sensor Network		
	Mrs. V. M. Rohokale	Energy Efficient Authentication And Authorization For Multimode Cooperative And Reliability		
	Mrs. J. R. Gangane	SC-FDMA Performance With Diversity Techniques Over Land Mobile Satellite Channel	European commission	15,00,000/-
2012-14	Prof. R.V.Babar	Synthesizing FPGA Core for Software Defined Radio	BCUD, SPPU, Pune	2,64,000/-
2014-16	Mr. S.B. Gholap	Cognitive Radio Test Bed For Spectrum Sensing Application	BCUD, SPPU, Pune	1,50,000/-
2020-21	Prof. V. S. Baste	Spreading Brightness Through Sustainability -solar lamp and awareness training for rural areas.	IEEE HAC,USA and Bombay section	\$500
05-Jan-2021	Prof. D. K. Shende	Optimization Model : Based Intelligent Device with Energy and Trust Aware Multicast Routing for IOT Application using PYTHON.		3,00,000/-

### Consultancy and funding

Sr.No.	Date	Name of the Staff	Activity/Event	Venue
01	10-06-2017	Dr. V.V. Deotare	Consultancy for the development of animated study material for VLSI subject-RS25,000/-	Ancienses Technologies ,Talegaon Dabhade,Pune
02	10-06-2017	Prof. P.R. Dike	Consultancy for the development of animated study material for Signal and system subject-RS25,000/-	Ancienses Technologies ,Talegaon Dabhade,Pune
03	10-06-2017	Prof. S.N. Shinde	Consultancy for the development of animated study material for Signal and system subject-RS25,000/-	Ancienses Technologies ,Talegaon Dabhade, Pune
04	15-04-2017	Prof. S.B. Gholap	Received BCUD grant for project “Cognitive Radio Test-Bed for Spectrum Sensing Application”	SPPU, Pune
05	08/03/2019	Prof. D.K.Shende/ Prof.P.R.Dike	National Workshop On “IOT: Transformation in Engineering Education for Digital India” RS1,80,000/-	SPPU, Pune
06	2020-21	Prof. V. S. Baste	Spreading Brightness Through Sustainability -solar lamp and awareness training for rural areas. \$500	IEEE HAC,USA and Bombay section
	05-Jan-2021	Prof.D.K.Shende	Optimization Model :Based Intelligent Device with Energy and Trust Aware Multicast Routing for IOT Application using PYTHON. RS. 3L	ASPIRE BCUD Applied



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## Department of Electronics and Telecommunication Engineering

### Significant Achievements by Staff:

#### Staff Achievements Summary

Category	Patent	Books published	Funding	Appreciation from outside world	Interaction with outside world ( Guest Lecture/ Reviewer/Session chair/Syllabus design)	Institute level Appreciation
Total No.	04	03	02	14	25	29

#### Patent

Sr. No	Date	Name of The staff	Activity/ Event	Venue
1	25-Jun-2021	Dr.D.D. Chaudhary	Patent Filed and Published titled 'A METHOD FOR EMPIRICAL RISK ASSESSMENT OF BRAIN DISORDER USING NEURAL NETWORK DIAGNOSTIC SYSTEM' Application No.202111026315A. The Patent Office Journal No. 26/2021	Indian Patent Office Journal

2	20-Nov-2020	Mrs.V.S.Baste	Published Patent on the topic Design and Development of AI Based Compact Sanitization Robot System with BE students	Indian Patent
3	01-June-2020	Mrs.D.K.Shende	Filed Patent titled Device for Rescue from Bore-well with Final Year Project Students	Indian Patent
4	07-Mar-2021	Mr.M.S.Raut	Patent filed on Mulipurpose land rover using artificial intelligence in 5g communication system	Indian patent office

### Books Published

Sr.No	Date	Name of The staff	Activity/ Event	Venue
1	March-2020	Dr.D.D. Chaudhary	Published Textbook on Electronic Product design for BE as per SPPU syllabus	SPPU
2	July-2020	Ms. Vijaya Gopalrao Rajeshwarkar	Published book for SE (E&TC) SPPU syllabus for "Electrical Circuits"	SPPU
3	28-May-2021	Mr.M.S.Raut	Published Springer Book "Optical and Wireless Technology"	Springer book

### Funding

Sr. No	Date	Name of The staff	Activity/ Event	Sponsorin g Agency	Sponsorship amount	Status of
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						<b>propos al</b>
1	14-Oct-2020	Mrs.V.S.Baste	• Spreading Brightness Through Sustainability - solar lamp and awareness training for rural areas.	IEEE HAC,USA and Bombay section	\$500	complete d
2	05-Jan-2021	Mrs.D.K.Shende	Optimization Model :Based Intelligent Device with Energy and Trust Aware Multicast Routing for IOT Application using PYTHON.	ASPIRE BCUD	3L	Applied

**Appreciation from outside world**

<b>Sr.No</b>	<b>Date</b>	<b>Name of The staff</b>	<b>Activity/ Event</b>	<b>Venue</b>
2.	4-Dec-2020	Dr. D. S. Mantri	Appreciation As “Team Mentor” in the Post-covid 19 Rehabilitation Hackathon (project presentation)	IEEE Bombay Section
3	22-May- 2021	Mrs.D.K.shende	Received International Adroit Teacher award 2021 by Green Tinker society	Government of Panjab India

4	22-Mar-2021 to 26-Mar-2021		Received Appreciation certificate for One week state level STTP conducted on IoT development with Node Red as Resource Person	IETE Pune
5	24-Apr-2021 to 25-Apr-2021		The Guinnesss World record Event -Most users to take an online computer programming lesson in 24 hours	GUVI tech
6	26-Jan-2021 to 28-May-2021		Succesfully completed and secure grade A+ in Latex101x:LateX for students,Engineers and Scientists	Organized by IITBombayX,an online learning initiative of IIT,Bombay

**Interaction with outside world**  
**( Guest Lecture/ Reviewer/Session chair/Syllabus design)**

Sr. No	Date	Name of The staff	Activity/ Event	Venue
4.	08-Feb-2021 to 13-Feb-2021	Dr.D.S.Mantri	Delivered session in national STTP “Internet of Things and Artificial Intelligence in Smart Communication and Networking	QIS College of Engineering & Technology (Autonomous)
6	2-Feb-2021		Delivered session in Faculty Orientation Program	AIT College of Engineering- FOA-SPPU
8.	21-May-2021		Delivered session on Industry 5.0: A human Centric Approach	E symposium IILM college , Noida
9.	01-June-2021		Webinar on Introduction to IOT and Applications	PES Modern College of Engineering, Pune



11.	20 June-2021	Dr.R.V.Babar	Reviewer for e-National Conference on Advances in Modern Technologies of Multidisciplinary Research in Engineering Field (AIMTMREF).	SKNSITS, Lonavala
13	6-June-2021		Delivered webinar on “VLSI Design” to S.Y.and T.Y. students	Shivaji Polytechnic, Sangola
14	15-May2021	Mrs.V.S.Baste	Delivered Expert session on Problem Solving techniques of BCH and RS code	SNJB’s Late Sau Kantabai Bhavarlalji jain COE,Chandwad,Nas hik
15	28-Apr-2021		Received appreciation from IEEE sight Bombay section for delivering session for “SIGHT DAY CELEBRATION on the topic of IEEE HAC sponsor project – Experience sharing of being a member of working on a project	IEEE Sight Bombay Section
16	21-Feb-2021		Participated in “Competition for budding Innovators” for final Evaluation organized by IEEE Sight, Bombay Section	IEEE Sight, Bombay Section
17	2020	Mrs.D.K.shende	Reviewer of International Journal of Creative Research Thoughts IICRT	Maharashtra

18	30-Apr-2021		Received Appreciation certificate as expert lecture on topic “IoT development with Node Red”	Sandip Foundation Nashik
19	15-Feb-2021		Received Appreciation certificate for conducting one Day seminar on IPR: Patenting in India as Resource Person	NBNCOCS, Lonavala
20	22-Mar-2021 To 26-Mar- 2021		Received Appreciation certificate for One week state level STTP conducted on IoT development with Node Red as Resource Person	IETE Pune
21	24 Jul-2021		Application of IoT	NMIT, Talegaon
22	4-Dec-2020.	Prof. Dipashree Duche	As “Team Mentor” in the Post-covid 19 Rehabilitation Hackathon (project presentation)	IEEE Bombay Section
23	09 & 10-Jun-2021	Dr.S.B.Gholap	Subject Chairman and Paper setters of Savitribai Phule Pune University.	
25	17-Mar-2021	Ms.S.S.Patil	Noise in communication Engineering	Guest Lecture, at JSPM COE, Pune

#### Staff Achievements at Institute level

Sr. No	Date	Name of The staff	Activity/ Event	Venue
1	From Aug-2016 to Till Date	Dr.D.D. Chaudhary	Worked as a key member for NBA,NAAC,and	SIT,Lonavala



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			working as IQAC coordinator	
2	15-Mar-2021 to 19-Mar-2021	Dr.D.S.Mantri	Delivered session in FDP Green & Secure Communications	SIT, Lonavala
3	30-May-2021		Convener of National level student Conference on TKD21	SIT,Lonavala
4	01-Jan-2020	Dr.S.B.Gholap	Ph.D. In Electronics from RMNU	RTMNU, Nagpur
5	30-May-2021		Certificate of appreciation for Reviewer for TKD-21	SIT, Lonavala
6	30-May-2021		Coordinated National level student Conference TKD21	SIT, Lonavala
7	04-Apr-2021		Worked as Session Coordinator in 6th International Conference for Convergence in Technology (I2CT)	SIT,Lonavala
8	30-May-2021	Dr.S.B.Gholap	Session coordinator in IEEE TKD-21 National conference	SIT,Lonavala
9	30-May-2021	Mrs.V.S.Baste	Coordinated National level student Conference TKD21	SIT,Lonavala
10	04-Apr-2021		Worked as Session Coordinator in 6th International Conference for Convergence in Technology (I2CT)	SIT,Lonavala
11	30-May-2021		Convener for National conference	SIT,Lonavala

			IEEE Technico Knockdown2021 (TKD21) in association with IEEE Bombay section,IEEESITSB and IETE,	
12	April-2021		PhD pursuing[Two Progress Completed]	SPPU,Pune
13	30-May-2021		Received reviewer certificate for review AI&ML track paper in National Conference TKD21	SIT Lonavala
14	30-May-2021		Session coordinator in IEEE TKD-21 National conference	SIT,Lonavala
15	30-May-2021		Received reviewer certificate for review IOT track paper in National Conference TKD21	SIT Lonavala
16	April 2021		PhD pursuing[Four Progress Completed]	SPPU,Pune
17	30-May-2021	MRs.D.K.Shende	Session coordinator in IEEE TKD-21 National conference	SIT,Lonavala
18	28-May-2021		Delivered Guest lecture Embedded RTOS	SIT,Lonavala
19	30-May-2021		Coordinated National level student Conference TKD21 at SIT Lonavala on	SIT,Lonavala
20	04-April-2021	Prof. .P. R. Dike	Worked as Session Coordinator in 6th International Conference for	SIT,Lonavala

			Convergence in Technology (I2CT)	
21	30-May-2021		Coordinated National level student Conference TKD21 at SIT Lonavala on	SIT,Lonavala
22	30-May-2021		Session coordinator in IEEE TKD-21 National conference	SIT,Lonavala
23	25-May-2021.	Prof. Dipashree Duche	Judge in Expression–Presentation Competition in state level event for diploma students at “TechExhibit’21” (paper Presentetion)	SIT,Lonvala
24	04-Apr-2021	Mr.V.M.Chavan	Worked as Session Coordinator in 6th International Conference for Convergence in Technology (I2CT)	SIT,Lonavala
25	30-May-2021		Worked in Conference Publication team Of Online National level Student Conference IEEE Technicoknockdown -2021 (TKD)	SIT,Lonavala
26	30-May-2021	Ms. Vijaya Gopalrao Rajeshwarkar	Reviewer, Reviewer for GICT track papers in National Conference TKD21.	SIT,Lonavala

## Achievements by Students

### Significant Achievements by Students:

Sr.No	Date	Classes	Name of The Student	Activity/ Event
<b>PATENTS</b>				
1	20/1/2020	BE	Darshan Wankhede, Dnyaneshwar Tandale	Published Patent on the topic Design and Development of AI Based compact sanitization Robot System, Date of filling of application:02/11/2020,Application number:202021047688A,Patent no:202021047688 Publication
2	07/03/2021	BE	Sayali Gurav	Patent filed Multipurpose land rover using artificial intelligence in 5gcommunication system
<b>CERTIFICATIONS</b>				
3	DEC-2020	TE	Atharva Allewar	Appreciation and rewarded by swag from cyber gravity solution
4	7/05/2020	BE	Shubham Takwale	IOT Certification Arduino Basics Workshop
5	8/05/2020	BE	Shubham Takwale	IOT certification Basics of IOT Webinar
6	15/06/ 2021	BE	Pratik Singh	Object Localization with Tensor Flow certification
7	17/07/2020	BE	Pravin Gupta	Google cloud certification

8	SEP –DEC 2020	TE	Vaibhav Sanjiv Patil	NPTEL online Certification PYTHON (Score 78%)
9	SEP –DEC 2020	TE	Vaibhav Sanjiv Patil	NPTEL online Certification JAVA (Score 93%)
10	SEP –DEC 2020	TE	Vaibhav Sanjiv Patil	NPTEL online Cloud computing JAVA (Score 71%)
11	SEP –DEC 2020	TE	Lochan Sawant	NPTEL online Certification PYTHON (Score 78%)
12	2/01/2020	TE	Vaibhav Sanjiv Patil	Certificate course in C Programming (score 85 %)
13		TE	Vaibhav Sanjiv Patil	1.Elite certification _NPTEL online certification for 3 subjects 2. Internship certificate Suven consultant's pvt.ltd.
14	10/02/2021	BE	Shubham Takwale	LinkedInCertifications: Advanced Design Patterns: Design Principles
15	10/02/2021	BE	Shubham Takwale	LinkedIn Certifications Programming Foundation: Algorithms
16	30/05/2021	BE	Shubham Takwale	LinkedIn Certifications Programming Foundation: Object-Oriented Design
17	30/05/2021	BE	Shubham Takwale	LinkedIn Certifications Python Essential Training
18	27/05/2021	BE	Shubham Takwale	LinkedIn Certifications Python Quick Start
19	15/06/2021	BE	Pratik singh	Object Localization with TensorFlow certification

20	30/06/2021	BE	Dnyaneshwar Tandale	Certificate Program in Python Programming
<b><u>WORKSHOPS/HANDS ON TRAINING/COURSES</u></b>				
21	8/08/2020	SE	Lucky Singh	Hands on training Microsoft teams
22	22/05/2020	TE	Lochan Sawant	Online course: Introduction to HTML5
23	11/9/2020	TE	Sayali Gurav	Training_ AWS Cloud Practitioner Essentials (Second Edition)
24	SEP 2020	TE	SHIVAM KUMAR JHA	Learning the course of "8086 Microprocessor" on our e-Learning platform.
25	27-29 SEP 2020	TE	Ritwik Bhaskar	Workshop on industrial electronics
26	4-7 MAY 2020	TE	RITVIK BAHIRWAR	Workshop on aurdino basic
27	27-29 SEP 2020	TE	Mohit sakhare	Workshop on industrial electronics
28	15/10/2020	BE	Prithvi Karkera	German language Course (Level 1)
29	26-30 APRIL 2021	TE	Lochan Sawant	Workshop on aptitude preparation
30	APRIL 2021	BE	Shubham Takwale	GOOGLE Cloud Ready Facilitator Program: 1)Milestone_1 2)Milestone_2 3)Milestone_3 4)Milestone_4
31	AUGUST 2021	BE	Darshan Wankhede	One month internship as a Digital Marketeer and Graphic Designer with Sunraj India Corporation



32	8-13 FEB 2021	BE	Dnyaneshwar Tandale	Essential Program in Artificial Intelligence and Machine Learning(15hrs)
<b>QUIZ/COMPETITIONS</b>				
33	24/03/2021	SE	Lucky singh	QUIZ on digital circuits
34	21/02/2021	BE	Darshan Wankhede, Dnyaneshwar Tandale	Participated in “Competition for budding Innovators” on for final Evaluation organized by IEEE Sight, Bombay Section
<b>PAPER PUBLICATIONS</b>				
35	30/05/ 2021	BE	Shivam kumar jha	Voice-Controlled Assistant
36	30/05/ 2021	BE	Sayali gurav	Multipurpose rovar using IOT
37	30/05/ 2021	BE	Pratik singh	Tech-Vision for Blind People - Interaction with Environment and Object
38	30/05/2021	BE	Pravin gupta	Multipurpose land rover using AI
39	30/05 /2021	BE	Ritvik Bahirwar	Spying RoboCrawler
40	30/05/2021	BE	Mohit sakhare	Voice commanded robot
41	30/05/2021	BE	Pranita Holasmbare	Automatic Sanitization System For Transportation And Auditorium

42	30/05/2021	BE	Dnyaneshwar Baliram Tandale	Intelligent Sanitization robot
43	30/05/2021	BE	Nilesh Tejaram Bagde	An Automatic Solar Panel Cleaning System
44	30/05/2021	BE	Shrutika Sorte	IoT based thief detection and surveillance system using raspberry pi
45	30/05/2021	BE	Tanya Singh	A Smart Prioritized Ambulance Service With Intelligent Traffic Control System
46	30/05/2021	BE	Tathagat	Development of Autonomous Quadruped Robot
47	30/05/2021	BE	Pranay dole	Research Paper for self balancing robot
48	30/05/2021	BE	Umakant Chilhate	Mesuring and Monitoring of Chemical Reactor Using PLC
49	30/05/2021	BE	Kunal Arun Pohane	Robotic Arm
50	30/05/2021	BE	Darshan Wankhede, Dnyaneshwar Tandale	Artificial Intelligence Based Compact Sanitization Robot
51	30/05/2021	BE	Mayuri Deshmukh	Comatose Patients Monitoring System
<b>INTERNSHIPS</b>				
52		TE	Aishwarya vhatkar	Online Internship Housing wire and electronics design circuit
53		TE	Sonali Gupta	Online Internship Housing wire and electronics design circuit

54		TE	Mansi Dabhade	Online Internship Housing wire and electronics design circuit
55		TE	Ashwin Waghmare	1. Online Internship Housing wire and electronics design circuit 2. PCB design workshop attended
56		TE	Shubham Parab	Online Internship Housing wire and electronics design circuit
57		TE	Dhruv Kumar	Online Internship Housing wire and electronics design circuit
<b>OTHER VALUABLE ACHIEVMENTS</b>				
58		BE	Shambhavi Jha	Represented Lonavala Campus in the IEEE Bombay Section
59	20/10/2020	BE	Tathagat	Won 2 <sup>nd</sup> prize in IEEE R10 SYWL for best technical poster design contest hosted by IEEE R10 (Asia Pacific). Was given Cash award of 250\$ and Promotion
60	26/06/2020	BE	Tathagat	Got selected into IEEE Bombay Section SAC as tech team member in 2020 (5 <sup>th</sup> sem).
61	1 MAY-10 AUG 2020	BE	Tathagat	Participated in Asia level Graphic design contest 100dayschallenge in 2020. Got commendation from multiple companies and freelancing appreciations.
62	21 JULY -13 AUG 2020	BE	Tathagat	Participated in International character design contest, hosted by German brand stinkefingereinhorn in 2020. Completed 4-5 stages and got commendation.  Organized and participated in tree plantation drive “Taru Sankalp” under IEEE SIT SB in 2020.
63	10 AUG 2020-10 JUNE 2021	BE	Tathagat	Selected as Campus ambassador for International Model United Nations IMUN 2020 for SIT lonavala.
64	24/03/2021	BE	Tathagat	Got promoted to the post of SECTION STUDENT REPRESENTATIVE in which my role is to lead and manage all student branches and IEEE student members in Maharashtra, MP, Chhattisgarh, and Goa.

65	30/05/2021	BE	Tathagat	Presented Research paper on development of autonomous quadruped robot in IEEE TKD-21, published under ISBN 978-81-992245-3-6.
66	16/03/2021	BE	Sumit Chandrashekar Rukhmangad	3. Participated in Paper presentation Competition organized by VNIT, Nagpur under Tech fest AXIS 2021
67	31 JAN-2 FEB 2020	BE	Sumit Chandrashekar Rukhmangad	Took part in First Tech 2020 Challenge Robotics competition. Team name Technation I mentored and trained students for India's one of the biggest robotics competition. Gathered sponsorship of approx. INR 2,00,000/- from Qualcomm and InfinityX with the help of Shala Amchi Tumchi NGO.
68	29 MAR - 29 JUN 2020	BE	Sumit Chandrashekar Rukhmangad	Artificial Learning Training of 140hrs organized by DELL
69	26/06/2020	BE	Sumit Chandrashekar Rukhmangad	Hackerrank Basic Python Certificate
70	23/05/2021	BE	Sumit Chandrashekar Rukhmangad	Completed Foundational Artificial Intelligence an industry recommended and validated course aligned to SSC NASSCOM Foundation AI curriculum
71	19/04/2021	BE	Sumit Chandrashekar Rukhmangad	Intern at whiteHat jr as Pre sales Intern.

## Activity Incharges of E &TC Department

Sr. No.	Name of the Faculty	College level Activity	Department level Activity		
			1	2	3
1	Dr.Chaudhary D.D.	Vice-Principal	HOD	NAAC	
2	Dr.Mantri D.S.	NBA	NBA	NAAC	Admission Co-ordinator
3	Dr.Gholap S.B.	—	R&D Coordinator, Consultancy & Funding,	NBA, NAAC,FDP,WS	Admission Co-ordinator
4	Dr.Babar R.V.	PG Dean, Ranking	Project Coordinator , Patent Coordinator	IE Coordinator,	Admission Co-ordinator
5	Prof.Patil S.S.		STP Coordinator	Vodafone Club	Admission Co-ordinator
6	Prof.Dike P.R.		WS/FDP/STTP/Conferences Attended / Conducted (For Students)	QAP, Parent Meet	Admission Co-ordinator
7	Prof.Kamble P.A.	Foreign Language	Spoken Tutorial	STP-II,Business Club	Admission Team Members
8	Prof.Baste V.S.	IEEE Co-ordinator	WS/FDP/STTP/Conferences Attended / Conducted (For Staff)	UOP Exam Coordinator (Practical/Insem)	Admission Team Members
9	Prof.Shende D.K.	—	IETE	Facebook Updation	Admission Team Members
10	Prof.Labade A.A.	—	Time-Table Incharge. Industrial Visit	Subject Days Celebration	UOP exam (Pract/Insem)
11	Prof.Rajeshwarkar V.G.	—	ISTE, PBL	Coordinator, TG Coordinator	Admission Team Members
12	Prof. More S.K.	—	e-SITzen Club, Dept. Library, STP-4 Co-ordinator	Academic Report, Dept. Activity monitoring,	Admission Team Members
13	Prof.Bhosale M.K.	—	Wall Magazine,Dept & SPPU TH Exam coordinator	NPTEL ,News Letter	E-Exam Portal (Internal Tests)
14	Prof.Bhad S.A.	Engineering Science Dept			
15	Prof.Jadhav M.S.	—	T & P, Internship , ED Coordinator	Alumini Meet, VAP,	Admission Team Members
16	Prof.Duche D.N.	—	Dept.Exams, SPPU TH Exam Co-ordinator	Remedial Classes,	Kshitij, Publications



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## Department of Electronics and Telecommunication Engineering

17	Prof.Patil D.B.	Student Welfare Coordinator	Online FeedBack,TW Co-ordinator	Alumini Guest Lecture,CCC	Admission Co-ordinator
18	Prof.Raut M.S.	Techtonic Head,CCC Head	Gate, GRE, TOEFL/AMCAT	MOU's,IIC	Admission Team Members
29	Prof.Shinde S.D.	Engineering Science Dept	Admission Team ,Members		

### Summary of the Event:

Event	No of Staff	Abbreviation	Event	No of Staff	Abbreviation
Publication	18	P	National Conference	-	NC
Consultancy	-	CN	International Conference	1	IC
Funding	2	F	Faculty Development Programme	6	FDP
Short Term Training Programme	2	STTP	Workshop	10	W

**INDEX**

Sr. No.	Particulars	Activity In-charge	Page No.
1.	IEEE Students Chapter	Prof. V. S. Baste	28
2.	IETE Students and staff Chapter	Prof. Mrs. D. K. Shende	51
3.	IE Student Chapter	Prof. R.V. Babar	64
4.	ISTE STAFF & Students Chapter	Prof. Mrs. V.G.	67
5.	e-Citizen's Club Events in Department	Prof. Mrs. S. K. More	68
6.	Spoken tutorial	Prof. P.A.Kamble	77
7.	Vodafone Student Club	Prof. Ms. S.S. Patil	78
8.	Guest Lecture	Prof. Ms. P.A.Kamble	79
9.	Training and Placement & AMCAT	Prof. M. S. Jadhav	81
10.	Gate Forum	Prof. M.S. Raut	87
11.	Business Club Events in Department	Prof. P.A.Kamble	90
12.	Value Addition Programs	Prof. S.A. Bhad	91
13.	Publications	Prof. D.N.Duche	92
14.	Projects in Final Year	Prof. R.V. Babar	93
15.	Wall Magazine	Prof. M. K. Bhosale	95
16.	Workshops/STTP/FDP/Guest Lecture	Prof. V.S.Baste/ P.R.DIKE	98
17.	Soft Skill	Prof. Ms. S.S. Patil	118
18.	Teacher Guardian	Prof. Rajeshwarkar V.G.	122
19.	Departmental Library	Prof. S.K.More	124
20.	Research Center	Prof. S.B.Gholap	125
21.	Internship	Prof D.B.Patil	130

**Dr. D. D. Chaudhary**

**(Vice-Principal & HOD E&TC)**



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### IEEE STUDENT CHAPTER

#### Outcome:

- To encourage entrepreneurship in the young and developing minds.
- By involving in Entrepreneurial Development Cell activities, students will Get encouraged to develop entrepreneurial qualities
- To promote innovation and inspiring path-breaking ideas
- Demonstrate the ability to recognize a business opportunity that fits the individual student
- To promote development of skills and competence required to become an entrepreneur
- Demonstrate the ability to provide a self-analysis in the context of an entrepreneurial career
- To provide opportunities to learn and excel
- Students growth
- To provide guidance and information to set up new business
- ability to recognize a business opportunity that fits the individual student
- To provide the networking platform consisting of mentors and venture capitalists.
- Create an appropriate business model

**PEO'S: I,II,IV,V,VI**

**Program Outcomes: d, e, f, g, h, I, j,k**



### Summary sheet of Events

Sr. No.	Name of Event	Activity Conducted Under	Type of Activity	Page No.
01	F.E Induction	IEEE Student Chapter	FE Induction	30
02	STTP on Statistics and AI ML	IEEE Student Chapter	STTP	35
03	Guest lecture on industrial exposure to AI and ML	IEEE Student Chapter	Guest Lecture	37
04	1 week FDP –Green and Secure communications in Association with IEEE Bombay section	IEEE Student Chapter	FDP	39
05	National level Student Conference IEEE TECHNICOKNOCKDOWN-2021 (TKD-21) ,organized by Dept E&TC &technically sponsored by IEEE Bombay section and IETE, Pune center in association with IEEE SITSB and IETE SIT, Lonavala	IEEE Student Chapter	National Conference	46

**Prof. V.S. Baste**  
**(IEEE STUDENT CHAPTER In-charge)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>01</b>
<b>Title:</b>	<b>F.E Induction</b>
<b>Date:</b>	29-01 TO 05-02-2021
<b>Day:</b>	Monday to Friday
<b>Objectives:</b>	Interaction with Students and Parents
<b>Venue:</b>	Google Meet
<b>Time:</b>	10am Onwards
<b>Staff Co-coordinator:</b>	Prof. V.S. Baste (IEEE SIT SB Branch Counsellor)
<b>Student Coordinator:</b>	Executive Committee IEEE SIT
<b>Event Conducted Under:</b>	IEEE SIT SB
<b>Activity Type:</b>	F.E.Induction
<b>Target Group:</b>	students of various Departments.
<b>Program Outcome:</b>	All FE Students.

### Brief Summary about Activity:

IEEE To understand whether the various sessions conducted during the one week online induction program were well received by the students or not, we conducted a feedback session after completion of program. Maximum students have appreciated our efforts through their remarks in feedback. Majority of the students liked the campus ambience, movie, trekking as well as morning Yoga sessions, because of these activities they became more familiarize with the surrounding, which helped them to cope up with the home sickness that they were feeling initially.

The feedback received from the students is shown below in the form of pie chart. Here we have summarized the information received by the students on four criteria: Excellent, Good, Satisfactory and Needs Improvement.

### Photographs of Activity:



SINHGAD TECHNICAL EDUCATION SOCIETY'S  
SINHGAD INSTITUTE OF TECHNOLOGY,  
LONAVALA

WELCOME  
to  
First Year Engineering Students  
&  
Parents

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+210 AR KJ P TL A AK GG PC

ADITYAKHESHP0005@msn... Anil Kulkarni GURURAJ SESHU GAVRI Mark Gahmed Dilep Chaudhary Prakash Chaturvedi Mayur Raj

TABLE - I First Engineering Structure for Semester-I

Course Code	Course Name	Teaching Scheme (Lectures/Weeks)		Examination Scheme and Marks										Credits									
		Theory	Practical	MCQ	SAQ	MCQ	SAQ	MCQ	SAQ	MCQ	SAQ	MCQ	SAQ	MCQ	SAQ	MCQ	SAQ						
187362	Engineering Mathematics-I	85	81	30	70	25	—	—	—	—	—	—	—	—	—	—	—	60	90				
187363	Engineering Physics/Engineering Chemistry	84	82	—	30	70	—	25	—	—	—	—	—	—	—	—	—	125	64	91	—	95	
222365	Systems in Mechanical Engineering	83	82	—	30	70	—	25	—	—	—	—	—	—	—	—	—	125	64	91	—	94	
100384	Basic Electrical Engineering (Basic Electronics Engineering)	83	82	—	30	70	—	25	—	—	—	—	—	—	—	—	—	125	64	91	—	94	
118005	Programming and Problem Solving / Engineering Mechanics	83	82	—	30	70	—	25	—	—	—	—	—	—	—	—	—	92	61	91	—	91	
118008	Workshop	—	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91
	<b>Total</b>	10	18	81	180	228	25	125	—	—	—	—	—	—	—	—	—	550	18	95	60	122	

Inclusion Program : 2 credits in the beginning of Semester-I and 1 credit in the beginning of Semester-II

Student from Group 1 will appear for exam of following subjects in semester-I

Subject	Examination Scheme			
	Pages	In Sem	End Sem	Total
1. Engineering Mathematics-I	30	70	25	125
1. Engineering Physics	30	70	—	25
1. Systems in Mechanical Engineering	30	70	—	25
1. Basic Electrical Engineering	30	70	—	25
1. Programming and Problem Solving	30	70	—	25
1. Workshop/Practical	—	—	—	25
1. Mock Exam 1	—	—	—	25
<b>Total Marks</b>				<b>650</b>

Student from Group 2 will appear for exam of following subjects in semester-I

Subject	Examination Scheme			
	Pages	In Sem	End Sem	Total
1. Engineering Mathematics-I	30	70	25	125
1. Engineering Chemistry	30	70	—	25
1. Basic Electronics Engineering	30	70	—	25
1. Engineering Mechanics	30	70	—	25
1. Systems in Mechanical Engineering	30	70	—	25
1. Workshop/Practical	—	—	—	25
1. Mock Exam 2	—	—	—	25
<b>Total Marks</b>				<b>650</b>

Teacher Guardian List & contacts 2020-21

Sr. No.	Teacher Guardian	Batch	Mobile No.	Sr. No.	Teacher Guardian	Batch	Mobile No.
01	Prof. S. P. Jadhav	A1	9657226130	16	Prof. B. M. Tayle	E1	9881816121
02	Prof. Prakash C.	A2	9022185740	17	Prof. N. A. Mhetre	E2	9395327338
03	Dr. P. S. Patil	A3	9425317701	18	Prof. S. D. Shinde	E3	8622864736
04	Prof. M. A. Waghmare	B1	9813417303	19	Prof. S. S. Patil	F1	9027344236
05	Prof. S. B. Dubade	B2	9068014011	20	Prof. M. T. J. Adkani	F2	9704612218
06	Prof. D. M. Chaudhari	B3	9948181806	21	Prof. A. N. Nandale	F3	7019909712
07	Prof. D. S. Shinde	C1	9881761286	22	Prof. S. A. Shrivastava	F4	9702884824
08	Prof. S. S. Sarode	C2	9657942768	23	Prof. G. G. Dubade	F5	9766814681
09	Prof. S. S. Mali	C3	—	24	—	—	—







*Yoga session and breathing exercises*





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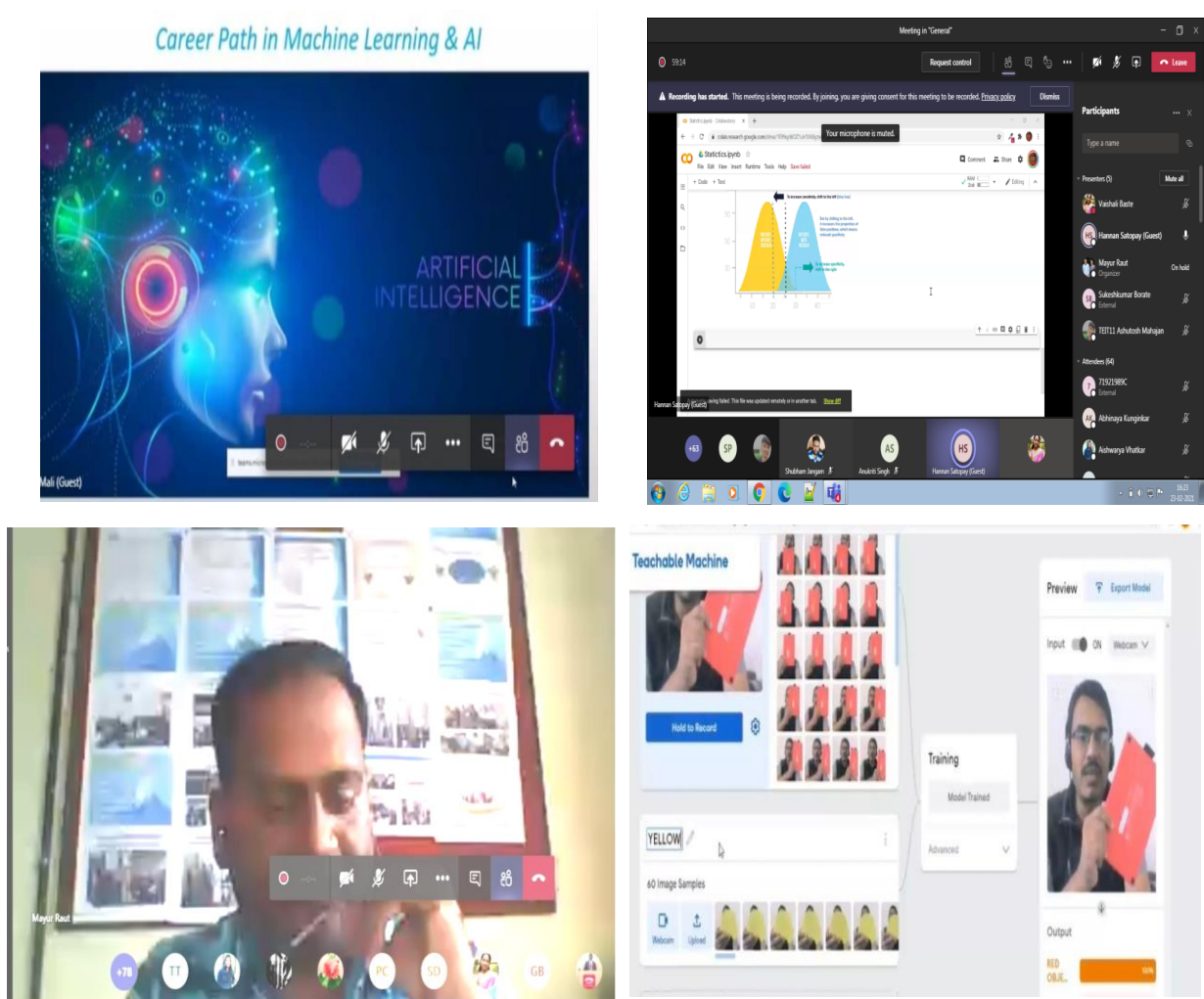
<b>EVENT NO:-</b>	<b>02</b>
<b>Title:</b>	<b>STTP on Statistics and AI ML</b>
<b>Date:</b>	22 to 26 Feb 2021
<b>Day:</b>	Monday -Friday
<b>Objectives:</b>	To help students to learn and explore about Statistics for AI & ML .
<b>Venue:</b>	Mircosoft Team
<b>Time:</b>	3:00pm to 5:00pm
<b>Staff Co-coordinator:</b>	Prof. V.S. Baste (IEEE SIT SB Branch Counsellor), Prof. M.S.Raut,Head ,Carrier Counselling center Prof .K.S.Karnekar,
<b>Student Coordinator:</b>	Executive Committee IEEE SIT
<b>Event Conducted Under:</b>	IEEE SIT SB, Carrier Counselling center Net credentials and Alhansat Technologies
<b>Resource Person:</b>	1. Mr.Hemantkumar B.Mali,Co-founder,MBro Technologies 2. Mr.Hannan Satopay,Data Scientist
<b>Activity Type:</b>	STTP
<b>Target Group:</b>	Faculty members and students of various Departments.
<b>Program Outcome:</b>	80 Students Participated.

### Brief Summary about Activity:

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 inaugration function and They welocme to participant and resource person and also address the students about new technology.Prominent personalities provided a lot of information regarding AI & ML ,besides all these there were various topics covered by Mr. Hemant kumar B.Mali & Mr.Hannan Stopay Sir. Day-1 there was keynote Session-Intro. to AI & ML by Mr. Hemantkumar sir & Mr.Hannan Stopay Sir. On Day-2 it was about hypothesis tests and statistical tests. On Day-3 the intresting topic was statistical methods and stastical processing by Mr. hannan Satopay Sir and on Day-4 Mr.hannan satopay sir covered the topic on static modeling and atlast vote of thanks was proposed by prof. K. S.karnekar sir .Students found very intresting to learn all of these , they also helped students to upgrade there skills .The speakers also answered the questions and doubts asked by students . The program was a complete success.



### Photographs of Activity:



**Conclusion:** Participants were very inspired with the word of resource persons. Participants Persons motivated with the sessions .And resource person helped them a lot to change there perspective and work towards the betterment of the future.





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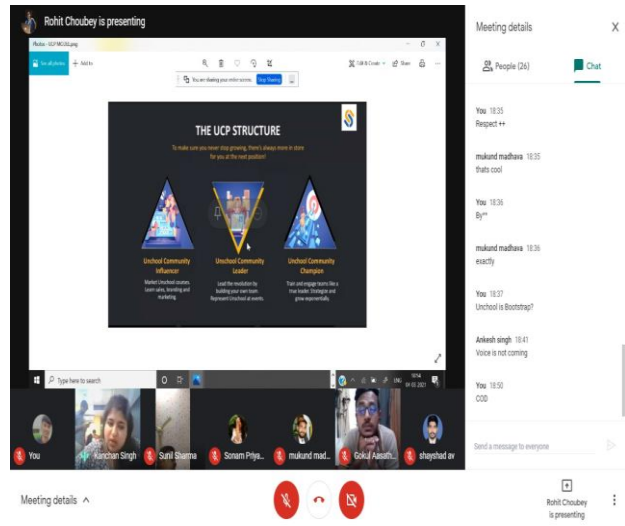
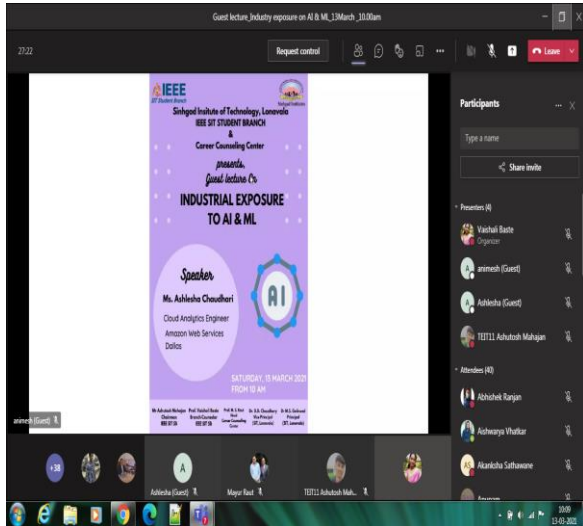
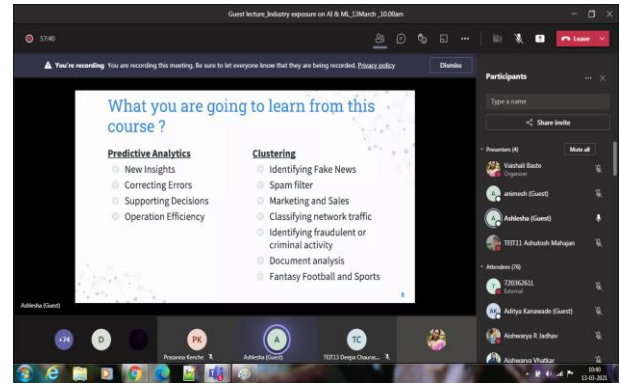
<b>EVENT NO:-</b>	<b>03</b>
<b>Title:</b>	<b>Guest lecture on industrial exposure to AI and ML</b>
<b>Date:</b>	13/03/2021
<b>Day:</b>	Saturday
<b>Objectives:</b>	To provide our students with the preface that how Artificial Intelligence and Machine Learning are used industries.
<b>Venue:</b>	Google Meet
<b>Time:</b>	10:00 AM
<b>Staff Co-coordinator:</b>	Prof. V.S. Baste (IEEE SIT SB Branch Counsellor)
<b>Student Coordinator:</b>	Executive Committee IEEE SIT
<b>Event Conducted Under:</b>	IEEE SIT SB
<b>Activity Type:</b>	Guest Lecture
<b>Target Group:</b>	Faculty members and students of various Departments.
<b>Program Outcome:</b>	200 Students Participated.

### Brief Summary about Activity:

IEEE SIT SB and Career Counseling Center ,Sinhgad Institute of technology ,Lonavala organized guest lecture on Industrial exposure to Artificial Intelligence and Machine Learning under the guidance of Prof.Vaishali Baste, Prof.Mayur Raut.Dr.M.S.Gaikwad,Principal and Dr.D.D.Choudhary ,Vice Principal and H.O.D of E&TC Department were present for inauguration function and they welcome to participant and resource person and also address the students about emerging technology. 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.

She also shared her inspirational life journey and guided the participants that how they could also peruse their higher studies abroad and ways by which they could also be able to built a successful career in this field. Beside all of these topic she also very gracefully solved all of the doubts of the participants regarding the topics included. Participants were very attentive during the webinar and were satisfied by the answers given by our guest. It was quit interactive and satisfying session. The program was completed successfully.

### Photographs of Activity:



**Conclusion:** Participants learned about Industrial Exposure to AI & ML. The guest guided the participants well regarding the topics and helped them to get their thoughts clear regarding the topic.



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<b>EVENT NO:-</b>	<b>04</b>
<b>Title:</b>	<b>1 week FDP –Green and Secure communications in Association with IEEE Bombay section</b>
<b>Date:</b>	15 to 19 March 2021
<b>Day:</b>	Monday - Friday
<b>Objectives:</b>	To help the people to understand use of solar energy
<b>Venue:</b>	Google Meet
<b>Time:</b>	11:00AM Onwards
<b>Staff Co-coordinator:</b>	Prof. V.S. Baste, Dr. D. S. Mantri ,Prof. P.R. Dike. Dr. S. B. Gholap, Prof. M.K.Bhosale Executive Committee IEEE SIT
<b>Student Coordinator:</b>	
<b>Speakers:</b>	<ol style="list-style-type: none"><li>1. Dr. Sanjay Kumar</li><li>2. Dr. Dnyaneshear S. Mantri</li><li>3. Dr. Shirish L. Kotgire,</li><li>4. Dr. J. N. Swaminathan</li><li>5. Dr. Pranav M. Pawar</li></ol>
<b>Event Conducted Under:</b>	IEEE SIT SB
<b>Activity Type:</b>	FDP
<b>Target Group:</b>	Open to all
<b>Program Outcome:</b>	100+ Students Participated.

### Brief Summary about Activity:

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

1. The contents presented were relevant and useful

Sr. No.	Day Date	Name of Speaker	No. of Responses	Satisfactory %	Good %	Excellent %	Others %
01	MON. 15 Mar 21	Dr. Sanjay Kumar	121	11 (9.1)	32 (26.4)	77 (63.6)	1 (0.8)
02	TUE. 16 Mar 21	Dr. D. S. Mantri	105	13 (12.4)	21 (20)	71 (67.6)	
03	MON. 17 Mar 21	Dr. S.L. Kotgire	101	7 (6.9)	18 (17.8)	76 (75.2)	
04	MON. 18 Mar 21	Dr. J. N. Swaminathan	106	7 (6.6)	20 (18.9)	79 (74.5)	
05	MON. 19 Mar 21	Dr. P. M. Pawar	100	6 (6)	23 (23)	71 (71)	

2. The presentation skill and knowledge of expert

Sr. No.	Day Date	Name of Speaker	No. of Responses	Satisfactory %	Good %	Excellent %	Others %
01	MON. 15 Mar 21	Dr. Sanjay Kumar	121	10 (8.3)	30 (24.8)	80 (66.1)	1 (0.8)
02	TUE. 16 Mar 21	Dr. D. S. Mantri	105	11 (10.5)	16 (15.2)	78 (74.3)	
03	MON. 17 Mar 21	Dr. S.L. Kotgire	101	8 (7.9)	25 (24.8)	68 (67.3)	
04	MON. 18 Mar 21	Dr. J. N. Swaminathan	106	8 (7.5)	23 (21.7)	75 (70.8)	
05	MON. 19 Mar 21	Dr. P. M. Pawar	100	8	21	71	

3. Discussion on queries by participant was

Sr. No.	Day Date	Name of Speaker	No. of Responses	Satisfactory %	Good %	Excellent %	Others %
01	MON. 15 Mar 21	Dr. Sanjay Kumar	121	10 (8.3)	44 (36.4)	66 (54.5)	1 (0.8)
02	TUE. 16 Mar 21	Dr. D. S. Mantri	105	10 (9.5)	29 (27.6)	66 (62.9)	
03	MON. 17 Mar 21	Dr. S.L. Kotgire	101	8 (7.9)	22 (21.8)	71 (70.3)	
04	MON. 18 Mar 21	Dr. J. N. Swaminathan	106	9 (8.5)	24 (22.6)	73 (68.9)	
05	MON. 19 Mar 21	Dr. P. M. Pawar	100	8	24	68	

4. Session was useful for enhancing Technical Knowledge in respective domain.

Sr. No.	Day Date	Name of Speaker	No. of Responses	Satisfactory %	Good %	Excellent %	Others %
01	MON. 15 Mar 21	Dr. Sanjay Kumar	121	8 (6.6)	31 (25.6)	81 (66.9)	1 (0.8)
02	TUE. 16 Mar 21	Dr. D. S. Mantri	105	10 (9.5)	22 (21)	73 (69.5)	
03	MON. 17 Mar 21	Dr. S.L. Kotgire	101	12 (11.9)	29 (28.7)	60 (59.4)	
04	MON. 18 Mar 21	Dr. J. N. Swaminathan	106	7 (6.6)	24 (22.6)	75 (70.8)	
05	MON. 19 Mar 21	Dr. P. M. Pawar	100	7 (7)	23 (23)	70 (70)	

5. Over all organization of FDP

Sr. No.	Day Date	Name of Speaker	No. of Responses	Satisfactory %	Good %	Excellent %	Others %
01	MON. 15 Mar 21	Dr. Sanjay Kumar	121	7 (5.8)	26 (21.5)	87 (71.9)	1 (0.8)
02	TUE. 16 Mar 21	Dr. D. S. Mantri	105	9 (8.6)	22 (21)	74 (70.5)	
03	MON. 17 Mar 21	Dr. S.L. Kotgire	101	8 (7.9)	21 (20.8)	72 (71.3)	
04	MON. 18 Mar 21	Dr. J. N. Swaminathan	106	6 (5.7)	21 (19.8)	79 (74.5)	
05	MON. 19 Mar 21	Dr. P. M. Pawar	100	9 (9)	16 (16)	75 (75)	

**Photographs of Activity:**





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Department of Electronics and Telecommunication Engineering



## National Level One Week Faculty Development Program [FDP] On

### "Green and Secure Communications"

IEEE BOMBAY SECTION

(Online Mode)

IEEE  
SIT Student Branch

Organized by Department of E&TC, SIT, Lonavala

Technically Sponsored by IEEE Bombay Section and IEEE SB, SIT, Lonavala



March 15-19, 2021

[web.sit42@gmail.com](mailto:web.sit42@gmail.com)

### Organisers



**Dr. M. S. Gaikwad**  
Organizing Chair



**Dr. D.D. Chaudhary**  
Convener



**Dr. D.S. Mantri**  
Convener

e-Certificate of participation will be awarded

Dr. D. S. Mantri : 9922431612



**Dr. S. B. Gholap**  
Coordinator



**Prof. P. R. Dike**  
Coordinator



**Prof. M. K. Bhosale**  
Coordinator



**Mr. V. D. Raskar**  
Tech. Head

Gholap S. B. : 9769461767  
Dike P. R. : 942201174  
Bhosale M.K. : 7588628575

<p>Day 1 - March 15, 2021</p> <p><b>Realizing Green &amp; Secure Communication</b></p> <p>Speaker</p> <p><b>Dr. Sanjay Kumar</b></p> 	<p>Day 2 - March 16, 2021</p> <p><b>Role of IoT and Applications</b></p> <p>Speaker</p> <p><b>Dr. D.S. Mantri</b></p> 	<p>Day 3 - March 17, 2021</p> <p><b>Multi carrier Communications</b></p> <p>Speaker</p> <p><b>Dr. S.L. Kodgire</b></p> 	<p>Day 4 - March 18, 2021</p> <p><b>Industry Perspectives 4.0</b></p> <p>Speaker</p> <p><b>Dr. J.N. Swaminathan</b></p> 	<p>Day 5 - March 19, 2021</p> <p><b>Security Concerns in Green Communications</b></p> <p>Speaker</p> <p><b>Dr. P.M. Pawar</b></p> 
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**Inauguration : Guest of Honour: Dr. Sarika Chouhan, Chair, Student Activities Committee (SAC) & EXECOM Member, IEEE Bombay Section**



**DAY1: Realising Green and Secure Communications , Dr. Sanjay Kumar , Associate Professor, Department of ECE, BIT Mesra, Deoghar Campus, Jharkhand**







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## Department of Electronics and Telecommunication Engineering

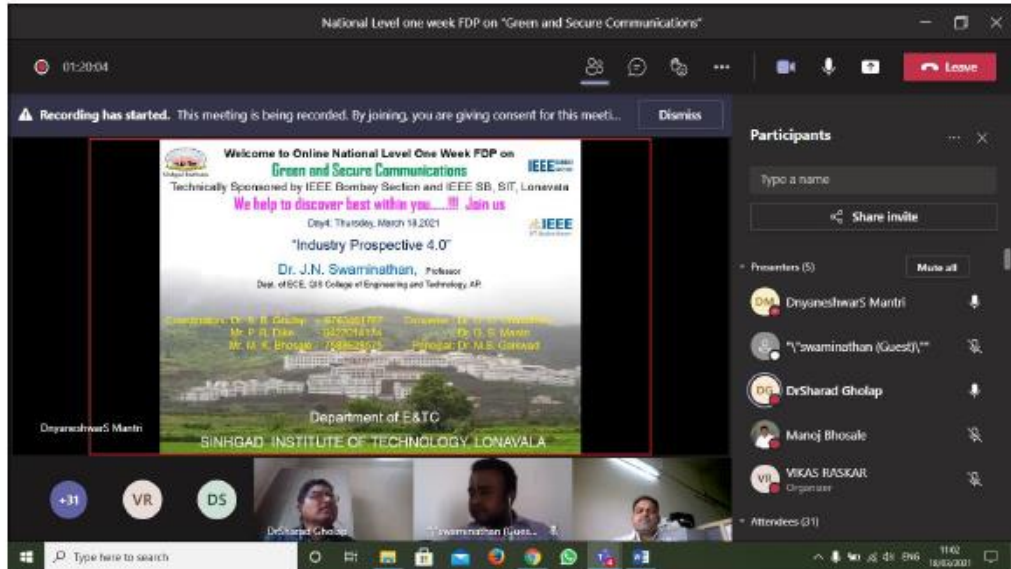
DAY2: "Role of IoT and Applications", Dr. Dnyaneshear S. Mantri, Professor, Dept. of E&TC, SIT, Lonavala.



DAY3: Multi Carrier Communications, Dr. S. L Kotgire , Professor, Department of E&TC, MGMCOE Nanded



**DAY4: " Industry Prospective 4.0" Dr. J. N. Swaminathan , Preofessor and Head, Department of ECE, QIS College of Engineering and Technology, AP**



**Day 5 : " Security Concerns in Green and Secure Communications", Dr. Pranav Pawar, BITS Pilani , Dubai**





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## Department of Electronics and Telecommunication Engineering

**EVENT NO:-**

**05**

**Title:**

**National level Student Conference IEEE  
TECHNICOKNOCKDOWN-2021 (TKD-21), organize  
by Dept E&TC & technically sponsored by IEEE  
Bombay section and IETE, Pune center in  
association with IEEE SITSB and IETE SIT, Lonaval**

**Date:**

**30/05/2021**

**Day:**

**Saturday**

**Venue:**

**Google Meet**

**Time:**

**9:30am to 5:00pm**

**Staff Co-coordinator:**

**Prof. V.S. Baste, Dr. D.S.Mantri, Prof. D.K.Shende**

**Student Coordinator:**

**Executive Committee IEEE SIT**

**Event Conducted Under:**

**IEEE SIT SB**

**Activity Type:**

**National level Conference**

**Target Group:**

**Faculty members and students of various Departments.**

**Program Outcome:**

**Received more than 140 papers.**

### Brief Summary about Activity:

It is our great pleasure to welcome you all for the online “TECHNICOKNOCKDOWN-2021 (TKD-21)” National Level Students Conference for technical paper presentation on May 30, 2021. Due to pandemic situation of COVID 19, reorganizing 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. The programme committee has gone through a rigorous process of review and selection chose, TKD-21 received more than 140 papers out of which 75 regular papers are selected for the oral presentations. The registered and published papers are published in IEEE TKD-21 proceeding with ISBN No. 978-81-992245-3-6.

We hope that you will find this event interesting and thought provoking. TKD-21 will provide you with a valuable opportunity to share ideas with other researchers, students, and practitioners from institutions. We look forward to the contribution towards the event and see you online.

### Photographs of Activity:





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Department of Electronics and Telecommunication Engineering



website :- [www.sinhgad.edu](http://www.sinhgad.edu)



## National Level Student Conference "IEEETECHNICKNOCKDOWN-2021 (TKD-21)"



(Online Mode)

Organized by Department of E&TC, SIT, Lonavala

Technically Sponsored by IEEE Bombay Section and IETE ISF, Pune and  
Supported by IEEE SITSB and IETE SIT Lonavala



ISBN No. 978-81-992245-3-6 **May 30, 2021**

[web.sit42@gmail.com](mailto:web.sit42@gmail.com)



### Organisers



**Dr. M. S. Gaikwad**  
Organizing Chair



**Dr. D.D. Chaudhary**  
Organizing Chair



**Dr. D.S. Mantri**  
Convener



Dr. D. S. Mantri : 9922431612  
Mrs. V. S. Baste : 9881431811  
Mr. V. D. Raskar : 9421004998



**Mrs. V. S. Baste**  
Convener



**Dr. S. B. Gholap**  
Coordinator



**Mr. P. R. Dike**  
Coordinator

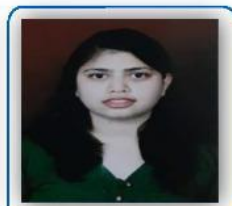


**Mrs D. K. Shende**  
Coordinator

Gholap S. B. : 9763461767  
Dike P. R. : 942201174  
Shende D. K. : 9011042725



**Mr. Ashutosh Mahajan**  
Chairman of IEEE  
SIT SB



**Ms. Mansi Dabhade**  
President  
ISF Lonavala



**Dr. B. Satyanarayana**  
Chair, IEEE Bombay  
Section



**Dr. R.D. Kharadkar**  
Chair, IETE, Pune Centre



**Mr. Chinmay pathak**  
Tata Technologies,  
Pune





**Sinhgad Technical Education Society's**  
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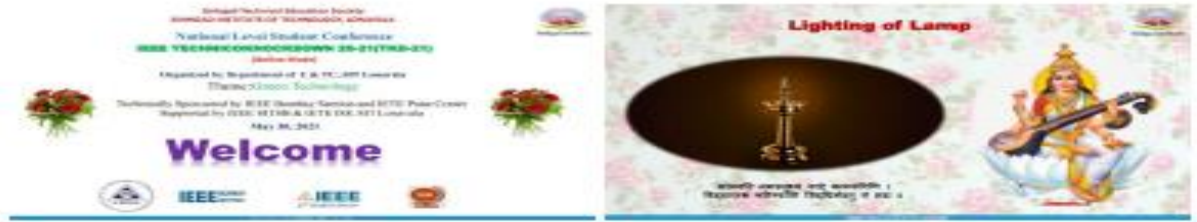
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**Department of Electronics and Telecommunication Engineering**



*INVITATION TO*  
**INAUGURATION OF TKD-21**  
**NATIONAL LEVEL STUDENT'S CONFERENCE**  
**IEEE TECHNICOKNOCKDOWN-2021 ( TKD-21 )**  
**WITH THEME " GREEN TECHNOLOGY "**

*DATE : 30 MAY 2021*  
*TIME : 9.30 AM*  
**ORGANISED BY**  
**DEPARTMENT OF E&TC, SIT LONAVALA**  
**TECHNICALLY SPONSERED BY**  
**IEEE BOMBAY SECTION & IETE PUNE CENTRE**  
**IEEE SB & IETE ISF SIT LONAVALA**  
**ORGANISING TEAM**  
**TKD-21**  
**YOU CAN JOIN WITH MICROSOFT TEAM LINK**  
**[ <https://tinyurl.com/2ryt7smw> ]**







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## Department of Electronics and Telecommunication Engineering







### **IETE STUDENT CHAPTER**

#### **OUTCOMES:**

- Enhancing the talents in youth through Technical Education and Skill Development.
- Enriching Electronics, Telecommunication, Information Technology & other related disciplines to contribute in Nation's Human Resource & Infrastructure Development
- Conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India.
- IETE has become the Authorised Training Partner of Telecom Sector Skill Council (TSSC) for the 11 Job roles presently available in Star Scheme of NSDC for conducting the courses.
- Encouraging and motivating the outside Class room studies /Workshops/projects/ seminars.
- Multiplying the student base and corporate membership of IETE.

**PEO'S: I,II,III,IV**

**Program Outcomes: c, d, e, f, g, h, j, k**



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## Department of Electronics and Telecommunication Engineering

### Summary sheet of Events

Sr. No.	Name of Event	Activity Conducted Under	Type of Activity	Page No.
01	One day Seminar on "Intellectual Property Rights: Patenting in India"	IETE Student Chapter	Seminar	53
02	Seminar on Data Science	IETE Student Chapter	Seminar	55
03	One Week State Level Short Term Training Program on "Components and Application of IoT"	IETE Student Chapter	STTP	56
04	Subject day celebration of wireless networks by BE (E&TC students)	IETE Student Chapter	Seminar	58
05	Subject day celebration of wireless networks by BE (Computer)	IETE Student Chapter	Seminar	60
06	IEEE TECHNICOKNOCKDOWN 2021	IETE Student Chapter	Conference	62

**Prof. D. K. Shende**  
**(IETE STUDENT CHAPTER In-charge)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>01</b>
<b>Title:</b>	<b>One day Seminar on “Intellectual Property Rights: Patenting in India”</b>
<b>Date:</b>	15 February 2021
<b>Day:</b>	Tuesday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	11:30AM to 1:30PM
<b>Staff Co-coordinator:</b>	Prof. Dipali K. Shende (IETE Faculty In-charge)
<b>Student Coordinator:</b>	Entire IETE team
<b>Event Conducted Under:</b>	IETE Student Chapter
<b>Activity Type:</b>	Seminar
<b>Target Group:</b>	All Students

### Brief Summary about Activity:

The purpose of this event was to give detail idea about IPR and patenting procedure in India. Brief guidelines given with lots of real life Patent to all participants. The session conducted at 11.30am to 1.30pm. More than 70 students were attended this session. Expert Mrs. Dipali Shende also shared stepwise guide to do patent prior art search procedure along with different forms filling under Indian Patent journal. She also shred how to apply for Digital signature Certificate. Principal sir appreciated expert with certificate. Few participants also given very good feedback.


This event is also published in newspaper. As because of the pandemic situation this event was held virtually on the Microsoft teams on 15th Feb 2021. Principal sir and all participants appreciated the work conducted by ISF team. The participation certificate was delivered to the students. This event helped all participants a lot, to give an idea for their patenting towards their idea and creation.

### Photographs of Activity:

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

**One Day Seminar on**

**INTELLECTUAL PROPERTY  
 RIGHTS :PETENTING 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**

## सिंहगड संकुलमध्ये 'बौद्धिक संपदा' विषयावर वेबिनार

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

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

**EVENT NO:-** 02  
**Title:** Seminar on Data Science  
**Date:** 15 Sept 2020  
**Day:** Saturday

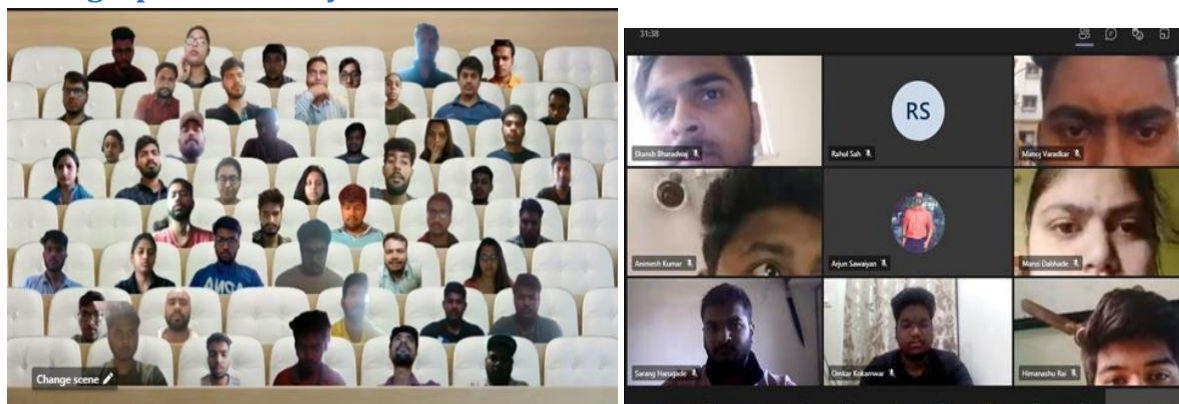
**Venue:** MICROSOFT TEAMS  
**Time:** 03:00pm TO 05:00 pm  
**Staff Co-coordinator:** Prof. Dipali K. Shende (IETE Faculty In-charge)  
**Student Coordinator:** Entire IETE team  
**Event Conducted Under:** IETE Student Chapter  
**Activity Type:** Seminar  
**Target Group:** All students

**Brief Summary about Activity:**

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. Sir enlightened students about career opportunities in this field. This event was conducted by Mrs. D.N.Duche madam and Mr. D.B.Patil sir for data science honor students. The Appreciation certificate was delivered to the expert under ISF forum. This event had a great success!

**Photographs of Activity:**





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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>03</b>
<b>Title:</b>	<b>One week National level STTP on “Components and Applications of IoT”</b>
<b>Date:</b>	22nd March to 26th March 2021
<b>Day:</b>	Monday-Friday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	03:00pm TO 05:00 pm
<b>Staff Co-coordinator:</b>	Prof. Dipali K. Shende (IETE Faculty In-charge)
<b>Student Coordinator:</b>	Entire IETE team
<b>Event Conducted Under:</b>	IETE Student Chapter
<b>Activity Type:</b>	Short Term Training Program
<b>Target Group:</b>	All Students and all staff

### Brief Summary about Activity:

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. After Inauguration our expert Speaker Mr. Rahul Shimpi from Nashik conducted four days sessions and given detail demonstration on IOT Components, Simulation and assembly on different IoT Development boards. Shimpi sir also given detail demonstration of applications as follows:-Object detection, Traffic signal, digital clock, Smart Home, Smart Irrigation System, and Smart Mobility.

On 26th March 2021, Mrs. Dipali K. Shende were conducted last session on “IoT application and Development with Node Red”. In this session, Node Red platform demonstration were given to all participants. The session conducted at 3.00pm to 4.30pm. There were valedictory function at 4.30 pm, in that function few participants demonstrated their idea with new learned simulation tools. Feedback forms filled by all participants. As because of the pandemic situation this event was held virtually on the Microsoft teams on 22-26 March 2021. Principal sir and all participants appreciated the work conducted by ISF team. The participation certificate was delivered to the students. This event helped students a lot, to give an idea for their implementation towards their idea and creation.

### Photographs of Activity:



**SINHGAD TECHNICAL EDUCATION SOCIETY'S**  
**Sinhgad Institute of technology, Lonavala**  
 Department of Electronics & Telecommunication, Engineering  
 Technical Sponsored by IETE Pune Section ISF, SIT, Lonavala

**STATE LEVEL ONE WEEK STTP**  
 Short term training program  
 On  
**Components & Applications Of Internet Of things**



**Dr.M.S. Gaikwad**  
Director & Principal



**Dr.D.D. Chaudhary**  
HoD & Vice-Principal



**Prof. Rahul J. Shimpi**  
GESRHCOE, Nashik



**Prof. Dipali K. Shende**  
STTP Convener & ISF Branch counsellor

**Venue:-**  
Microsoft teams meeting  
link: <https://bit.ly/3s4ZxhL>

**22-26 March 2021**  
Time -3:00pm


**Registration link :**  
<https://fohtprms.gle/BLGwzrw7y8Hb7JAG8>

**Topics:-**  
IoT Development ,  
Boards- Arduino ,  
ESP8266 and Raspberry Pi


**Student Co-Ordinator :-**  
Lochan Sawant (980977925)  
Sarang Harugade(8424814567)



**One Week State Level STTP**  
**Short Term Training Program on**  
**Components & Application of IOT**  
*keynote Speakers*



**Prof. Rahul J. Shimpi**  
Gokhale Education Society's R. H. Sapat College of Engineering, Nashik



**Prof. Dipali K. Shende**  
Sinhgad Institute of Technology, Lonavala

**SINHGAD TECHNICAL EDUCATION SOCIETY'S**  
**Sinhgad Institute Of Technology, Lonavala**  
 Department of Electronics & Telecommunication Engineering  
 Technically Sponsored by IETE Pune Section ISF, SIT, Lonavala

## CERTIFICATE

Of Achievement

This certificate is proudly presented for honourable achievement to

**Miss. Pranita Chougale**

from MKSS's Cummins College of Engineering for Women, Pune for **Best Project Idea Demonstration**. Conducted in "One week State level STTP on Components & Applications of IOT" from 22<sup>nd</sup> to 26<sup>th</sup> March 2021.

We appreciate your keen interest in the field of IOT.

  
 Prof. D.K. Shende  
ISF in-charge  
SIT Lonavala


  
 Dr. D.D. Chaudhary  
Vice-Principal(HOD EANC)  
SIT Lonavala


  
 Dr. M.S. Gaikwad  
Principal  
SIT Lonavala


**SINHGAD INSTITUTE OF TECHNOLOGY**  
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 Gat No. 309/310, off Mumbai-Expressway, Kusgaon (BK) Lonavala-410401.  
 E-mail: principal@sinhgad.edu

**Letter of Appreciation**

On behalf of department of E & TC, NITE students Forum, Sinhgad Technical Education Society, SIT, Lonavala, we indeed thankful to you for conducting **Hands-on Session** during "22<sup>nd</sup> to 26<sup>th</sup> March 2021" for staff and students in **State Level One Week STTP** on topic "**Components and Application of IOT**". Your dedication and contribution towards demonstrating **Hands-on real life case studies** is appreciable and idea behind this program is in making it a **great success is highly commendable**. We wish you all the best for your future.

  
 Prof. D.K. Shende  
NITE Staff In-charge  
SIT Lonavala

  
 Dr. D.D. Chaudhary  
HOD (E&TC)  
Vice-Principal  
SIT Lonavala

  
 Dr. M.S. Gaikwad  
Principal  
SIT Lonavala





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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>04</b>
<b>Title:</b>	<b>Subject day celebration of wireless networks by BE (E&amp;TC students)</b>
<b>Date:</b>	28th May 2021
<b>Day:</b>	Friday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	10:00AM TO 11:15AM
<b>Staff Co-coordinator:</b>	Prof. Dipali K. Shende (IETE Faculty In-charge)
<b>Student Coordinator:</b>	Entire IETE team
<b>Event Conducted Under:</b>	IETE Student Chapter
<b>Activity Type:</b>	Seminar
<b>Target Group:</b>	All Students of Engineering

### Brief Summary about Activity:

The purpose of this event was to make student aware about Wireless Sensor Networks. This event is traditional activity of IETE Student forum, because of lockdown this year event is conducted in online mode. This event was done in associate with Career Counselling Centre. Main aim of this event is to revise the whole subject, which helps all students with detail revision and application of said subject. This event is conducted and organised by team of that subject students, groups are formed, and each group represent the unit allotted by subject teacher, such a way all units are covered. Three phases are planned for each unit: first unit is explained in single sheet with visual creation of related syllabus, then application video or product video will be shared which give actual correlation of subject with market survey and then business news related to that unit will be explored. In inauguration principal sir Dr.M.S.Gaikwad,HOD and vice principal Dr.D.D. Chaudhary,Mrs.D.K.Shende subject teacher and IETE in-charge,Mrs. S.K.More & Mr. V.D.Raskar[Judge of event] attended and hod sir deliver speech on rising opportunities in the field of WSN. Subject teacher Prof. D. K. Shende addressed students about the subjects and motivated to give their best in contributing to subject. With the great joy students also enjoyed this event. The whole class of BE(E&TC) was divided into groups and each group contained 5 students, they prepared their unit sheets on the subject Wireless Networks and explained the units(Introduction, Applications, Implementation etc..). The event was appreciated by principal and vice principal sir.CCC committee help for feedback certificates for participation.

The event was conducted in online mode, and also broadcasted live on Facebook.



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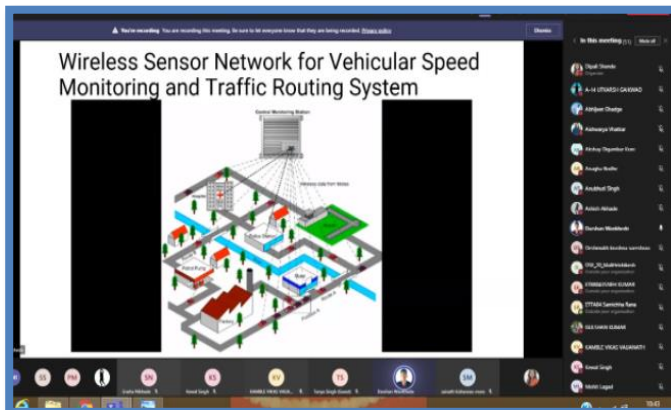
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## Department of Electronics and Telecommunication Engineering

Facebook Live Link:-

[https://m.facebook.com/story.php?story\\_fbid=571624397149623&id=100029062039581&sfnsn=wiwspwa](https://m.facebook.com/story.php?story_fbid=571624397149623&id=100029062039581&sfnsn=wiwspwa)

### Photographs of Activity:



**Sinhgad Institute of Technology, Lonavala**  
Career Counseling Center in association with IETE Student Chapter

**Presents**  
**Subject Day Celebration of Wireless Sensor Networks by BE(E&TC Students)**

on Friday 28th May, 2021 (Time: 10.00 am to 11:15 am)  
Registration Link: <https://cutt.ly/5uqPG0K>

 Campus Director Dr. M. S. Gaikwad	 Vice-Principal, SIT Dr. D. D. Chaudhari	 CCC-Head Prof. M. S. Raut	 Coordinator, IETE Prof. D.K.Shende
 M.Y.D Raut Technical Coordinator	 Student Coordinator Tanya Uttam Singh E&TC Department Mob. No. 7021755401		

**UNIT-01**  
**INTRODUCTION OF WIRELESS SENSOR NETWORK**

TEAM MEMBERS-  
VIKAS, PARIMAL, SAYALI,  
PRAVIN, KEWAL, PRANAY,  
ASHUTOSH, NILESH,  
ANDEEP

GUIDED BY-  
PROF. DIPALI SHENDE



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>05</b>
<b>Title:</b>	<b>Subject day celebration of “Embedded RTOS” by BE(Computer)</b>
<b>Date:</b>	<b>28th May 2021</b>
<b>Day:</b>	<b>Friday</b>
<b>Venue:</b>	<b>MICROSOFT TEAMS</b>
<b>Time:</b>	<b>12:15PM to 1:30PM</b>
<b>Staff Co-coordinator:</b>	<b>Prof. Dipali K. Shende (IETE Faculty In-charge)</b>
<b>Student Coordinator:</b>	<b>Entire IETE team</b>
<b>Event Conducted Under:</b>	<b>IETE Student Chapter</b>
<b>Activity Type:</b>	<b>Seminar</b>
<b>Target Group:</b>	<b>All Students</b>

### Brief Summary about Activity:

This event was conducted in collaboration with Career Counselling Centre. The purpose of this event was to make student revise whole Embedded RTOS subject. Dr. S. D. Babar (HOD of Computer Dept SIT) appreciated event, Mr. Mayr Raut CCC head also shared about the importance of embedded RTOS subject.

And teacher coordinator Prof.D.K.Shende addressed students about the subjects and motivated to give their best in explaining the subject. With the great joy students also enjoyed this event. The class of BE (Comp) was divided into groups and each group contained 5 students, they prepared their ppts on the subject Embedded RTOS and explained the units (Introduction, Applications, Implementation etc.). The event was conducted in online mode, and also broadcasted live on facebook.

### Photographs of Activity:





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## Department of Electronics and Telecommunication Engineering

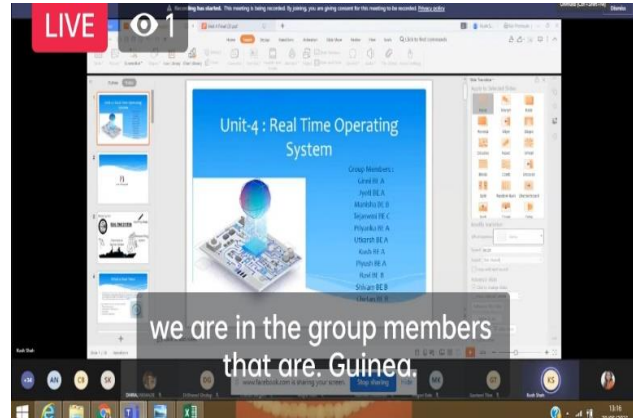
**Sinhgad Institute of Technology, Lonavala**  
 Career Counseling Center in association with  
**IETE Student Chapter**

**Presents**  
**Subject Day Celebration of Embedded RTOS**  
**(BE Computer)**

on Friday 28th May, 2021 (Time: 12.15pm to 1:15pm)  
 Registration Link: <https://cutt.ly/5nqPG0K>

<b>Campus Director</b>  Dr. M. S. Gaikwad	<b>Vice-Principal, SIT</b>  Dr. D. D. Chaudhari	<b>HOD- Computer, SIT</b>  Dr. S. D. Babar	<b>CCC-Head</b>  Prof. M. S. Raut	<b>Coordinator, IETE</b>  Prof. D.K. Shende
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**Student Coordinator**  
 Name: **Gayatri Tilve**  
 BE Computer  
 Contact: 9604344304



**SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA**  
 Department of Electronics & Telecommunication Engineering  
 &  
 Career Counseling Center, STES Lonavala  
 Organized

**Subject Day Celebration on subject "Embedded RTOS-BE Computer"**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr. Vikas D. Raskar of Department of Electronics & Telecommunication Engg. has attended the Program "Subject Day Celebration on subject - Embedded RTOS-BE Computer" organized by IETE Student Forum, SIT Lonavala in association with Career Counselling Center of **Sinhgad Technical Education Society, Lonavala Campus** on 28<sup>th</sup> May 2021.

 Prof. D. K. Shende Coordinator & IETE Faculty In-charge	 Prof. M. S. Raut CCC Co-ordinator	 Dr. D.D. Chaudhary Vice-Principal & HOD	 Dr. M. S. Gaikwad Principal
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Certificate ID: QNGVLI-CE00001

Made for free with Certify'em



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>06</b>
<b>Title:</b>	<b>National Student Conference IEEE TECHNICKNOCKDOWN-2021</b>
<b>Date:</b>	30th May 2021
<b>Day:</b>	Sunday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	9:30AM to 5:00PM
<b>Staff Co-coordinator:</b>	Prof. Dipali K. Shende (IETE Faculty In-charge)
<b>Student Coordinator:</b>	IEEE and IETE Students
<b>Event Conducted Under:</b>	IEEE & IETE Student Chapter
<b>Activity Type:</b>	National Conference
<b>Target Group:</b>	All Students of Engineering

### Brief Summary about Activity:

National level student conference IEEE TKD-21 was organized in collaboration with IEEE Student branch and Department of E&TC. All together we received 140 papers and 75 got selected for the conference. Event was divided in two session. Session I was from 10:30am to 1pm & Session II was from 2:30pm to 5pm. Inauguration ceremony started at 9:30am to 10:30am. Event started with saraswati vandana. Dr.M.S.Gaikwad, Dr.DD Chaudhary addressed students and congratulated them for their paper selection. Dr.D.S mantri convenor of conference explained the event flow. Chief Guest Dr.RD kharadkar (chairman, IETE pune center) and Dr.B satyanarayana (chairman, IEEE Bombay section) congratulate organizing committee for organizing event and motivated students to make their contribution in the field of research.

Keynote speaker 1 Dr. B Satyanarayana gave his speech on Need of Digital transformation in challenging time. And key note speaker 2 Chinmay Pathak gave his speech on Electrovehicle and future mobility. In sessions students presented their papers and experts asked this question.

Paper published in this conference will be published in ISBN proceeding.This event had great success!





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## Department of Electronics and Telecommunication Engineering

### Photographs of Activity:

**National Level Student Conference  
"IEEE TECHNICOKNOCKDOWN-2021 (TKD-20)"**  
 (Online Mode)  
 Organized by Department of E&TC, SIT, Lonavala  
 Technically Sponsored by IEEE Bombay Section and IETE ISF, Pune and  
 Supported by IEEE SITSB and IETE SIT Lonavala  
 ISBN No. 978-81-992245-3-6 May 30, 2021 web.sit42@gmail.com

**Organisers**

<b>Dr. M.S. Gokwad</b> Organizing Chair	<b>Dr. D.D. Chaudhary</b> Organizing Chair	<b>Dr. D.S. Mantri</b> Convener
<b>Mrs. V. S. Bante</b> Convener	<b>Dr. S. B. Ghoshap</b> Coordinator	<b>Mr. P. R. Dike</b> Coordinator
<b>Dr. S. S. Kulkarni</b> Chairman, IETE SB	<b>Mr. S. S. Kulkarni</b> President, IETE SB	<b>Dr. D. S. Kulkarni</b> Chair, IETE SB
<b>Dr. S. S. Kulkarni</b> Chair, IETE SB	<b>Dr. S. S. Kulkarni</b> Chair, IETE SB	<b>Dr. S. S. Kulkarni</b> Chair, IETE SB

**INVITATION TO  
INAUGURATION OF TKD-21  
NATIONAL LEVEL STUDENT'S CONFERENCE  
IEEE TECHNICOKNOCKDOWN-2021 (TKD-21)  
WITH THEME "GREEN TECHNOLOGY"**

**DATE : 30 MAY 2021  
TIME : 9.30 AM**  
**ORGANISED BY  
DEPARTMENT OF E&TC, SIT LONAVALA**  
 TECHNICALLY SPONSORED BY  
**IEEE BOMBAY SECTION & IETE PUNE CENTRE  
IEEE SB & IETE ISF SIT LONAVALA**  
**ORGANISING TEAM  
TKD-21**  
 YOU CAN JOIN WITH MICROSOFT TEAM LINK  
 [ <https://tinyurl.com/2ryt7amw> ]

**Microsoft Teams**

**FLOW CHART**

```

    graph TD
      Start([START]) --> P1[ ]
      P1 --> P2[ ]
      P2 --> P3{ }
      P3 --> P4[ ]
      P3 --> P5[ ]
      P4 --> End([END])
      P5 --> End
  
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**People**

- KB
- MP Maheshwari Patil (Guest)
- MP Maheshwari Patil (Guest)
- MY Mangrao yadav (Guest)
- MD Mansi Dabhadre On hold
- MP Megha Prasadman (Guest)
- NS Nitesh Shivraj (Guest)
- PQ Prashant Dake Organizer
- SS Sanyal Shivik (Guest)
- S S/NLP



**IE Student Chapter**

**OUTCOMES:**

- Enhancing the talents in youth through Technical Education and Skill Development.
- Enriching Electronics, Telecommunication, Information Technology & other related disciplines to contribute in Nation’s Human Resource & Infrastructure Development
- Encouraging and motivating the outside Class room studies /Workshops/projects/seminars.
- Multiplying the student base and corporate membership of IE.

**PEO’S:** I,II,IV,V,VI

**Program Outcomes:** a, b, c, d, e, f, g, h, i, k

**Summary sheet of Events**

Sr. No.	Name Events	Type of Activity	Page No.
01	Workshop on “Cybersecurity”	Workshop	65

**Dr.R.V.Babar**  
**(IE In-charge)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	1
<b>Title:</b>	<b>Workshop on “ Cybersecurity”</b>
<b>Date:</b>	01,02 March 2021, SEM- II A.Y. 2020-21
<b>Day:</b>	Monday- Tuesday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	3:00 PM to 5:00 PM
<b>Staff Co-coordinator:</b>	Dr. R.V. Babar
<b>Event Conducted Under</b>	IEI STUDENTS CHAPTER
<b>Activity Type:</b>	Workshop
<b>Target Group:</b>	Students & faculties of Department
<b>Speaker Name:</b>	Mr. Nikhil Shingade, Hack brain Info. Pvt. Ltd., Mumbai.

### **Brief Summary about Activity:**

In Academic year 2020-21, Semester-II Department of E&TC conducted webinar on “Cyber security” for the UG students and staff of college. Dr. M.S. Gaikwad Principal and Campus Director welcome the expert and participants. He insisted to take the benefit of the workshop, Dr. D. D. Chaudhary, HOD and Vice-Principal gave welcome speech. Prof. Mayur Raut introduced the expert. Dr. R. V. Babar and members of IEI students chapter Co-ordinated the event. During two days session Mr. Nikhil Shingade demonstrated live hacking and security examples. He insisted to secure our devices, bank accounts, mail and other important accounts. The question answer session is conducted the workshop.

Vote of thanks given by MS. Tanya Singh.



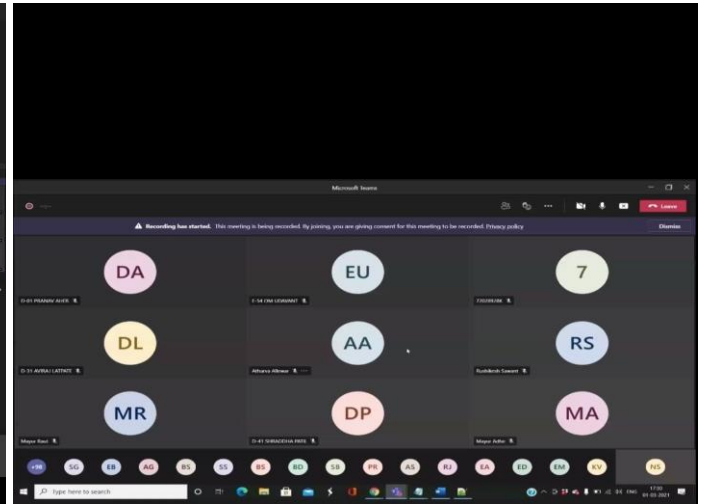
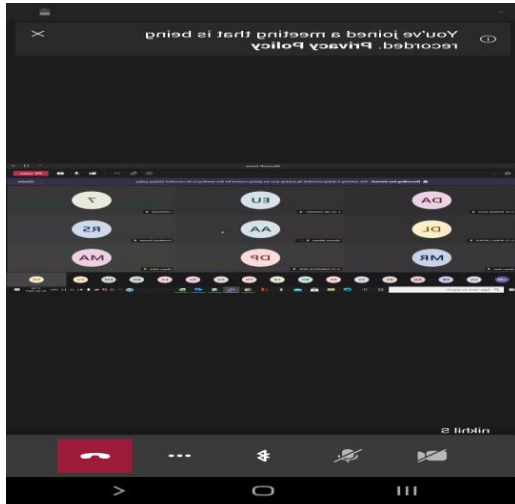
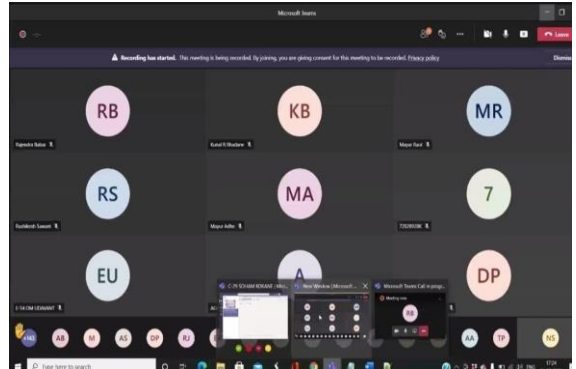
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## Department of Electronics and Telecommunication Engineering

### Photographs of Activity:





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## Department of Electronics and Telecommunication Engineering



### ISTE Student Chapter

#### Outcome:

- Provided quality training programs to teachers and administrators.
- Updated their knowledge and skills in their fields.
- Assisted and contributed in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.

**PEO'S: I,II,IV**

**Program Outcomes: b, g, f**

**Prof. Mrs. V.G. Rajeshwarkar**  
**ISTE Student Chapter Coordinator**





## **e-SITizen's Club**

### **Outcome:**

- To promote innovation and inspiring path-breaking ideas
- Demonstrate the ability to recognize a business opportunity that fits the individual student
- To promote development of skills and competence required to become an entrepreneur
- Demonstrate the ability to provide a self-analysis in the context of an entrepreneurial career
- Ability to recognize a business opportunity that fits the individual student
- To provide the networking platform consisting of mentors and venture capitalists.

**PEO'S:** V, VI

**Program Outcomes:** g, h, i

### **Summary of Events**

<b>Sr. No.</b>	<b>Name of Events</b>	<b>Activity Conducted Under</b>	<b>Type of Activity</b>	<b>Page No.</b>
<b>01</b>	<b>Workshp On Cyber Security</b>	<b>e-SITizen Club</b>	<b>Workshop</b>	<b>69</b>
<b>02</b>	<b>Gust Lecture on Machine Learning</b>	<b>e-SITizen Club</b>	<b>Guest Lecture</b>	<b>71</b>
<b>03</b>	<b>Hnour Course-Cyber Security Day Celebration "CYBERNET-2K21"</b>	<b>e-SITizen Club</b>	<b>Seminar</b>	<b>72</b>
<b>04</b>	<b>BE Farewell 2K21</b>	<b>e-SITizen Club</b>	<b>Cultural</b>	<b>74</b>

**Prof. S. K. More**

**(e-SITizen's Club In-charge)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:</b>	<b>01</b>
<b>TITLE:</b>	<b>Workshop On Cyber Security</b>
<b>Date:</b>	01 <sup>st</sup> & 2 <sup>nd</sup> March 2021
<b>Day:</b>	Monday-Tuesday
<b>Venue:</b>	Online Mode(Microsoft Team)
<b>Time:</b>	02:00pm to 05:00pm
<b>Staff Co-ordinator:</b>	Prof. S. K. More (Faculty Advisor e-SITizen Club)
<b>Resource Person:</b>	Mr.Nikhil Shingade
<b>Student Co-ordinators:</b>	All e-SITizen Club Members
<b>Event Conducted Under:</b>	e-SITizen Club (Department of E&TC) SIT Lonavala
<b>Target Group:</b>	BE, TE & students

**Activity Type:** Workshop

### Brief Summary about Activity:

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. It was a successful event as 215 students as well as all the teachers marked their presence in it. Our chief guest Mr.Nikhil Shingade Hackbrain info PVT. LTD. Mumbai inaugurated the program .They demonstrated one software that are mostly used in Networking industries. After this Workshop it is obvious that some of the students have surely changed their thinking of career in Cyber Security field.

### Photographs of Activity:



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## Department of Electronics and Telecommunication Engineering

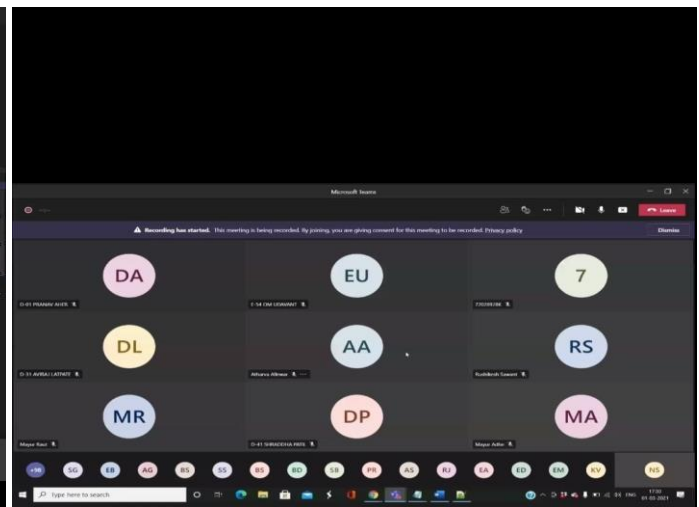
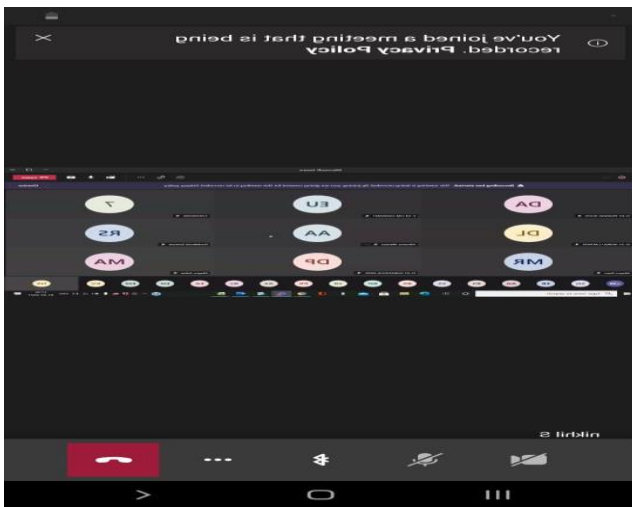
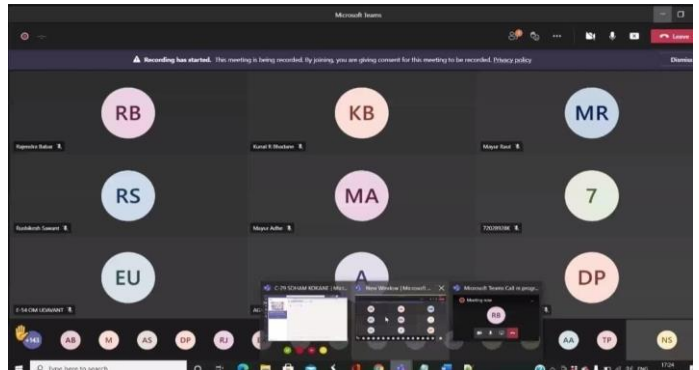
Sinhgad Institute of Technology, Lonavala  
Career Counseling Center  
in association with IET Student Chapter and eSITizen's Club  
Presents  
**Workshop on "Cyber Security"**  
On 1<sup>st</sup> and 2<sup>nd</sup> March 2021  
Registration Link: <https://forms.gle/39W1Jqpp23U878Ue9p9>

**Organizer**

<b>Faculty In-charge</b> Dr. M. S. Gokhale	<b>Supporting Staff</b> Dr. D. D. Chaudhari	<b>Guest In-charge</b> Prof. M. S. Nair	<b>Coordinator</b> Dr. A. V. Babbar	<b>Convener</b> Prof. D. B. Patil	<b>Secretary</b> Prof. S. K. More
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**Resource Person**

<b>Mr. Nihal Sinhgade</b> Hacktremology PWTJ TD, Mumbai Sinhgad Technologies PWTJTD	<b>Dr. V. D. Harkar</b> Technical Coordinator
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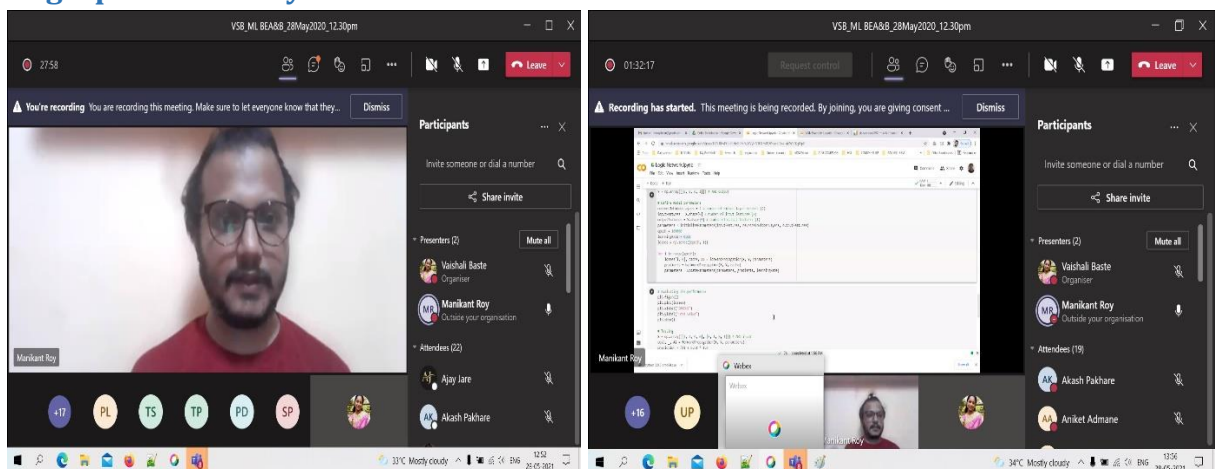


- EVENT NO:-** 2
- Title:** Guest Lecture “ Machine Learning”
- Date:** 28<sup>th</sup> May 2021
- Day:** Friday
- Venue:** MICROSOFT TEAMS
- Time:** 3:00 PM to 5:00 PM
- Staff Co-coordinator** Prof. S. K. More, Prof. V.S. Baste
- Event Conducted Under:** e-SITizen Club (Department of E&TC) SIT Lonavala
- Activity Type:** Guest Lecture
- Target Group:** SE,TE, BE Sudents
- Speaker Name:** Manikant Roy Research Scholar at IIT Delhi

**Brief Summary about Activity:**

The main motive of this Guest Lecture was to provide awareness about Career Opportunities in Machine Learning subject in career field. The Workshop was taken by experienced persons from industries belonging to Machine Learning field. It was a successful event as 60 students as well as all the teachers marked their presence in it. Our chief guest Mr. Manikant Roy Research Scholar IIT Delhi, inaugurated the program .They demonstrated technical concept that are mostly used in industries. After this lecture it is obvious that some of the students have surely changed their thinking of career in Machine Learning.

**Photographs of Activity:**





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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	3
<b>Title:</b>	<b>HONOUR COURSE-CYBER SECURITY DAY CELEBRATION“CYBERNET-2K21”</b>
<b>Date:</b>	16-06-2021
<b>Day:</b>	Friday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	10:00 AM to 12:00 PM
<b>Staff Co-coordinator</b>	Prof. S. K. More,
<b>Event Conducted Under:</b>	e-SITizen Club (Department of E&TC) SIT Lonavala
<b>Activity Type:</b>	Seminar
<b>Target Group:</b>	ALL STES Lonavala -SE,TE, BE Sudents

### Brief Summary about Activity:

The purpose of this event was to make student aware about Cyber Security. Main aim of this event is to revise the whole subject, which helps all students with detail revision and application of said subject. This event is conducted and organised by team of that subject students, groups are formed, and each group represent the unit allotted by subject teacher, such a way all units are covered. The subject HONOUR DEGREE-Cyber Security for SEM- and SEM-II –Enterprises Architecture & Components and explained the units (Introduction, Applications, and Implementation etc.). The event was conducted in online mode.

Then application video will be shared which give actual correlation of subject with market survey and then business news related to Cyber Security. In inauguration principal sir Dr. M. S. Gaikwad, HOD and vice principal Dr. D.D. Chaudhary, All College Principals ,Mrs. S. K. More subject teacher, Mr. Prashant Udawant [Judge of event] attended and deliver speech on rising opportunities in the field of Cyber Security. It was a successful event as 260 students as well as all the teachers marked their presence in it. Out side College students was present for this event. With the great joy students also enjoyed this event. In the last subject quiz is completed and total 250 feedback and Quiz certificates are distributed for participation and quiz competition.



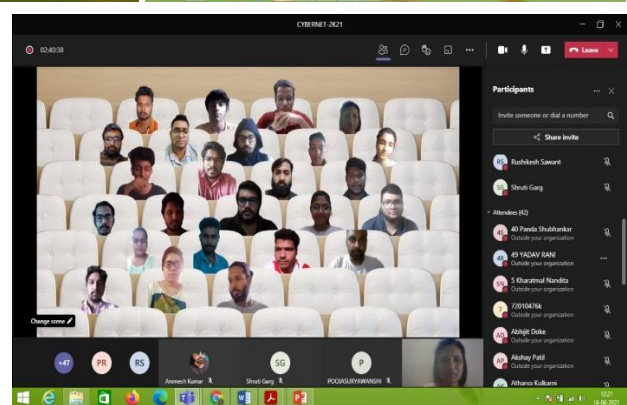
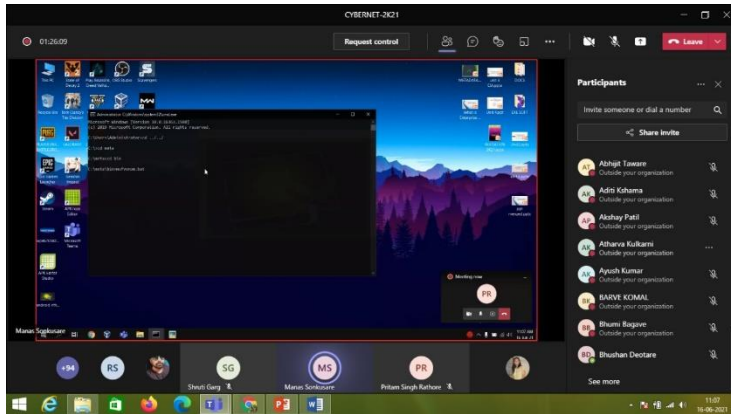
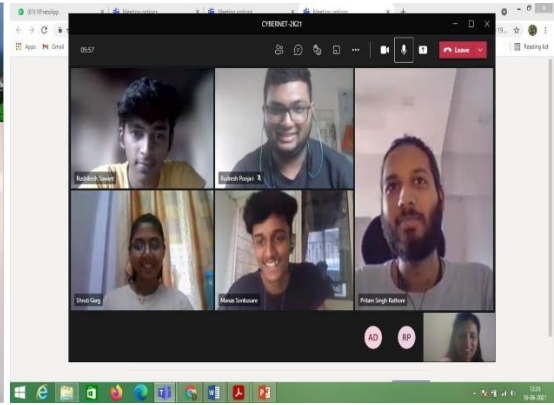


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## Department of Electronics and Telecommunication Engineering

### Photographs of Activity:





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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	4
<b>Title:</b>	<b>BE FAREWELL-2K21”</b>
<b>Date:</b>	29 <sup>th</sup> June2021
<b>Day:</b>	Tuesday
<b>Venue:</b>	MICROSOFT TEAMS
<b>Time:</b>	10:30 AM to 12:30 PM
<b>Staff Co-coordinator:</b>	Prof. S. K. More,
<b>Event Conducted Under:</b>	e-SITizen Club (Department of E&TC) SIT Lonavala
<b>Activity Type:</b>	Cultural
<b>Target Group:</b>	SE,TE, BE Sudents

### Brief Summary about Activity:

The purpose of this event was to give Farewell to BE-2K21 Batch. This event is traditional activity of e-SITizen's Student Club, because of lockdown this year event is conducted in online mode. This event was done in associate with Deartment Clubs – IEEE,IETE, IE, eSITizen's Club & Vodafone Club. Main aim of this event is to give Farewell to BE-2K21 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.

The Event was inaugurated by principal sir Dr. M. S. Gaikwad, HOD and vice principal Dr. D. D. Chaudhary, Dr. R.V. Babar, Prof, V.S. Baste, Prof. D. K. Shende, Prof. S. S. Patil Prof. S. K. More, deliver speech on respective Clubs. And Prof. M.S.Raut and all departmental staff members attended the event. Then Student of the Year Best Academic Award was declared and that Awarded student is Sumit Rukhmangad. After this some students activities are completed i.e.- Dance, Poem, Musical Fishponds, Funny Awards, Students Speech and in last Their College Life Journey video was shared which give College Life Journey from first day to till date days memories of all students. It was a successful event as 270 students as well as all the teachers marked their presence in it. With the great joy students also enjoyed this event.

### Photographs of Activity:



Sinhgad Institutes  
 Sinhgad Technical Education Society  
 Sinhgad Institute of Technology, Lonavala

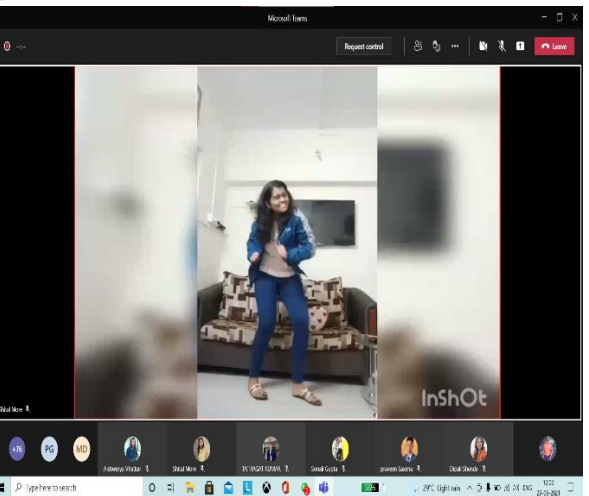
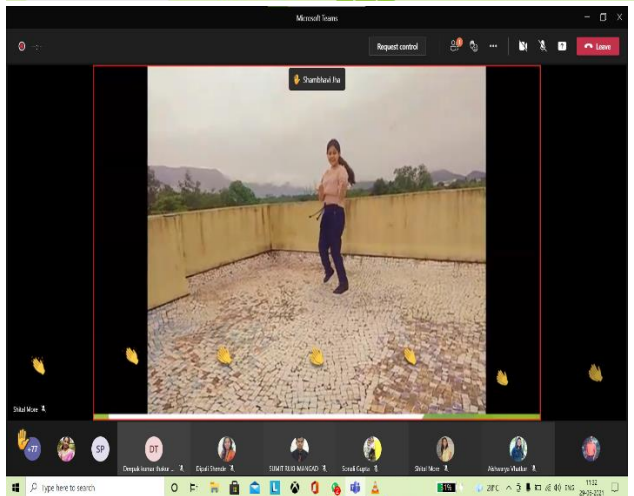
Electronics and Telecommunication Department  
 Presents  
**"Farewell Celebration"**  
 ON  
 29 June, 2021, Time: 10:30 AM - 12:30 PM

 CAMPUS DIRECTOR	 VICE-PRINCIPAL & HOD E&TC
 Dr. M. S. Gaikwad	 Dr. D. D. Chaudhary
 IE CLUB INCHARGE	 ESITIZEN-CLUB INCHARGE
 Dr. R. V. Babar	 Prof. S. K. More
 IEEE CLUB INCHARGE	 IETE CLUB INCHARGE
 Prof. V. S. Baste	 Prof. D. K. Shende



**Invitation**

It is our pleasure to invite our Seniors  
 and all our Teachers to attend the  
**Farewell Party**  
**BE Batch - 2k21**  
 From : E&TC Department & Clubs  
 Tuesday 29th 2021  
 10:30am to 12:30pm  
 Dance | Music | Memories  
 Venue: Microsoft Team  
<https://tinyurl.com/xm787d22>  
 It's not the goodbyes that hurt  
 but the flashbacks that follow...





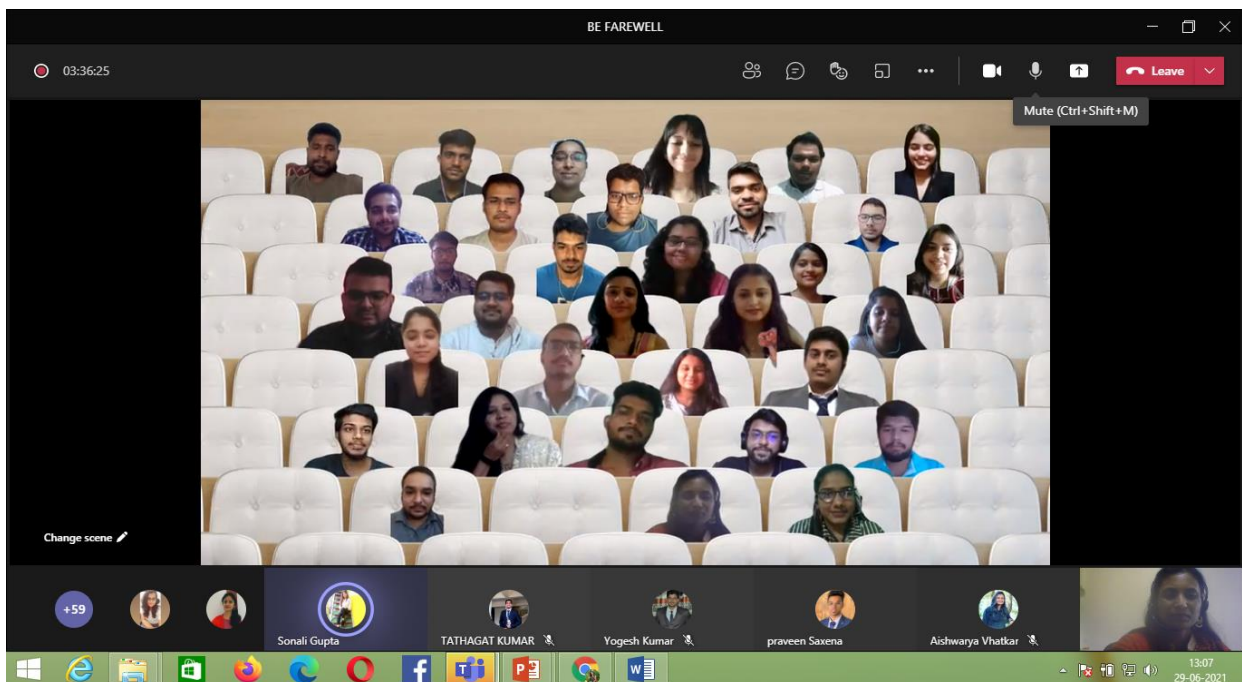
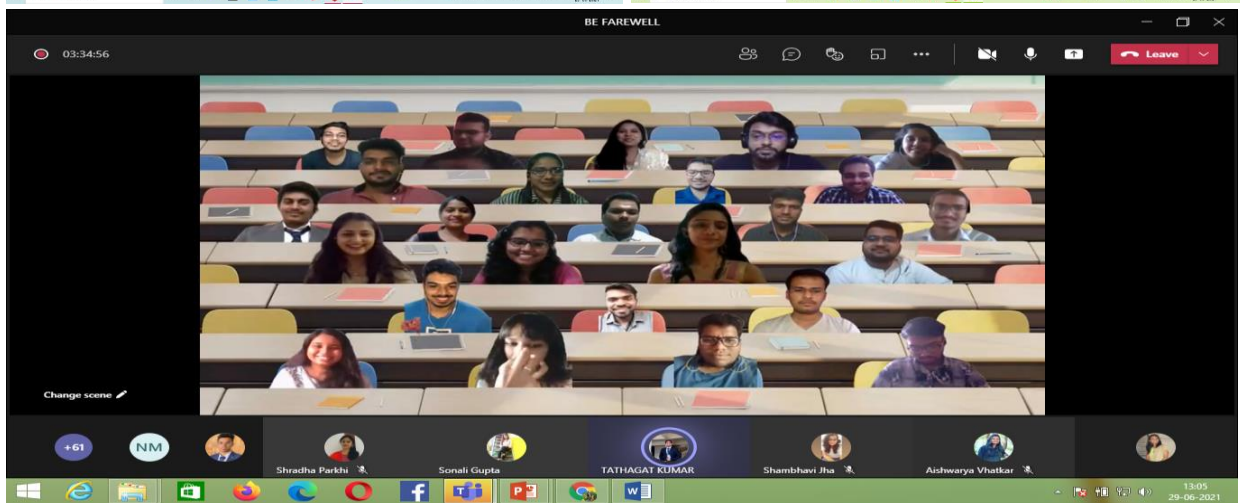
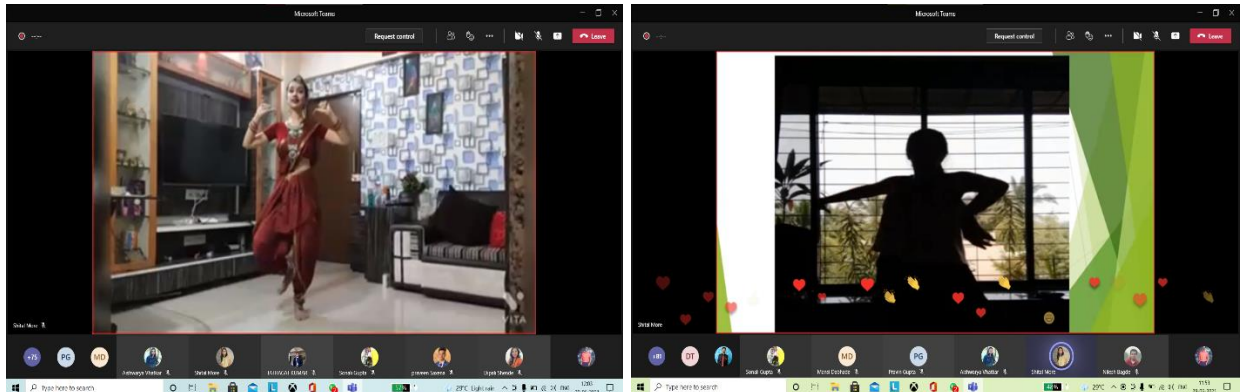


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## Department of Electronics and Telecommunication Engineering

### Spoken Tutorial

#### Outcome:

- To register for Spoken Tutorial.
- To plan training as per their convenience so that spoken tutorial Team from SIT Lonavala can arrange training.
- School is planning to conduct test in coming June-July.
- Students were able to analyze their performance through review given after test.
- 12 students got certification from IIT Bombay, which encouraged them to develop programming skills.

**PEO'S: I,II,III,IV, V, VI**

**Program Outcomes: b, c, e, f, h, I, j**

**Prof. P.A.Kamble**  
**Spoken Tutorial Coordinator**





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## Department of Electronics and Telecommunication Engineering



### Vodafone Student Club

#### **OUTCOME:**

- Enhancing the talents in youth through Technical Education and Skill Development.
- Enriching Electronics, Telecommunication, Information Technology & other related disciplines to contribute in Nation's Human Resource & Infrastructure Development
- Conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India.

**PEO'S: I,II,III,IV**

**Program Outcomes: d, e, f, g, h, i, j,k**

**Prof. S. S. Patil**

**Vodafone Student Club Coordinator**



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## Department of Electronics and Telecommunication Engineering

### Guest Lecture (Invited Talk) Activity

#### OUTCOME:

- Guest speakers expose students to real-world life experiences from the position of someone who has been there. Students get to see the insight and perspective of the guest speaker's particular field.
- One important benefit that is derived from having a guest speaker is the enhancement of the students' educational experience. They essentially get a glimpse into the everyday life of the speaker, which they can't get anywhere else. Another added benefit is the link that students get to make between what they learn in their textbooks and what they learn from the guest speaker. It helps students build important connections between what they are learning and the real world.
- Inviting guest speaker is a not only a wonderful way for students to learn about a specific topic, but it also introduces them to other professions and career opportunities.

**PEO'S: II,III,IV**

**Program Outcomes: d, e, f, g, h, j.**

**Prof. Pradnya A. Kamble**  
**Guest Lecture Coordinator**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:</b>	1
<b>Name of the Activity :</b>	Webinar on Foreign Language Program
<b>Date and Time:</b>	7th Feb.2021 at 1:30 pm
<b>Organized By:</b>	Carrier Counselling Centre STES Lonavala
<b>Coordinated By:</b>	Prof.Pradnya A.Kamble  Prof. Vikram Chavan
<b>Resource Person:</b>	Mr. Akshay Khirid, Founder and Director , Global Dialect Language Solution
<b>Target Audience:</b>	STES Students of all Branches
<b>Venue/ Online Platform:</b>	Online (Microsoft Team)
<b>Attended By:</b>	347 students
<b>Program Education Objective:</b>	PE03 & PE05
<b>Program Outcomes:</b>	6,7,10
<b>Program Specific Outcome:</b>	2



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## Department of Electronics and Telecommunication Engineering

### Training and Placement

#### Outcome:

- Receive direct feedback on institute's academic and administrative practices
- Created awareness about technological advancements in the industry.
- Received input for curriculum enrichment.
- Created platform for interaction with institute students.
- Promoted mutually beneficial interaction between institute and alumni.

**PEO'S: I,II,III,V**

**Program Outcomes: d, g, h, i**

### Summary sheet of Events

Sr. No.	Name of Event	Type of Activity	Page No.
01	Training & Placement Activity	T&P Activity	53
02	Alumni Activity	T&P Activity	

**Prof.M.S.Jadhav**

**(Training & Placement In-charge)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>1</b>
<b>Title:</b>	<b>Training And Placements</b>
<b>Date:</b>	SEM I
<b>Venue:</b>	CPC STES.
<b>Staff Co-coordinator:</b>	Prof. M.S. Jadhav, Prof. S. J. Misal
<b>Event Conducted Under:</b>	Central Placement CELL
<b>Activity Type:</b>	Placement
<b>Target Group:</b>	BE STUDENTS

### Brief Summary about Activity:

In Academic year 2020-21, Semester II, Training activity took place under T&P cell. For the students of BE E&TC, we organized Soft skills & Technical Training sessions for 6 days just before mass recruitment. From Department of Electronics & Telecommunication 45 students got an offer under centralized placement activity.

Company	Number of students selected
Accenture	08
Cognizant	07
Infosys	04
BYJU's	02
Allien Brains Interns	01
AppitSimple	02
Birlasoft	02
FACE	01
HCL	02
JARO	01
Neeyamo	01
Persistent	01
TCS Ninja	08



<b>Tudip</b>	<b>02</b>
<b>Vedantu</b>	<b>01</b>
<b>Amazon</b>	<b>01</b>
<b>FACE Prep</b>	<b>01</b>
<b>Total</b>	<b>45</b>

**Photographs of Activity:**



Sinhgad Institutes

**SINHGAD INSTITUTE OF TECHNOLOGY**  
 DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

*Heartiest Congratulations*  
 To Our Beloved Placed Students (A.Y. 2020-21)





















**Photo Session With Placed Students**



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**Department of Electronics and Telecommunication Engineering**

**EVENT NO:- 2**

**TITLE: Alumni Activity**

- Date & Date:** Feb 27, 2021
- Venue:** Online Platform
- Staff Co-ordinators:** M. S. Jadhav (Alumni Co-ordinator, E&TC)
- Activity Type:** Meet
- Target Group:** All Pass out Students of E&TC

**Brief Summary about Activity:**

In Academic year 2020-21, Semester II, Alumni meet took place

From Department of Electronics & Telecommunication invitation of Alumni meet was sent to the all pass out students from batch 2008 to 2020 including ME pass out students.

Alumni meet schedule is given below.

Day & Date	Time	Venue	Event
Saturday 27/02/2020	10.00 AM-10.05 AM	ONLINE PLATFORM (GOOGLE MEET)	WELCOME
	10.05 AM -10.10 AM		SARSWATI VANDANA
	10.10 AM -10.20AM		PRINCIPAL SIR ADDRESS
	10.20 AM -10.30AM		VICE PRINCIPAL SIR ADDRESS
	10.30 AM- 01.00PM		Forum open for discussion , Feedback

182 students from SIT registered for an Alumni Meet. Out of which 100 students attended meet.

Suggestion by Alumni for SE TE Students:

- 1) Maintain Attendance & Attend Classes.
- 2) Do VAP seriously & make expertise in it.
- 3) Do STP Seriously
- 4) Maintain 60% aggregate.
- 5) If students maintain criteria, they will surely get placed.
- 6) Best Training & placement facility, take advantage of it.
- 7) Focus on Aptitude, Group Discussion & Technical knowledge. It will help for placements.
- 8) Participate in Co-Curricular & Extra Curricular activities to develop your personality.
- 9) There are so many Core companies around, search their criteria, requirements & apply there.

### Suggestion by Alumni for an Institute:

- 1) Need of a formal communication system
- 2) Create a group of alumni department wise
- 3) Mentorship Program (From third year)
- 4) Organisation where Alumni work should be displayed on notice board
- 5) LinkedIn account should be opened by the Institute (Already done)
- 6) Facebook, Twitter, What's App group, Google group to be created at departmental level for Alumni.
- 7) Chapters to be formed (Higher studies / Overseas / City wise chapter)
- 8) Training series by alumni on weekends / as per availability
- 9) Redefine Term work scheme (apart from technical also give marks to soft skills)
- 10) Student to student program.





Inauguration & Interaction with Alumni



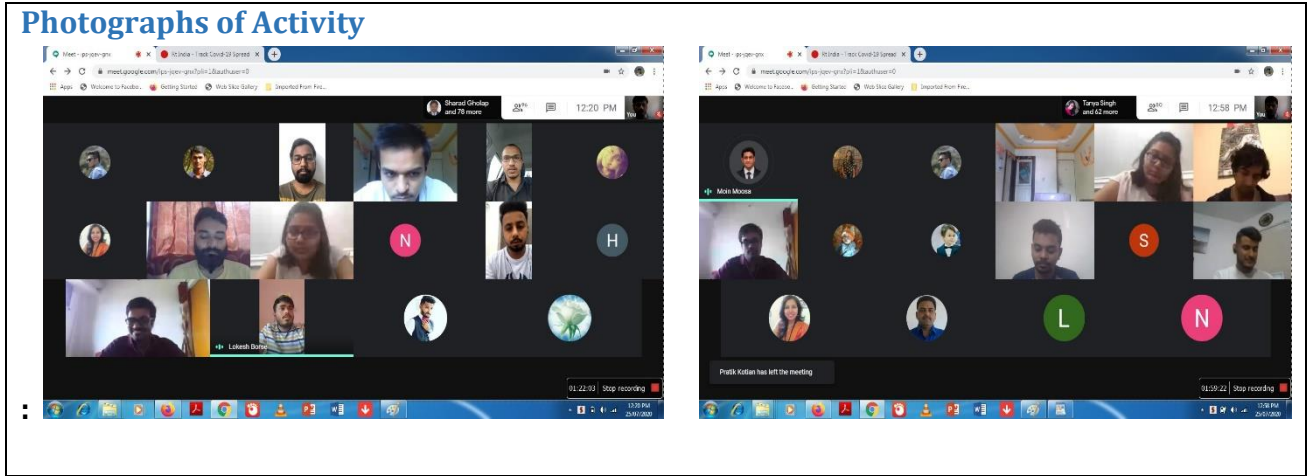
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### Photographs of Activity





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## Department of Electronics and Telecommunication Engineering

### GATE/GRE/TOFEL/AMCAT

#### Outcome:

- Receive direct feedback on institute's academic and administrative practices
- Created awareness about technological advancements in higher Studies.
- Received input for curriculum enrichment.
- Created platform for Competitive Examinations
- Promoted mutually beneficial interaction between Forum and students.

**PEO'S: II,IV,V**

**Program Outcomes: a,b,h,f**

#### Summary sheet of Events

Sr. No.	Exam	Appeared Students
01	GATE	12
04	AFCAT	2
	EKT	1
	IELTS	1
	SSB	1
	NQT	1
	Pune Metro	2
	Indian Air Force	2

**Prof. M. S. Raut**  
**(GATE Forum In-charge)**



## GATE Qualified students

Sr. No.	Name of the Student	GATE %	Scaled Score
1.	Ishani Saurav Kumar	37/100	6279
2.	Shivam Kumar	10.67/100	
3.	Praveen saxena	13.67/100	
4.	Saurabh harihar	10/100	
5.	Tanya Singh	17.67/100	
6.	Chaudhari Khushraj	3/100	
6.	Ritvik Bahirwar	18.67/100	259
8.	Shradha Parkhi	10/100	
9.	Abhijeet Ghadge	11.67	
10.	Anubhuti Singh	16/100	

Sr. No.	GATE EXAM 2021 APPEARED STUDENT LIST
01	Pratiksha Kalamkar
02	Shivam Kumar
03	Praveen saxena
04	Saurabh harihar
05	Tanya Singh
06	Chaudhari Khushraj Dilip
07	KHUSHRAJ DILIP CHAUDHARI
08	Ritvik Bahirwar
09	Shradha Parkhi
10	Abhijeet Ghadge
11	Anubhuti Singh
Sr. No.	AFCAT EXAM 2021 APPEARED STUDENT LIST
01	Tanya Singh 152/300
02	Bobby Raipure 203/300



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## Department of Electronics and Telecommunication Engineering

<b>Sr. No.</b>	<b>EKT EXAM</b>
	Tanya Singh 21/100
<b>Sr. No.</b>	<b>IELT EXAM</b>
<b>01</b>	Tanmay Tikekar 7 bands
<b>Sr. No.</b>	<b>SSB EXAM</b>
<b>01</b>	Alock Kumar Singh
<b>Sr. No.</b>	<b>Indian Air Force</b>
<b>01</b>	Chaudhari Khushraj
<b>02</b>	Bobby Raipure



## **Business Club**

### **Outcome:**

- By involving in Entrepreneurial Development Cell activities, students will Get encouraged to develop entrepreneurial qualities
- Demonstrate the ability to recognize a business opportunity that fits the individual student
- Demonstrate the ability to provide a self-analysis in the context of an entrepreneurial career
- Demonstrate the ability to find an attractive market that can be reached economically
- Create an appropriate business model
- Develop a well-presented business plan that is feasible for the student

**PEO'S: I,II,III,IV**

**Program Outcomes: d, e, f, g, h,i , j.**

**Prof. P. A. Kamble**  
**(Business Club In-charge)**



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## Department of Electronics and Telecommunication Engineering

### Value Addition Program

#### Outcome:

- By offering training programs gap in the university curriculum overcome.
- After development of skill many career opportunities in engineering and engineering technology will open.
- Students are able to use their knowledge and skill for the development of products.
- Students are capable of documentation of design for product development

**PEO'S: I,II,III,IV, V, VI**

**Program Outcomes: b, c, e, f, h, I, j**

**Prof.M.S.Jadhav**  
**VAP In-charge**



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## Department of Electronics and Telecommunication Engineering

### PAPER PUBLICATIONS

#### Outcome:

- Self-development
- Beneficial to society according to new Innovative Idea- for sustainable growth
- Verify and test important facts
- To analyze an event or process or phenomenon to identify the cause and effect relationship
- To find solutions to scientific, non scientific and social problems and
- To overcome or solve the problems occurring in our everyday life

#### PEO'S: I,II,III,IV,V,VI

**Program Outcomes: a, b, d,f, g,h, I**

### SUMMARY SEM-I

SR NO.	NAME OF THE STAFF	Particulars						TOTAL
		NO.OF PUBLICATION IN						
		NC	NJ	IC	IJ	Patent	Book	
1	Dr.M.S .Gaikwad							0
2	Dr.D.D.Chaudhary	1			1	1		0
3	Dr.D.S.Mantri	2	-	-	1			
4	Prof.V.V.Deotare							
05	Prof.S.B.Gholap	2	0	0				
06	Prof.R.V.Babar							
07	Prof.V.S.Baste	2	0	1	2	1		
08	Prof.D.K.Shende	1	0	0	5	1		
09	Prof.S.K.More	0	0	0	2			
10	Prof.D.N.Duche	0	0	0	0			
11	Prof.M.S.Raut	0	0	0	0	1	1	
	Total	8	0	1	10	4	1	23

**\* IJ- International Journal. IC- International Conference, NC- National Conference**

**Prof. D.N Duche  
Kshitij In-Charge**





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## Department of Electronics and Telecommunication Engineering

### B.E. PROJECTS A.Y. 2020-21 [Semester-II] SUMMERY

#### BE PROJECTS

In Semester II, Internal two presentations are conducted as per UOP schedule.

Total Groups= 42 from Four divisions with Project Guides=20.

Total 3 Groups were sponsored by Industries.

**PEO'S: I,II,III,IV,V,VI**

**Program Outcomes: a, b, c,d, e,f, g,h, I**

#### SUMMERY

Activity	Target Student	Date	Page No.
PROJECT PROGRESS SEMINAR	B.E.(E&TC)	7/1/2021,12/3/2021,15/6/2021	94

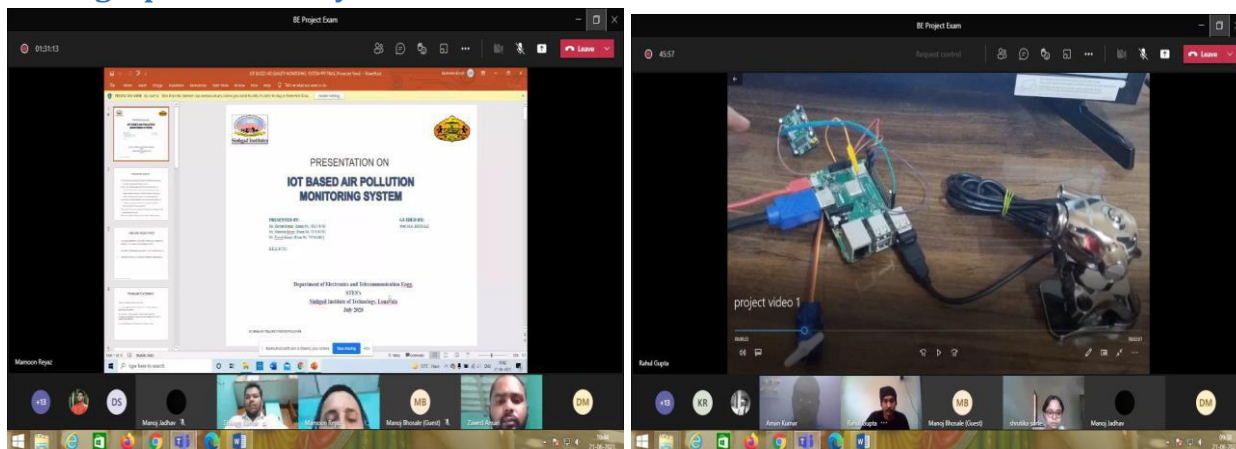
**(Dr. R.V. Babar)**  
Project In-charge

**EVENT NO:-** 01  
**Title:** Project Progress Seminar  
**Date:** 07/01/2021, 12/03/2021, 15/06/2021  
**Venue:** Microsoft Team.  
**Time:** 09.00 am to 5.00 pm  
**Staff Co-coordinator:** Prof. R.V.Babar  
**Event Conducted Under:** Department of E&TC  
**Activity Type:** Project Presentation  
**Target Group:** BE students

**Brief Summary about Activity:**

In Academic year 2020-21, Semester-II Department of E&TC conducted three Project Progress seminars. In this semester more focus is given on Sponsorship, Project Exhibition, Paper / Patent presentation and publication. Hardware and Software implementation, Design Simulation are the key consideration during this semester.

**Photographs of Activity:**





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(Affiliated to University of Pune and Approved by, AICTE, New Delhi.)  
Gat No. 309/310, Kusgaon (BK), off Mumbai –Pune, Expressway.  
Lonavala, Pune, 410401, Website : [www.sinhgad.edu](http://www.sinhgad.edu)

## Department of Electronics and Telecommunication Engineering

### Wall Maganize

#### Wall Magazine Activity

<b>Date &amp; Date:</b>	Semester II, 2020-21.
<b>Venue:</b>	E &TC Department.
<b>Staff Coordinators:</b>	M. K. Bhosale Coordinator, E&TC.
<b>Event Conducted Under:</b>	Wall Magazine Activity.
<b>Activity Type:</b>	Birthday Celebration and Congratulation.
<b>Target Group:</b>	All Staff and Students E&TC.

In Academic year 2020-21, Semester II, activity conducted under this are

1. Congratulations for achievements of staff and students.
2. Display of activity Photos and brochure.
3. Welcome posters for Guests.

Brief summary of activity:

Wall Magazine Activity is conducted in department to motivate students and staff for participate in over and above activity. Also appreciation for the participation in different activity. Explore the information of upcoming event in department.



Sinhgad Technical Education Society  
**SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA**  
 Sinhgad Institutes

**HEARTIEST CONGRATULATIONS**  
 For Selection  
 In Gurugram Police Cyber  
 Security Summer Internship Program (GPCSSI) 2021

<p>Amit Kumar TE IT</p> 	<p>Rushikesh Sawant TE COMP.</p> 	
	<p>Atharva Allewar TE (E&amp;TC)</p> 	
<p>Kinshuk Kumar TE COMP.</p>	<p>Prof. Shital More Cyber Security Coordinator Dept. of Electronics &amp; Telecommunications</p>	<p>Gaurav Popalghat IT SKN</p>
<p>Dr. D. D. Chaudhari HOD, E&amp;TC / Vice Principal Sinhgad Institute of Technology</p>	<p>Dr. M. S. Gaikwad Campus Director / Principal Sinhgad Institute of Technology</p>	

**STUDENT OF THE YEAR  
 BEST ACADEMIC AWARD**

► Sumit Rukhmangad





## CONGRATULATION TO GATE SCORED STUDENTS

- ▶ Abhijeet Ghadge
- ▶ Anubhuti Singh
- ▶ Tanaya Singh
- ▶ Shradha Parkhi
- ▶ Khushshraj Chaudhari
- ▶ Ritvik Bahirwar
- ▶ Pratiksha Kalamkar
- ▶ Shivam Kumar
- ▶ Pravin Saxena
- ▶ Saurabh Harihar



## CONGRATULATION FOR PATENT FILE BY STUDENTS

- ▶ Amol Patil
- ▶ Aniket Shinde
- ▶ Saurav Sadane
- ▶ Darshan Wankhade
- ▶ Dnyaneshwar Tandale



(Prof M.K.Bhosale)

Wall Magazine Dept. Coordinator





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## Department of Electronics and Telecommunication Engineering

### Workshop/STTP/FDP/Guest Lecture attended/ Coordinated A.Y. 2020-21[Semester-I]

#### Summary

Number of Workshop		Number of STTP	
Attended	Conducted	Attended	Conducted
100	10	13	2

Number of FDP		Number of Guest Lecture	
Attended	Conducted	Attended	Conducted
36	6	35	9

Number of Webinar		Number of Internship	
Attended	Conducted	Attended	Conducted
35	12	1	2

Prof. P.R.Dike/Prof.V.S.Baste  
(Coordinator)

**Workshop/STTP/FDP/Guest Lecture  
 / Coordinated**

Sr. No	Name of Faculty	Title	Workshop/ Seminar/FDP/Conference	Duration	No. of Participants
1	Dr. D S Mantri	Green and Secure Communication	National Level FDP	March 15-19,2021	200
		Student training Program-I	FDP	July10,-11 2020	120
		DIGITAL TRANSFORMATION & PEDAGOGIES	National FDP	Aug 10-14, 2020	200
		IoT in Smart City : The Future World of Things	Webinar	28/07/20	
		Benefits and Opportunities in IEEE	Webinar	22/08/2020	
		e-PGPEX-2020, ETC SPPU	Conference- Session Chair	31/07 - 01/08/2020	
		NBA Preparation	Guest Lecture	9/11/2020	
		“Internet of Things and Artificial Intelligence in Smart Communication and Networking	STTP	26/11 and 10/12 2020	
		36th virtual GSSM	Workshop	21-22 Dec 2020	

		IEEE Hackathon	IEEE Hackathon	29-30 Nov 2020	
2	Mrs..D.K.Shende	National conference-IEEE Technico Knockdown2021 (TKD21)	Online conference ,organized by E &TCdept,in collaoration with IEEE Bombay section,IEEE SITSB,IETE student chapter	30th May2021	
		Expertlecture on IOT Developemnts with Node Red	3 days Workshop at Sandip Foundation Nashik	28-30April 2021	170
		One day seminar on Data Science	Seminar	1st March 2021	60
		Components and Application of IoT	State level STTP	22nd to 26th March 2021	170
		IPR:Patenting in India	seminar	15 Feb 2021	80
		IoT Miniproject Competition & Exhibition under IoT Center of Excellence	Workshop	12 Sept. 2020	145
		Seminar on EPD	seminar	15 Feb 2021	80
		IETE Chapter Innugration	seminar	25 Jul 2020	80
	Mrs.V.S.Baste	Webinar on Benefits of IEEE	webinar	22-08-2020	40

	Webinar on Anatomy of Patent	webinar	12-09-2020	80
	Webinar on Resume Writing	webinar	27-09-2020	200
	Webinar on Role of youth in attaining atmanirbhar Bharat in Energy	webinar	02-10-2020	50
	Guest lecture on Industry Exposure to AI&ML	GL	13th March 2021	100
	Post covid 19 Rehabilitation- Leverging opportunities through technology intervention to improve society	Online, Hackathon(in collaboration with IEEE SAC,IEEE SB SITRCNashik,PCC OER,Ravet,IEEE SIT SB,Lonavala	27Nov-29Nov	33
	Spreading Brightness Through sustainability-solar lamp and awareness training for rural areas	Nagnath Madhyamik Vidyalaya Aundhe Khurd,Near Lonavala	29-12-2020	90
	One week STTP on Statistics for AI &ML	STTP	22-26Feb 2021	90
	One week International Women's Empowerment Week"	FDP	08th March 2021 to 13th March 2021.	

		National conference-IEEE Technico Knockdown2021 (TKD21)	Online conference ,organized by E &TCdept,in collaoration with IEEE Bombay section,IEEE SITSB,IETE student chapter	30th May2021	
Mr.Mayur S Raut		One week STTP on Statistics for AI &ML	STTP	22-26Feb2021	100
		Guest lecture on Industry Exposure to AI&ML	GL	13th March2021	80
		One week International Women's Empowerment Week"	FDP	08th March 2021 to 13th March 2021.	75
		Webinar on Goal Mastry	GL	18 April 2021	55
		Webinar on Empower Yourself and Reach your Dreams Career Goals through E-Learning	GL	17 April 2021	54
		Webinar on "Career Awareness Know your NICHE"	GL	19 January 2021	74
		Webinar on "Foreign Language Program"	GL	8 Feburay 2021	250
		Webinar on "ICH Guidlines"	GL	3 March 2021	79



		Webinar on "Mission Gate 2022"	GL	6 March 2021	80
		Workshop on "Robotics and IOT"	Workshop	20 March 2021	58
		Workshop on "Cyber Security"	Workshop	1 and 2 March 2021	95
		Hands on Traning on Effective use of Microsoft Teams platform in Teaching Learnng Methodology	Workshop	11 August 2021	60
		Hands on Traning on Effective use of Microsoft Teams platform in Teaching Learnng Methodology	Workshop	17 August 2021	72
		Hands on Traning on Effective use of Microsoft Teams platform in Teaching Learnng Methodology	Workshop	10 August 2021	45
		Hands on Traning on Effective use of Microsoft Teams platform in Teaching Learnng Methodology	Workshop	8 August 2021	52
		Yoga Sadhana for Students and Parents	FDP	10 May to 25 May 2021	178
	Dr. S.B. Gholap	Green and Secure Communication	National Level FDP	March 15-19,2021	200
		National conference-IEEE Technico Knockdown2021 (TKD21)	Online conference ,organized by E &TCdept,in collaoration with IEEE Bombay	30th May2021	

			section,IEEE SITSB,IETE student chapter		
	Mrs.S.K.More	Career Opportunities in Oracle Applications	Guest Lecture	31 July 2020	80
		Hands-On Training On Online Teaching Learning Methodology	Workshop	1 Aug. 2020	250
		Career Opportunities in Multi Billion dollar Audio Visual Industry.	Technical Webinar	14 Aug. 2020	50
		Workshop on "Cyber Security"	Workshop	1 and 2 March 2021	135
	Ms. S.S.Patil	Expert lecture on Noisein communication	Guest Lecture	17-Mar-21	89
		Webinar on "Advantages and Precautions in investments, Post Pandemic"	Webinar	04-Jul-20	49
	Dr.R.V.Babar	Organized webinar on “ Cybersecurity” of Mr.Nikhil Shingade, Hackbrain Info. Pvt. Ltd., Mumbai	Workshop	March-2021	215
	Dr. S.. Gholap	Green and Secure Communication	National Level FDP	March 15-19,2021	200
		National conference-IEEE Technico Knockdown2021 (TKD21)	Online conference ,organized by E &TCdept,in collaoration with IEEE Bombay section,IEEE SITSB,IETE student chapter	30th May2021	300
	Ms. S.S.Patil	Expert lecture on Noisein communication	GL	17-Mar-21	89

**Workshop/STTP/FDP/Guest Lecture/ attended**

Sr. No	Name of attendee	Title	Sponsored by	Duration
1	Dr.D.D.Chaudhary	Entrepreneurship and Innovation	Dept of Science and Technology, Govt of India	26th Feb to 11th Mar 2021
2	Dr. D S Mantri	Internet of Things and Artificial Intelligence in Smart Communication and Networking	QIS College of Engineering and Technology, (AP)	02-07/11/2020
		Digital Transformation & Pedagogies	WCE Sangali and GCE Karad	10-14 /11/2020
		36th GSSM with 6G Knowledge lab Opening	Aarhus University, Denmark	21-22 Dec 2020
		Data Science	Department of IT, SIT, Lonavala	8-13/02/2021
		Online Teaching Learning Methodology	SIT, Lonavala	01/08/2020
		Internetwork Security (CISCO) with 5G	DYPCOE&I, Talegaon	20/07/2020
		Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching	AISSMS , Pune	05/07/2020.
		Building an Innovation or Product fit for Market	MESCOE, Pune	30/05/2021
		Entrepreneurship Development	SITRC Nashik and Dept of Science and Technology, Govt , of India	15-27 March 2021
		Internet of Things for Futuristic Smart System	BVCOE, Pune	17-21 May 2021
		International Conference on Convergence in Technology (I2CT)	SIT, Lonavala (Online)	2-4 April 2021
		Future Network Challenges and Opportunities	IEEE Future network Group	22-24 March 2021

Mrs. D.K.Shende	MOOC Course Latex101x	IITBombayX	Jan-May 2021
	5-days National Workshop on “Data Science and Advanced Computing”	School of Advances (SAS),VIT-AP University.	13-14 March (Level-1) and 19-21 March (Level-2)
	Participated in one week online industry associated FDP on “Advanced Communication using IoT & WSN”	Dr.D.Y.Patil COE Aakurdi Pune in association with Techno field Solutions Ltd. Pune under AICTE MODROB scheme	9-13 Feb 2021
	Participated in 3-days workshop on topic “Internet of Things using Raspberry Pi”	VIT Chennai in association with Pantech e learning	2-4 October 2021
	Participated in one week FDP on “Modern Educational Tools & Pedagogical Practices for Online Teaching”	VIT Mumbai	21-25 June 2020
	Attended one day workshop on Virtual Lab	AISSSMS Pune and IIT Bombay	18 July 20
	Attended 3 days International FDP on Research Methodology and Techniques	Sandip Foundation Nashik	4-7 July 2020
	Attended 3 days International FDP on Future Advancements and Applications of Internet of Things	Sandip Foundation Nashik	June 12, 2020 to June 14, 2020
	One Week AICTE Training and Learning (ATAL) online FDP on “Internet of Things”	AICTE Training and Learning (ATAL)	25-29th May 2020
	4 Days FDP on “Research, Funding Projects & IPR”	IQAC, R & D Cell under the banner of IETE and Institution's Innovation Council (IIC) of K. C. College of Engineering and Management	7th - 10th May, 2020

		Studies and Research, Thane (E)	
	5 Days FDP on “Current Trends in Industry”	Dr. D.Y.Patil Institute of Engineering, Management and Research, Akurdi, Pune. Association with eMaestro Technologies, Pune.	02 to 08 May, 2020
	one week AICTE Recognized Faculty Development Program on “Outcome Based Curriculum”	NITTTR Chandigarh	25th May to 29th May 2020
	Webinar on “Embedded Technology: Arduino and Raspberry PI Boards”	PCCCOE Ravet	6th May 2020
	Webinar on “Internet of Things”	Pantech Solution	4th May 2020
	Webinar on “Building API with Python”	codegnan IT Resources	29th April 2020
	one week Online AICTE Recognized FDP on “Linux Applications in Engineering Education”	NITTTR Chandigarh	27 April 2020 to 1st May 2020
	one week AICTE Recognized Faculty Development Programme on “Internet of Things”	NITTTR Chandigarh	10-14 April 2020
	One Week Faculty Awareness Program on NAAC Accreditation”	RD’s Shri Chhatrapati Shivajiraje COE, Dhangawadi, Pune	10-15 May 2020
	one week FDP on Latex	Spoken Tutorial Project, IIT Bombay	4-8 May 2020
	one week FDP on Moodle LMS	Spoken Tutorial Project, IIT Bombay	1-6 May 2020
	one week FDP on BOSS Linux 3.4.2	Spoken Tutorial Project, IIT Bombay	25 April to 1 st May 2020



Mr.P.R.Dike	International conference on future intelligence in sciences and technology Malaysia (SITSFIST-2020)	SITS Narhe college pune	20-21 March 2020
	One week STTP Internet of Things and Artificial Intelligence in Smart Communication and Networking (Phase-3)	AICTE Sponsered QIS College of Engineering and Technology Andrapradesh	07-12 Dec 2020
Mrs.V.s.Baste	30days Internship program on MATLAB	Online At <a href="http://www.pantecolutions.net">www.pantecolutions.net</a> in association with IETEMumbai	01 Sept-30Sept2020
	International Faculty Development Program on “Research Methodology and Techniques”	Sandip Institute of Engineering and Management Nashik Speaker:- Dr Anand Nayyar, Researchers and Scientists, Duy Tan University, Da Tang Vietnam.	04/07/2020 to 06/07/2020
	Webinar on “Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching”	All India Shri Shivaji Memorial Society's College of Engineering,Pune in association with The Institution of Engineers (India),Kolkata	05th July 2020
	7days online workshop on Core Python	Online:-Youtube channel by Kavedia Sir	03July to 09July2020
	One week FDP on Data Science for Engineering Problem Solving	Online organized by Computer Dept,SKNCOE,Pune	05-10Oct2020
	participated in live virtual international conference" International Conference on Research Outlook, Innovations	Online organized by BSCOER,Narhe Pune	August 29-30,2020

		and Research Trends (ICROIRT-2020)		
		Webinar on :An art of writing a research article and grant proposal	Online organized byClaspin Tech	05-06August2020
		webinar Tech-Xpert Talk on “LabVIEW for Artificial Intelligence” under VESIT-NI LabVIEW academy	VESIT Renaissance Cell in association with VESIT - IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution Innovation Council), Mumbai,	24July2020
		One Week National Level Online Workshop on “Putting Science and Engineering in Practice using MATLAB”	IETE Students Forum (ISF), Department of Electronics & Communication Engineering, in association with MathWorks, IETE & IEEE Pune, MIT Art, Design and Technology University, Pune	28th July to 1st August 2020.
		short course on "Learn to Design your own Solar Home System"	Online: Energy Swaraj Foundation in association with Sinhgad College of Engineering, Pune.	14Sept2020
		Webinar on Virtual Lab :Effective tool for Teaching and learning	Organized in association with AICTE,Virtual Lab ,center for the system design,NITK Surathkal	10July 2020
		Webinar on “How to Write a Research Paper”	Organized by Department of Civil Engineering, Sinhgad College of Engineering, Pune,	18th July 2020.

	Webinar on Science-Tech. Entrepreneurship and Funding Opportunities”	Online organized by Dept of E&TC,AISSMS , college in association with Venture center	Aug 19th, 2020.
	An Informative Webinar on Scientific Writing	Department of Information Technology, Sinhgad Institute of Technology, Lonavala Campus,	November 24th, 2020
	Emerging Trends & Technologies in Data Science	Organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, Andhra Pradesh	24th – 29th August 2020
	Intellectual Property Rights	Organized byNBNCOE,Lonvala	15th Feb2021
	“One Week Faculty Development Program on Data Science”	Department of Information Technology, Sinhgad Institute of Technology, Lonavala Campus	8th Feb 2021 to 13th Feb 2021
	Participated in “Competition for budding Innovators” on 21st Feb. 2021 for Final Evaluation Phase.	IEEE Sight,Bombay section	21st Feb. 2021
	National level FDP on Green and Secure Communication	organized by, Department of E&TC, Sinhgad Institute of Technology, Lonavala, India, and Technically sponsored by IEEE Bombay Section at IEEE SB SIT	March 15-19, 2021.
	Machine learning Master class(5days)	Pantech Prolabs India Pvt Ltd	19th-23rd April

		Webinar on AI on Healthcare Domain	Pantech E Learning	07Sept2020
		online quiz on "VLSI Technology"	Online-organized by SIT,Lonavala	3-7-2020
Ms.Vijaya G Rajeshwarkar		AICTE sponsored STTP on" Internet of Things and Artificial Intelligence in Smart Communication and Networking"	Dept. of Electronics and Communication Engg. in QIS College of Engineering and Technology.	23/11/2020 to 28/11/2020
		Higher Education 2020: Requirements & Expectations	TPCT's College of Engineering, Osmanabad	8th to 12th July 2020
		Intellectual Property Rights	Organized bySIT,Lonvala	30th July2020
		AICTE sponsored STTP on "Advances in Wireless Technologies and Telecommunication"	organized by Department of Electronics and Communication Engineering, Geethanjali College of Engineering and Technology	August 03-08, 2020.
		One Week AICTE, sponsored National Level Workshop on "Digital Transformation & Pedagogies"	Government College of Engineering, Karad & Walchand College of Engineering, Sangli	August 10-14, 2020
		AICTE sponsored one week STTP on Challenges and Opportunities in Smart City Implementation in IoT Era	organized by Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune	02nd to 07th November 2020.
Dr. S.B. Gholap		3 Days Online STTP on Applications of MATLAB in Mathematics , Science & Engineering	Organized by Department of ElectricalEngineerig in associations with Institutes of Engineers India Nagpur Local	15-17TH SEPTEMBER 2020

			Centre . ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING , NAGPUR	
		AICTE Funded OneweekOnlineShortTermTraini ngProgramon“DIGITALSKILLDEV ELOPMENTFORPROFESSIONALS”	Department of Electronics and Telecommunication Engineering, BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI PUNE-412207 (BSIOTR)	08/02/2021to1 3/02/2021
		AICTE sponsored one week STTP on Energy Efficient Techniques for 5G Wireless Communications	Pune Institute of Computer Technology, Pune	7-12 December, 2020
		short course on "Learn to Design your own Solar Home System"	Maulana Mukhtar Ahmad Nadvi Technical Campus	14Th August 2020
		online one week Faculty Development Program on, “Problem based learning : Real time case studies and industry practices”	Department of Computer Engineering, SIT, Lonavala, Pune.	9th - 13th February 2021
		one week online Faculty Development Program on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE”	Government College of Engineering, Karad	11-15 May 2020
		one week online Faculty Development Program on RESEARCH TRENDS IN MEDICAL IMAGING	Department of Computer Engineering, SKNCOE, Pune.	05-10 Oct. 2020
		one week online Faculty Development Program on Moodle: Learning Managment System (LMS)	Department of E&TC Engineering, SKNCOE, Pune.	13-17 May. 2020



		hands-on Training for "Online Teaching Learning Methodology"	Department of E&TC Engineering, SIT, LONAVALA	1ST August 2020
Mrs. S. K. More		Symposium On Affective Management	NBN SCOE, Pune	8-13 March 2021
		FDP On SE revised Syllabus PCOS	DYP Pimpri	18-20 January 2021
		FDP On Smart Technology Pillars of 5G and Beyond	SITS Narhe	27-31 January 2021
		FDP Green and Secure Communications	SIT Lonavala	15-19 March 2021
		FDP On ADVANCED COMMUNICATION USING IOT & WSN	DYP Akurdi	9-13 Feb 2021
		FDP On Machine Learning & Its Applications	Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji)	16-20 March 2021
		STTP On Cybersecurity and Blockchain Technology	Sanjivani College of Engineering, Kopergaon	22-28 April 2021
		Advancement in IOT,Cyber Security, and Drone Technology	LTCOE , Navi Mumbai	7 <sup>th</sup> to 12 <sup>th</sup> June 2021
	Introduction to Cyber Security	Simplilearn Online	8th June 2021	
Ms. S.S.Patil		STTP on Matlab based teaching-learning mathematics, Science and Engineering	Ramrao Adik Institute of technology, Mumbai	May 18-22, 2020
		FDP on Green and Secure Communications	SIT, Lonavala	Mar 15-19,2021
		International Women's Empowerment Week	career counselling centre of STES Campus Lonavala	Mar 8-13, 2021

	STTP Developing R&D Culture in Educational Institute through Project based Learning (Phase-III)	Poornima college of Engineering, Jaipur	Mar 1-6, 2021
	FDP on Statistical Analysis in Research and Academics	International Journal of Microbial Science and Sushila Shankarrao Gadhave Mahavidhyalaya, Khandala	Sept 1-7,2020
	FDP on Service Oriented Applications:concept, Technology, Design and Development	RMK Engineering College under AQIS, New Delhi	Oct 12-17, 2020
	FDP on Arudino	AISSMS COE, pune	28 May-04 Jun 2020
	FDP on Mathematics: A practical approach in science and technology	DIEMS, Aurangabad	28 Jun-03 Jul 2020
	FDP on Moodle Learning Management System	SITL with IITB	May 01-06,2020
	FDP on Higher Education 2020: Requirements and Expectations	COE, Osmanabad	Jul 08-12, 2020
	FDP on Innovation, Entrepreneurship and its relevance in industry 4.0 Practics in the post covid -19 situation	Terna Engg college	May 25-29,2020
	comprehensive quality initiative for higher education in pandemic era	Uka Tarsadia University, Bardoli, Gujarat	May 26-30, 2020
	FDP on Outcome based education: astep towards excellence	GCOE, Karad	May 11-15, 2020
	FDP on Latex	SITS,Narhe,Pune	May 04-08, 2020

		Webinar on IOT Applications	SITL	10/6/2020
		Webinar on Next generation chip design	Francis Xavier Engg College, Tirunelveli, tamilnadu	
		Webinar on Genius Code-Science of PEAK Performance	AISSMS COE,Pune	
		Webinar on UG Project Management (A PBL Approach)	JSPM's RSCOE	
		Webinar on youth and nation	JZ Shah Arts and H p Desai Commerce College, Amroli in collaboration with IQAC	
		Webinar on integrated use of intellectual property right	Swaenandhra college of Engineering and technology	
		Webinar on Understanding Innovation/ Incubation Policy of MHRD Govt of India	SITL	
		IPR	SITL	
		Webinar series on Digi-Tech Teaching Learning -2020	SITL	
		Webinar series on Scope of Nanomaterials in Engineering and Technology	MMCOE, Pune	
		Webinar on IPR-All must know	DPES,Pune	
		Webinar on how the agri and iot get connected	Mohemed sathak Engg. College	
		Webinar on Roles of IOT on industrial Applications	Sethu Institute of Technology	
		Webinar on ML for Health care application	Sreyas institute of Engg and technology	
	Prof.D.N.Duch e	Intellectual Property Rights	Organized bySIT,Lonvala	30th July2020

		hands-on Training for "Online Teaching Learning Methodology"	Department of E&TC Engineering, SIT, LONAVALA	1ST August 2020
		"One Week Faculty Development Program on Data Science"	Department of InformationTechnology,	8th Feb 2021 to 13th Feb 2021
		"An Informative Webinar on Scientific Writing"	Department of InformationTechnology,	November 24th, 2020
		5 Days Online Training "Mechatronics Lab Experiments With Virtual Kits"	Department of Electronics and Telecommunication Engineering,Pune Institute of Computer Technology,Pune	6-10 october 2020
		2 day Online Faculty Orientation Workshop on SE(E&TC/ Electronics) Revised Syllabus 2019Data,Analytics Lab	Department of E&TC , Army Institute of Technology,	(21-22 Jan 2021)
		"International Women's Empowerment Week",organized by, CareerCounselling Center	Department of E&TC Engineering, SIT, LONAVALA	08th March2021 to 13th March 2021.
		STTP on the topic Statistics for AI & ML	IEEE SIT,Student Branch	22/02/2021 - 26/02/2021
		Intellectual Property Rights:Patenting in India	NBNCOS,Lonavala	15th Feb 2021
	Dr.R.V.Babar	Attended Faculty Development Program on "Smart Technology Pillars of 5G and Beyond"	SITS, Narhe	January-2021
		Attended e week online FDP on "Emerging Trends and Challenges: ML, IOT and Cyber security"	SKNCOE, Pune	January-2021
		Attended Advanced Communication using IOT & WSN	DYP, Akurdi	Feb-2021
		Attended one week online STTP on Statistics for AI and ML	SIT, Lonavala	Feb-2021
		Attended one week online FDP on "Data Science"	SIT, Lonavala	Feb-2021

	Attended one week online FDP on “Project based Learning: Real time case studies and Industry practices”	SIT, Lonavala	Feb-2021
	Attended one week AICTE Sponsored STTP Phase-I on “VLSI Design and Verification”	AITS, Rajampet (AP)	March-2021
	Attended Faculty Development Program on “Smart Technology Pillars of 5G and Beyond”	SITS, Narhe	January-2021
	Attended Two week online FDP on “RISC-V VLSI Implementation flow-RTL2GDS ”	Electronics & ICT Academy Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India Indian Institute of Technology Guwahati	March-April
	Attended one week AICTE Sponsored STTP Phase-II on “VLSI Design and Verification”	AITS, Rajampet (AP)	April-2021
	Online training on Full- Custom and Semi-custom design flow in VLSI using Cadence Tool	Crescent Inst. of Science and Technology	April-2021





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**Department of Electronics and Telecommunication Engineering**

**Student Training Program**  
**A.Y. 2020-2021[Semester-I]**

**SUMMARY**

<b>Activity</b>	<b>Target Student</b>	<b>Date</b>	<b>Page No.</b>
Student Training Program-II	SE(E&TC)	Sept. 2020	65
Student Training Program-IV	TE(E&TC)	Sept. 2020	67

**Prof. S.S.Patil**  
**(Coordinator)**



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:-</b>	<b>1</b>
<b>Title:</b>	<b>Student Training Program-II</b>
<b>Date:</b>	5th Feb to 26th March 2021
<b>Day:</b>	Tuesday
<b>Venue:</b>	Microsoft Team.
<b>STPTime:</b>	3pm to 5pm
<b>Staff Coordinator:</b>	Prof. Vijaya G. Rajeshwarkar
<b>Event Conducted Under:</b>	Prof. M.S.Raut Prof. P.A. Kamble
<b>Event Conducted Under:</b>	STES
<b>Activity Type:</b>	Training Program
<b>Target Group:</b>	SE students

### Brief Summary about Activity:

Training on Communication Skills-Part II-Listening, Reading (Technical and Non-technic Writing (Letter, Resume, CV, Report), Speaking (Public speaking, Group Discussion).

#### Need

- To build a personality equipped with exquisite technical and non-technical skills.
- The objectives of this program are to
- Enhance the employability opportunity
- Prepare students for entrepreneurship
- Prepare students for higher education in India as well as Abroad

#### OVERVIEW OF STP-2

- Provides training and awareness on basic 4 pillars of communication
  - A) Listening
  - B) Writing
  - C) Reading
  - D) Speaking
- Spread over 9 weeks of the semester.
- Weekly a 2 hour session on one of the pillars of communication.
- In-house trained faculty members provide the training to the students.

### Photographs of Activity:



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## Department of Electronics and Telecommunication Engineering

<b>EVENT NO:</b>	<b>02</b>
<b>TITLE:</b>	<b>STUDENT TRAINING PROGRAMME- IV</b>
<b>Date:</b>	21 May2021 & 28 May 2021
<b>Day:</b>	Friday
<b>Venue:</b>	SIT, E&TC Department
<b>Time:</b>	02.00pm-03:00pm
<b>Staff Co-ordinators:</b>	Prof. S.K.More, Dr.R.V.Babar, Prof. P.R.Dike
<b>Event Conducted Under:</b>	Department of E& TC
<b>Activity Type:</b>	Student Training Program
<b>Target Group:</b>	All TE Students of E&TC Department

### Brief Summary about Activity:

Each faculty member is allotted with 3 students of third year Engineering. Each Faculty supposed to give minimum three research papers of their field to the allotted students. Make them to write one good review paper in IEEE format individually.

“To enrich quality of students by empowering them in research with TECHNICAL PAPER WRITING”.

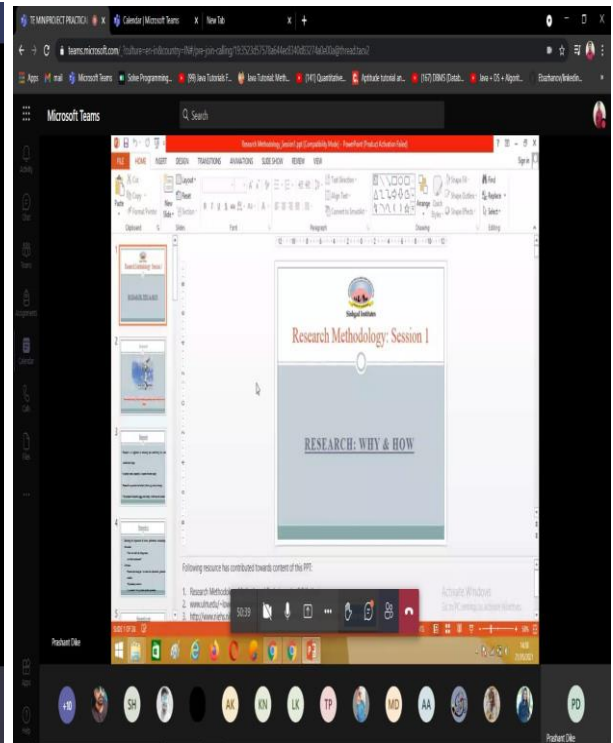
1. Program to be implemented for T.E. students
2. Program to be a coordinated efforts of all the staff members working in dept.
3. Students undergone through the three search modules like Research why & how, Literature Review and Technical writing.
4. To be implemented in 6<sup>th</sup> semester.
5. Training on Technical paper writing skills

### Photographs of Activity:

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

### Literature Review

- Review of existing literature is one of the essential preliminary task when undertaking research work
- Review of literature can be time consuming as well as frustrating at times
- However, review of literature is rewarding for following reasons:
  - it is the platform on which argument (in turn the research problem) is built, research is justified and it is demonstrated how research improves the chosen discipline



Microsoft Teams

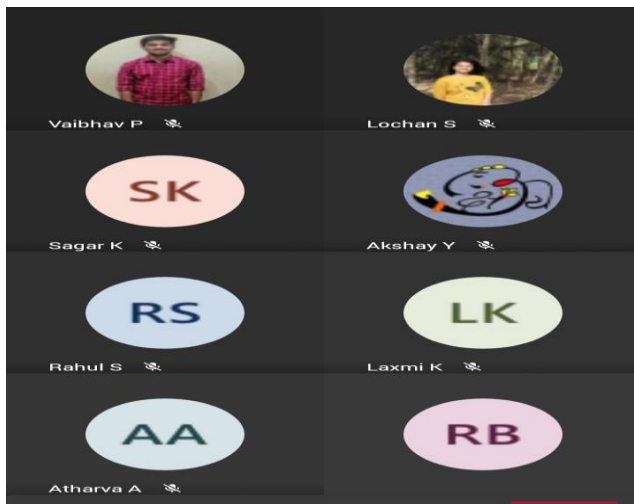
Search

Research Methodology: Session 1

RESEARCH: WHY & HOW

Following resource has contributed towards content of this PPT

- Research Methods
- www.studocu.com
- www.researchgate.net



Vaibhav P

Lochan S

SK

Sagar K

Akshay Y

RS

Rahul S

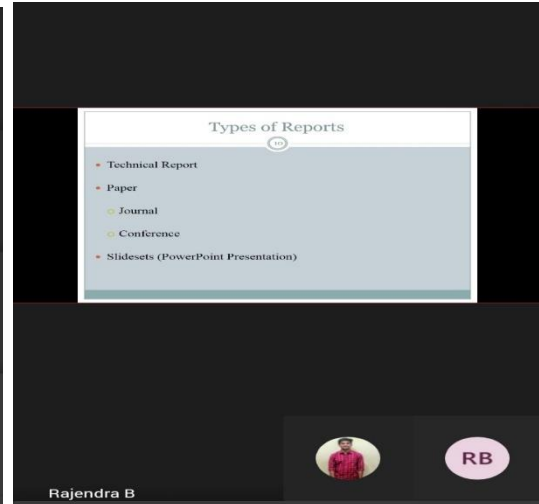
LK

Laxmi K

AA

Atharva A

RB



### Types of Reports

- Technical Report
- Paper
- Journal
- Conference
- Slidesets (PowerPoint Presentation)

Rajendra B

RB

**Teacher Guardian**

**INDEX**

**List of Teacher Guardian**  
**Academic Year 2020-21 SEM II**

Sr. No	Class	Class Teacher	Roll No.	Location	Name of TG	Contact no.
1	SE	Prof.P.R.Dike (9422014174)	01 To 22	B-105	Prof.P.A.Kamble	9423224759
2	TE	Dr.D.S.Mantri (9922431612)	01 To 15	B-106	Dr. R. V. Babar	7588048922
3			16 To 30	B-102	Prof. M. K.Bhosale	7588628575
4			31 To 46	B-208	Prof. D. N. Duche	7722035203
5	BE A	Prof. V.S.Baste (9881431811)	01 To 21	B-101	Prof.S.S.Patil	9922431617
6			22 To 43	B-202	Prof.D.B.Patil	7385312728
7			44 To 63	B-107	Prof. M. S. Raut	9765550636
8	BE B	Dr.S.B.Gholap (9763461767)	01 To 32	B-204	Prof. D. K. Shende	9011042725
9			33 To 64	B-201	Prof. A.A. Labade	9890190671

**Note:**

- 1. A teacher guardian should maintain all records of student.***
- 2. If student remains absent for continuous three lectures then teacher guardian will bring it to notice of respective to the H.O.D.***

*Rajeshwarkar*

Prof. V.G.Rajeshwarkar  
TG Incharge



*Choudhary*

Dr.D.D.Choudhary  
HOD E&TC





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## Department of Electronics and Telecommunication Engineering

### TG EVENT Details

<b>Title:</b>	<b>TG Activity Report (Sem-II 2020-21)</b>
<b>Date:</b>	SEM II
<b>Day:</b>	Every Wednesday
<b>Venue:</b>	Microsoft Team
<b>Time:</b>	10:45 am to 11:15am
<b>Total TG Meeting conducted</b>	11 (SEM II)
<b>Staff Co-coordinator:</b>	Prof. V. G. Rajeshwarkar
<b>Activity Type:</b>	TG meetings
<b>Target Group:</b>	SE,TE,BE STUDENTS
<b>Program Outcome:</b>	Parental relation is developed between faculty and student.

#### Brief Summary about Activity:

- Teacher Guardian meet is conducted on every Wednesday for 30 minutes.
- Each teacher is assigned 20 students to have one to one interaction with them.
- In this semester total Twelve (12) TG meetings were conducted.
- 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.



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## Department of Electronics and Telecommunication Engineering

<b>Title:</b>	<b>Department Library</b>
<b>Venue:</b>	B-202, EnTC Dept., SIT Lonavala.
<b>Staff Co-coordinator:</b>	Prof. S.K.More
<b>Target Group:</b>	SE,TE,BE students and Faculties

### Brief Summary about Activity:

In our Dept. Library, there are around 104 reference books, 42 text books, 120 proceedings and magazines, projects reports of all year, seminar reports, and NPTEL videos. Students access the project reports for their reference. Also some refers books. Report for the same has been maintained from AY 2012-13. In dept. Library, there are 131 NPTEL videos of almost all subjects on specific topics are there which are accessed by our students. Some of our faculties also provide K-POINT (e- learning) of their respective subjects.

### New arrival AY 2018-19:

- Reference Books: 02
- Text Books: 02
- NPTEL Videos: 20
- Proceedings And Magazines: 07
- E-Material: 30

### New arrival AY 2019-20:

- Reference Books: 02
  - Text Books: 02
  - NPTEL Videos: 10
  - Proceedings And Magazines: 01
- E-Material: 30



**Research Center**

**R & D**

**Sem. I Academic Year 2020-21**

**Summary**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Book Publications	Chapter Publication
2	Paper Publications	18
3	Patents	03

**EVENT NO:- 1**

**PAPER PUBLICATIONS**

**SUMMARY SEM-II**

SR NO.	NAME OF THE STAFF	Particulars						TOTAL
		NO.OF PUBLICATION IN						
		NC	NJ	IC	IJ	Patent	Book	
1	Dr.M.S .Gaikwad							-
2	Dr.D.D.Chaudhary	1			1	1		3
3	Dr.D.S.Mantri	2	-	-	1			3
4	Prof.V.V.Deotare							
05	Dr.S.B.Gholap	2	-	-				2
06	Dr.R.V.Babar							
07	Prof.V.S.Baste	2	-	1	2	1		6
08	Prof.D.K.Shende	1	-	-	5	1		7
09	Prof.S.K.More	2	-	-	2			2
10	Prof.D.N.Duche	1	-	-	-			1
11	Prof.M.S.Raut	-	-	-	-	1	1	2
	<b>Total</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>4</b>		<b>26</b>

S r. N o	Title of Activity	Authors	Date	Journal/ Conf.	ISBN/IS SN No	DOI
1	IOT Based SmartyChef-Automated Electro- Meachanical Chef	Prof D.K.Shende	May 2021	IEEE TECHNICONKNOCKDOWN-2021	978-81-992245-3-6	
2	Aquaponics System For Modern India	Prof D.K.Shende	May 2021	Journal of Emerging Technologies and Innovative	2349-5162	

				Research-UGC Approved Journal No: 63975		
3	A Comprehensive Survey of the Routing Schemes for IoT applications	Prof D.K.Shende	29th June 2020	Scopus Indexed Journal Scalable Computing: Practice and Experiences	1895-1767	10.12694:/scpe.v21i2.1667
4	Detection of Water Contamination With Respect to Different Parameters Using IOT Based Multicast Routing	Prof D.K.Shende	June 2020	Journal of Scientific Computing UGC-CARE Group 2	1524-2560	
5	Bandicoot: Drain Clog Detection and Prevention to support Swatch Bharat Abhiyan	Prof D.K.Shende	June 2020	AEGAEUM JOURNAL-UGC Care Approved Group II	0776-3808	<a href="http://aegaeum.com/gallery/agm.i-3183.129-f.pdf">http://aegaeum.com/gallery/agm.i-3183.129-f.pdf</a>
6	Embodiment Well Rescue Intelligent Device With Real Time Feed For Safety Lift	Prof D.K.Shende	June 2020	AEGAEUM JOURNAL-UGC Care Approved Group II	0776-3808	<a href="http://aegaeum.com/">http://aegaeum.com/</a>
7	Published Patent A device for rescue from borewell	Prof D.K.Shende	1 June 2020	Indian Patent Journal	-	<a href="http://www.ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4933_1/Part-1.pdf">http://www.ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4933_1/Part-1.pdf</a>
8	Smart City Applications in Different Fields	Prof.S.K.More	Nov 2020	IJSRD - International Journal for Scientific Research & Development	2321-0613	
9	Spying RoboCrawler	Prof.S.K.More		PENSEE JOURNAL	031-4773	



10	Study of Open Circuit Fault Diagnosis in VSI using Discrete Wavelet Transform and Machine Learning Approach	Prof. Vaishali Sonawane	Sept2020	Scopus index journal- International Journal of Advanced Science and Technology	ISSN: 2005-4238 IJAST Copyright © 2020 SERSC	
11	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Prof.Vaishali Sonawane	April 09-10,2021	Springer International conference on communication and cyber physical Engineering(I CCCE)		
12	Survey on development of convenient health monitoring system for pregnant women in rural area	Prof.Vaishali Baste,	1-1-2021	International journal of computing and Artificial Intelligence	P-ISSN:2707-6571,E-ISSN:2707-658X	<a href="http://doi.org/10.33545/27076571">http://doi.org/10.33545/27076571</a>
13	Intelligent Sanitization Robot	Prof.Vaishali Baste,	May-2021	IEEE TECHNICONK OCKDOWN-2021	978-81-992245-3-6	
14	Comatose Patients Monitoring system	Prof.Vaishali Baste,	30/05/2021	IEEE TECHNICONK OCKDOWN-2021	978-81-992245-3-6	
15	Automatic Sanitization System for Transportation And Auditorium	Dr.Sharad Gholap,	30/05/2021	IEEE TECHNICONK OCKDOWN-2021	978-81-992245-3-6	
16	Measuring and Monitoring of Chemical Reactor using PLC	Dr.Sharad Gholap,	30/05/2021	IEEE TECHNICONK OCKDOWN-2021	978-81-992245-3-6	

17	A Smart Prioritized Ambulance Service With Intelligent Traffic Control System	Dr. D.D. Chaudhary,	30/05/2021	IEEE TECHNICON OCKDOWN-2021	978-81-992245-3-6	
18	EEHRP: Energy Efficient Hybrid Routing Protocol for Wireless Sensor Networks	Dr.D.S.Mantri	30/02/2021	Journal of Mobile Multimedia.	1550-4654, Vol.17 issue 1-3	10.13052/jmm1550-4646.171315
19	Ubiquitous Networks: A Need of Future World of Things	Dr.D.S.Mantri	26/04/2021	International Journal of ICT		Submitted
20	Self-balancing Robot	Dr.D.S.Mantri	30/05/2021	IEEE TECHNICON OCKDOWN-2021	978-81-992245-3-6	Published
21	IoT based Thief Detection and Surveillance System using Raspberry Pi	Dr.D.S.Mantri	30/05/2021	IEEE TECHNICON OCKDOWN-2021	978-81-992245-3-6	Published
	Chapter Published in Springer Book Optical and Wireless Technology	Prof. M.S.Raut	28/05/2021	Springer		Published

**Dr.S.B.Gholap**  
**(Research Center In-charge)**



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## Department of Electronics and Telecommunication Engineering

### Internship

#### SUMMARY

A.Y. 2020-21 SEM-II

Sr. No.	Class / Course	No. of students for internship	Coordinated by	Date/Duration
01	Internship on Digital Learning	1	Prof. D. B. Patil	1 Month
	Internship on Cyber Security	1	Dr. S. B. Gholap	2 Months
	Internship on Programming Languages	1	Dr. S. B. Gholap	1 Month
	Internship on Programming Languages	1	Prof. D. B. Patil	2 Months

**Prof. D. B. Patil**  
**(Internship Coordinator)**