Sinhgad Institutes

Sinhgad Technical Education Society's
Sinhgad Institute of Technology Lonavala, Pune

Electronics & Telecommunication Engg.

Departmental Activity Report

AY 2021-22   Semester – 1 & 2
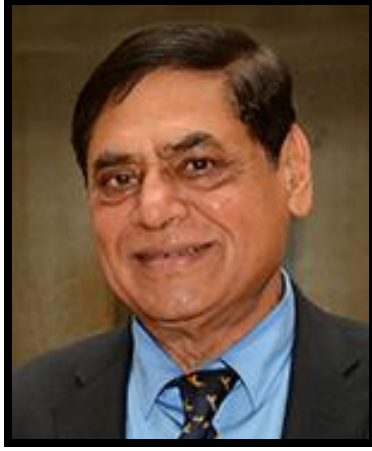
(July 2021-Dec 2021) & (January 2022-June 2022)

Prepared by,

PROF. S. K. MORE

FOUNDER PRESIDENT MESSAGE

Prof. M .N. Navale

तमसो मा ज्योतिर्गमय, Lead us to the light.

Education is light. Education is the way to a larger purpose. As an educationist, almost two decades back, I looked at all that could be corrected in the educational system. Sinhgad Technical Education Society was our humble effort to bring education to more people. Education that they need. Education that they desire for. Education that is now within their reach.

It is this environment of excellence and freedom that we have built into our institutions. Every time I see a child struggling with the complexities of a syllabus, I just say, look deep, it is simple. In the twelve campuses and our 117 institutes, we have just kept one thing common, a burning ambition. We have come a long way. And what we cultivate in our students, we keep alive for ourselves. The ambition to build India into an educational leader in the world. We walk on, with faith, with commitment and with grace.

Come join us in our march towards light.

Reassuringly

Prof. M. N. Navale

Founder President, Sinhgad Institutes

FOUNDER SECRETARY MESSAGE

Dr. (Mrs.) Sunanda Navale

You won't be denied

We have seen an unthinkable growth in institutions all around us. We just happen to be a trend-setter. As we set the ball rolling, many joined even unawares that they were helping our mission. In a world which is seeing unprecedented changes and evolution, trends are created every day. We keep up to our commitment of being the leader.

After all what is the premise of all education? Building a person to be the best he can. Making him achieve his full potential and helping him integrate with the world around him. And while doing this, we create leaders. Look around yourself. You would have met seen or interacted with at least one of our alumnus. These young minds that come here with dreamy eyes, walk out with confidence and humility. With a passion to achieve his / her true calling.

Our pedagogy would keep adapting to the needs of the hour, but our approach of care and concern shall always be at the nucleus of our system.

Each life is a heavenly dream, we assure you, dreams are not denied, and we will walk with you, whatever it takes.

Wish all the best.

Reassuringly

Dr. (Mrs.) Sunanda Navale

Founder Secretary, Sinhgad Institutes

VICE PRESIDENT (ADMIN) MESSAGE

Ms. Rachana M. Navale

Some tools shape our destiny.

Passion, expertise, excellence and humility are the hallmarks at Sinhgad Institutes. When you walk through our campuses, at times you would be awed by the sheer energy around you. We take every possible step to continuously outdo ourselves. With some of the best facilities that you have ever experienced in any institution, we just keep moving forward.

Learning deserves a befitting environment. Self-contained campuses, at the seat of nature, technology and wisdom having a silent interaction, cultures mingling without semantics, life essaying the king's course. All that you experience when you are here, with us.

We reserve some special favours for the women in our campus. Safety, dignity and opportunity. It deserves a special mention as many educational institutes today do not value this simple basic. Our society grows as far as our leading ladies.

Education is the light, education is the way. It is the tool that alters the path of our lives. At Sinhgad, we hand you this tool with all the accessories. Learning here is not just fun, it is a life-changing experience.

Remember, few choose to walk the road to greatness.

Wish all the best.

Sincerely

Ms. Rachana M Navale

V.P. Admin, Sinhgad Institutes

Vice President (HR) Message

Mr. Rohit M. Navale

A young mind knows no barrier.

The power of India lies in the power of youth. We are a nation of young Turks. A young population which is breaking the bounds set by the previous generation. Almost kids who are starting companies which have enviable equity. If we sit back and think how it has become so real, the answer is, we live in a knowledge society.

Creating an environment that is pro-youth and is potent with freedom, we are helping build the next generation of leaders. If you come to our tech-fest, or Karandak, or are an audience to any of the thousands of activities at our campuses, you would see a young vibrant India forming in the ranks.

I urge you all to experience the magic of youth at Sinhgad. Walk with us for we are forever young, age does not impede our learning. We keep our cups empty for the potion of knowledge to be filled again and again.

All barriers shall fall away when the brightness of youth comes to work!

Wish all the best to.

Resourcefully yours

Mr. Rohit M. Navale

V.P. HR, Sinhgad Institutes

PRINCIPAL MESSAGE

DR. M. S. Gaikwad

Our Institute is dedicated to meet the students' aspirations for excellence in Technical education and rest assured it is the ultimate destination to groom your talents in the field. It has 200 acres of well-planned and superbly maintained campus area in a natural environment. Welfare amenities like Canteen, Sports complex, Hospital etc have been provided to make campus-life smooth, comfortable and enjoyable.

As a residential campus, we offer courses (in addition to the curriculum) like Skill-development, Lab Innovations studies and other value-adding programs as per the industry standards & requirements. The Training & Placement Officer prepares individuals to face Job Interviews. Our Corporate Training Centre provides an opportunity for the student to interact with the industry. Scholars are encouraged to participate and broaden their personality.

We aim to develop SIT as a national benchmark in engineering education with the use of ICT, Project Based Learning and collaborations with reputed International Universities.

Our desire is to mold students into professionals with Integrity & Commitment to their goals and concern for the Society.

Welcome All - To our ELITE campus and wish all the best.

Dr. M. S. Gaikwad

Principal

HOD MESSAGE

Dr. D.D.Chaudhary

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

A few highlights about the department include industry-institute interactions along with MOU's signed, sponsored universities research projects, value addition programs, faculty interaction with the outside world and life skill activities. Apart from teaching, faculty members are deeply engaged in research work and scientific collaboration in national and international projects. Department has been granted more than Rs. 30 lakhs from International /National University and Industries. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level. Department has been conducting hands on workshop/seminar / conferences under different clubs like IEEE, IE, IETE,ISTE eSITizen, IITB spoken tutorial since its beginning to keep the faculty and students to enhance the knowledge in their domain. We also have NPTEL and Virtual Lab Nodal centre. Recently we started Career Counselling Centre to guide the students in all field of life. Incorporate excellent teaching learning practices to create a centre of excellence that strives research creativity, product development with project based learning (PBL) and learning beyond wall ,which is recognized by National and International level.

Wish all the best.

Dr. D.D.Chaudhary

Vice-Principal & HoD of EnTC Deptt.

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Activity Plan of E &TC Department

Academic Activities	Co-Curricular Activities	Faculty Development And Industry Interface
- Teaching Plan. - Self-Learning Sessions. - Attendance - Teacher Guardian Scheme - Continuous Assessment - Need based in house Training Programmers - Continuous Up-gradation of Laboratories & Departmental library - Open Feedback - Unit Tests, Prelim Examination - Well defined Internal Assessment Scheme	- LCD Presentations - Group Discussion - Departmental Activities - Invited talks by Industry Experts/Corporate /Academicians - Technical quizzes / Techtonic - Industry Projects / Project exhibitions - College / Wall Magazine - Social / Cultural Programs / Sport	- In-house Training (Personal Interactions, Meetings / quality improvement workshops) - Industry exposure[MOU] - Participation in workshops conducted by Industries / other institutes of eminence - Motivation for higher Education - Campus Connect / extension programs - Industrial visits - Training & Placement Activities - Seminars & Conferences

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Intake

Sr. No.	Course	Intake
1.	U.G. Courses	90
Total		90

Actual Admitted Students

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

University Results of Semester-I (2021-22)

Class	E&TC
SE	95.59%
TE	100%
BE	100%

University Results of Semester-II (2021-22)

Class	E&TC
SE	69.70%
TE	100%
BE	93.33%

GATE Qualified students

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Sr. No.	Name of the Student	GATE %	Scaled Score
1.	Druve Kumar	10	
2	Ashwin Waghmare	6	
3	Shubham Parab	6	

Faculty Position

Professors	Associate Professor	Assistant Professor	Total
03	02	26	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, Hydrabad
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. P. C. Latane	SGVU, Jipur.
11.	Prof. V. S. Baste	BSCOER, Pune

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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)	37(5)	02/05/12
02	Dr. D. D. Chaudhary	Professor & Vice Principal	Ph. D. M.E. (Electrical)	37(14)	26/12/06
03	Dr. D. S. Mantri	Professor	Ph. D. M.E. (Electronics)	28(15)	03/07/06
05	Prof. S. S. Patil	Assoc. Prof.	Ph. D. Pursuing M.E. (Electronics)	26(15)	15/06/06
06	Dr. S. B. Gholap	Assoc. Prof.	Ph. D. M.E. (Electronics)	27(16)	15/06/06
07	Prof. P. R. Dike	Asst. Prof.	Ph. D. Pursuing M.E.(Electronics)	17(15)	06/07/05
10	Prof. S. S. Bhardwaj	Asst. Prof.	M.E. (Electronics)	18(14)	27/01/07
11	Prof. V. S. Baste	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	17(14)	01/08/07
12	Prof. D. K. Shende	Asst. Prof.	Ph. D. Pursuing M.E. (VLSI and Embedded Sys.)	18(13)	01/01/08
13	Prof. A. A. Labade	Asst. Prof.	M.Tech.(E&TC)	18(13)	14/07/08
14	Prof. V. G. Rajeshwarkar	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	24(11)	15/06/10
15	Prof. S .K. More	Asst. Prof.	Ph. D. Pursuing M.Tech. (Electronics)	12(10)	18/07/11
15	Prof. M. K. Bhosale	Asst. Prof.	M.E. (Electronics) Perusing PhD	11(10)	02/07/12
16	Prof. S. A. Bhad	Asst. Prof.	M.E. (Electronics)	17(9)	02/07/12
17	Prof. D. N. Duche	Asst. Prof.	M.E.	13(8)	24/06/13
18	Prof. D. B. Patil	Asst. Prof.	Ph. D. Pursuing M.E. (Electronics)	12(8)	01/07/13

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19	Prof. M. S. Raut	Asst. Prof.	M.Tech. (Control System)	9	29/07/13
20	Mrs. Kothawade	Asst. Prof	M.E. (VLSI & Embedded)	16	27/06/2018
21	Mr. V. S. Bari	Asst. Prof	M.E. (VLSI & Embedded)	9 Months	2/03/2022

Non-Teaching Staff

Sr. No.	Name Of Faculty	Designation	Qualification	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
04	Ms.Dipali Mali	LA	BSC	5	4/11/2015

*TA-Technical Assistant   ***LA-Lab Assistant**

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Funded Research Projects

A.Y.	Name of Faculty	Title of Project	Funded By	Amount of Funding in Rs.
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/-

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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

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Activity Incharges of E &TC Department

Activity Chart for A.Y.2021-22 Sem-I

Sr. No.	Name of the Faculty	College level Activity	Department level Activity		
		1	1	2	3
1	Dr.Chaudhary D.D.	Vice-Principal, NAAC , IQAC, Virtual Lab, IIC, NISP,	HOD,	NAAC , IQAC	Admission Co-ordinator
2	Dr.Mantri D.S.	NBA	NBA	NAAC,FDP,WS, Conferences	Admission Co-ordinator
3	Dr.Gholap S.B.	__	R&D Coordinator, Consultancy & Funding	NBA, NAAC,FDP,WS,	Admission Co-ordinator
4	Prof.Patil S.S.		STP Coordinator, Online feedback Of Students	Vodafone Club, Wall Magazine,	Admission Co-ordinator
5	Prof.Dike P.R.		WS/Conferences Attended / Conducted (For Students), Project Coordinator (TE)	QAP, Parent Meet, NPTEL, Virtual Lab	Admission Co-ordinator
6	Prof.Kamble P.A.	Foreign Language	Spoken Tutorial/IITB	Business Club	Admission Team Members
7	Prof.Baste V.S.	IEEE Co-ordinator	WS/FDP/STTP/Conferences Attended / Conducted(For Staff)	CA & Mid term assessment coordinator	Admission Team Member
8	Prof.Shende D.K.	__	IETE club, Project Coordinator (BE), Patent Coordinator	Facebook Updation, Dept.Activity monitoring,	Admission Team Member
9	Prof.Labade A.A.	__	Time-Table Incharge. Industrial Visit, Quantum learning	Subject Days Celebration,UOP exam (Pract/Insem)	Admission Team Member
10	Prof.Rajeshwarkar V.G.	__	ISTE,TW Co-ordinator, TG Coordinator	PBL Coordinator, STP-S.E.,	Admission Team Member
11	Prof. More S.K.	__	e-SITzen Club, Dept..Library, STP-T.E	Academic Report, News Letter,	Admission Team Member
12	Prof.Bhosale M.K.	__	T & P, QA & LR	Alumini Meet, VAP,ED Coordinator	Admission Team Member
13	Prof.Bhad S.A.	Engineering Science Dept			Admission Team Member

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14	Prof.Duche D.N.	__	IE Coordinator, Dept.Exams, SPPU TH Exam Co-ordinator,	Remedial Classes, Kshitij, Publications	Admission Team Member
15	Prof.Patil D.B.	Student Welfare Coordinator	Internship Co-ordinator, Feedback from Stake Holders, Robotics club	Guest Lecture,CCC	Admission Co-ordinator
16	Prof.Raut M.S.	Techtonic ,CCC Head, Online FeedBack	GATE, GRE, TOEFL/AMCAT /	MOU's, IIIC	Admission Team Member
17	Prof.Shinde S.D.	Engineering Science Dept			Admission Team ,Members

Activity Incharges of E &TC Department

Activity Chart for A.Y.2021-22 Sem-II

Sr. No.	Name of the Faculty	College level Activity	Department level Activity		
		1	1	2	3
1	Dr.Chaudhary D.D.	Vice-Principal, NAAC , IQAC, Virtual Lab, IIC, NISP,	HOD,	NAAC , IQAC	Admission Co-ordinator
2	Dr.Mantri D.S.	NAAC, NBA	NBA	NAAC,FDP,WS, Conferences	Admission Co-ordinator
3	Dr.Gholap S.B.	__	R&D Coordinator, Consultancy & Funding	NBA, NAAC,FDP,WS,	Admission Co-ordinator
4	Prof.Patil S.S.		STP Coordinator, Online feedback of Students	Vodafone Club, Wall Magazine, Web-Site Updation	Admission Co-ordinator
5	Prof.Dike P.R.		WS/Conferences Attended / Conducted (For Students), Internship-Coordinator (TE)	QAP, Parent Meet, NPTEL, Virtual Lab	Admission Co-ordinator
6	Prof.Baste V.S.	IEEE Co-ordinator	WS/FDP/STTP/Conferences Attended / Conducted(For Staff)	CA & Mid term assessment coordinator	Admission Team Member

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9	Prof.Rajeshwarkar V.G.	__	ISTE,TW Co-ordinator, TG Coordinator	PBL Coordinator, STP-S.E.,	Admission Team Member
10	Prof. More S.K.	__	e-SITzen Club, Dept..Library, STP-T.E	Academic Report, News Letter,	Admission Team Member
11	Prof.Bhosale M.K.	__	T & P, QA & LR, Internship-Coordinator (TE)	Alumini Meet, VAP,ED Coordinator	Admission Team Member
12	Prof.Bhad S.A.	Engineering Science Dept			Admission Team Member
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15	Prof.Raut M.S.	TPO, Techtonic , CCC Head, Online FeedBack	GATE, GRE, TOEFL/AMCAT / Project Coordinator (TE)	MOU's, IIIC	Admission Team Member
16	Prof. Suchital Wagh	Foreign Language	Spoken Tutorial/IITB	Business Club	Admission Team Members
17	Prof. V.S.Bari	Student Welfare Coordinator	Internship Coordinator, Feedbace from Stake-Holders, Robotics Club	Guest Lecture, CCC	Admission Team Members

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Summary of the Event:

Event	No of Staff	Abbreviation	Event	No of Staff	Abbreviation
Publication	19	P	National Conference	-	NC
Consultancy	-	CN	International Conference	1	IC
Funding	-	F	Faculty Development Programme	05	FDP
Short Term Training Programme	1	STTP	Workshop	10	W

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Dr. D. D. Chaudhary

(Vice-Principal & HOD E&TC)

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SIT Student Branch

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

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IEEE SIT Student Branch 2021-22

Executive Committee

Ms. Akanksha Sathawane	Chair
Ms. Lucky Singh	Vice-chair
Mr. Devansh Patil	Secretary
Mr. Arya Patil	Human Resource
Mr. Shivam Tiwari	Treasurer
Ms. Manali Oswal	Membership Development Chair
Mr. Samartha Nirmal	Web Master
Mr. Kavish Gidwani	Public Relationship Officer & Publicity Head
Ms. Aishwarya Jadhav	Event Head
Mr. Ayush Mishra	Design & Creativity Head
Mr. Rishabh Kumar	Registration Head
Ms. Leena Ukey	Documentation Head
Mr. Abhishek Ranjan	Technical Head

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Ms. Sharayu Moon	Content & Media Head
Mr. Aman Chaudhari	Photography Head
Mr. Akash Wani	Joint Photography Head
Mr. Prasad Jain	Logistics Head
Mr. Vinod Rathod	Joint Logistics Head
Ms. Kalyani Dhande	Hospitality Head

Summary sheet of Events

Sr. No.	Name of Event	Activity Conducted Under	Date	Page No.
01	Teacher's Day and Engineer's Day Celebration	IEEE Student Chapter	15/09/2021	
02	IEEE Day Celebration	IEEE Student Chapter	05/10/2022	
03	PCB Designing Workshop	IEEE Student Chapter	09/10/2021	
04	Web Winners Week	IEEE Student Chapter	28/10/2021 - 31/10/2021	
05	FE and DSE Induction Program	IEEE Student Chapter	24/12/2021	
06	Quizards	IEEE Student Chapter	26/03/2022	
	IEEE National conference-TKD-22		05/06/2022	

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

EVENT NO:- 1

TITLE: TEACHER'S DAY & ENGINEER'S DAY
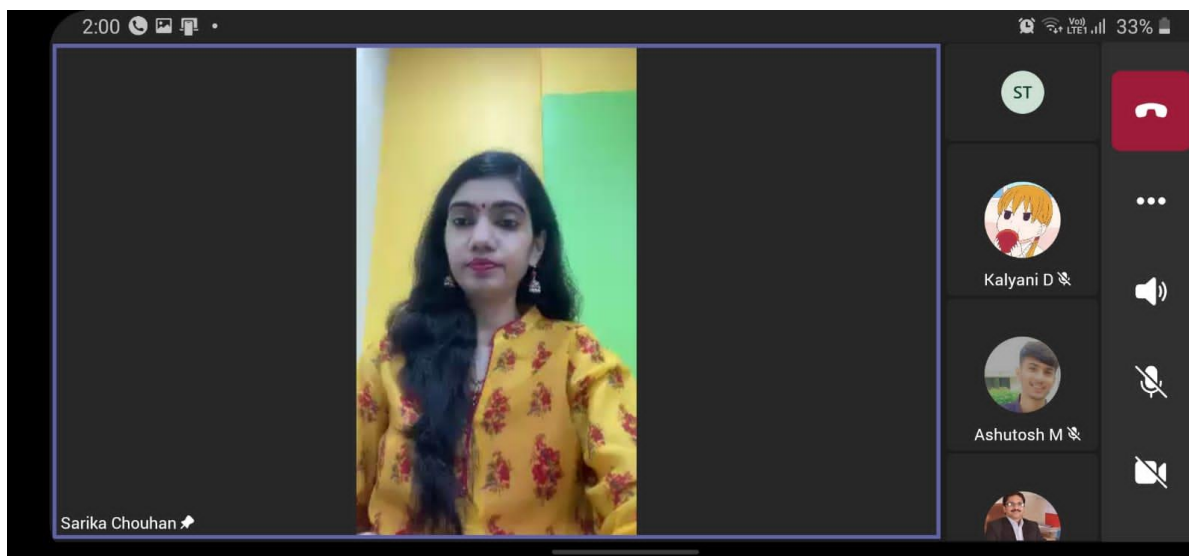
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Objectives: To Acknowledge the students about the role of engineer towards the nation under the theme of 'Engineer for a Self Reliant India'. Felicitating teachers and students, and exhibiting mini-projects made by the students.

Date: 15th September, 2021

Day: Wednesday

Online Platform: Microsoft Teams

Time: 01:15 PM Onwards

Chief Guest: Dr. Sarika Chauhan

Staff Co-ordinators: Prof. Vaishali Baste (IEEE SIT SB Branch Counsellor)
Prof. P.S. Patil (HOD, Applied Science)

Student Co-ordinators: IEEE SIT SB Executive Committee

Teacher's & Engineers Day Event Conducted Under: Student Branch of IEEE SIT, Lonavala

Activity Type: Felicitation and Exhibition

Target Group: Students and faculties of SIT, Lonavala

Brief Summary about Teacher's Day and Engineer's Day event:-

IEEE SIT SB,Sinhgad Institute of Technology,Lonavala organized Engineer's Day and Teacher's Day Celebration program on 15th September, 2021 for all faculties and studentsunder the guidance of Prof. Vaishali Baste. There were more than 200 attendees in the event. The event began with the welcome speech of anchor, Mr. Abhishek Ranjan followed by the speeches of Vice Principal, Dr. D. D. Chaudhary and Principal, Dr. M. S. Gaikwad who motivated and guided everyone with the students.

The Best Department title was awarded to Electronics and Telecommunication Department, Best Teacher title was grabbed by Dr. Manohar Chaudhary and Best

Outgoing Student title was achieved by Ms. Kirtana Mudaliyar. This was followed by speeches of HOD of E&TC department, best teacher and the best outgoing student. Anchor introduced the first guest of honour Dr. Sarika Chauhan followed by her speech specifying the benefits of IEEE membership. Then, second chief guest Dr. Amol Kalgaonkar was introduced to everyone. He is BU Head of SAP, T Systems ICT India Pvt. Ltd. , he guided everyone through his speech. The event moved ahead with the mini

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project presentation by students of E & TC Department. Department wise mini project exhibition also took place. Vote of thanks to all the dignitaries and attendees was given by Ms. Akanksha Sathawane.

Photographs of Activity:-

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Conclusion: The event was a great success and was appreciated by all the dignitaries and participants. The session ended with an ocean of positive feedback and everyone attended it enthusiastically.

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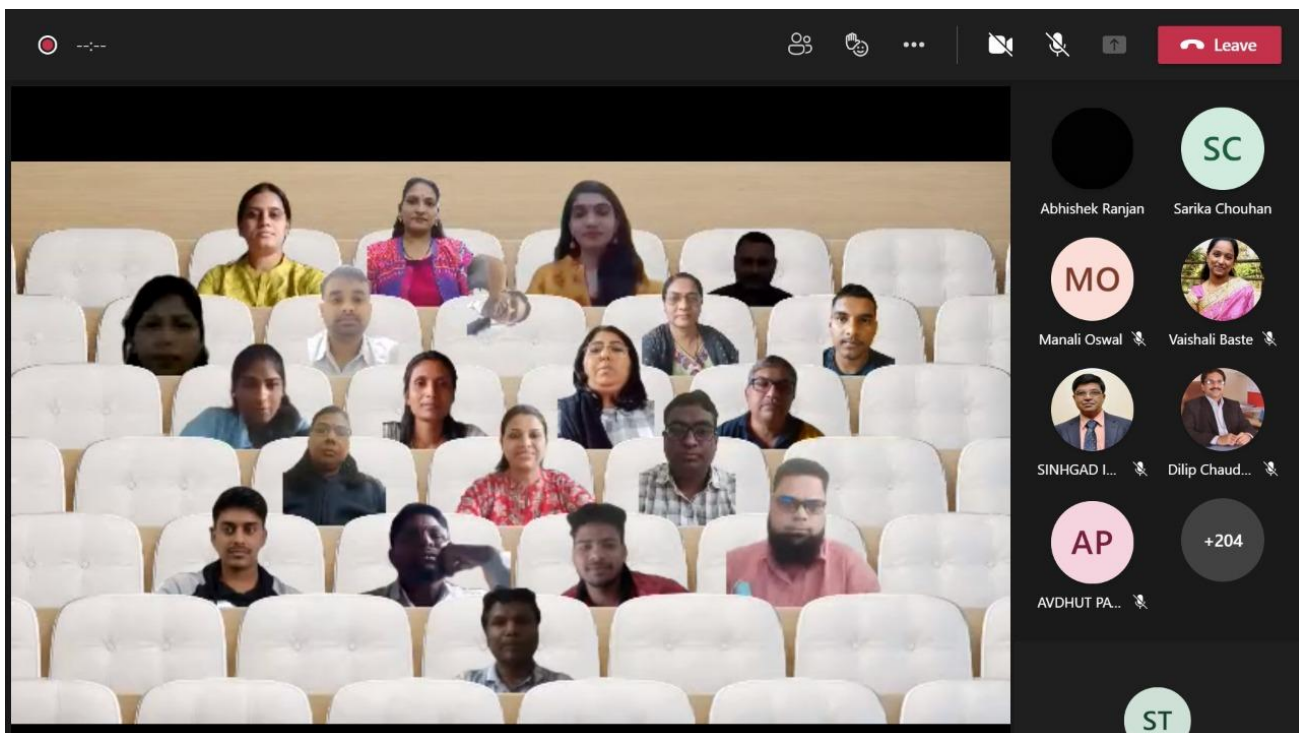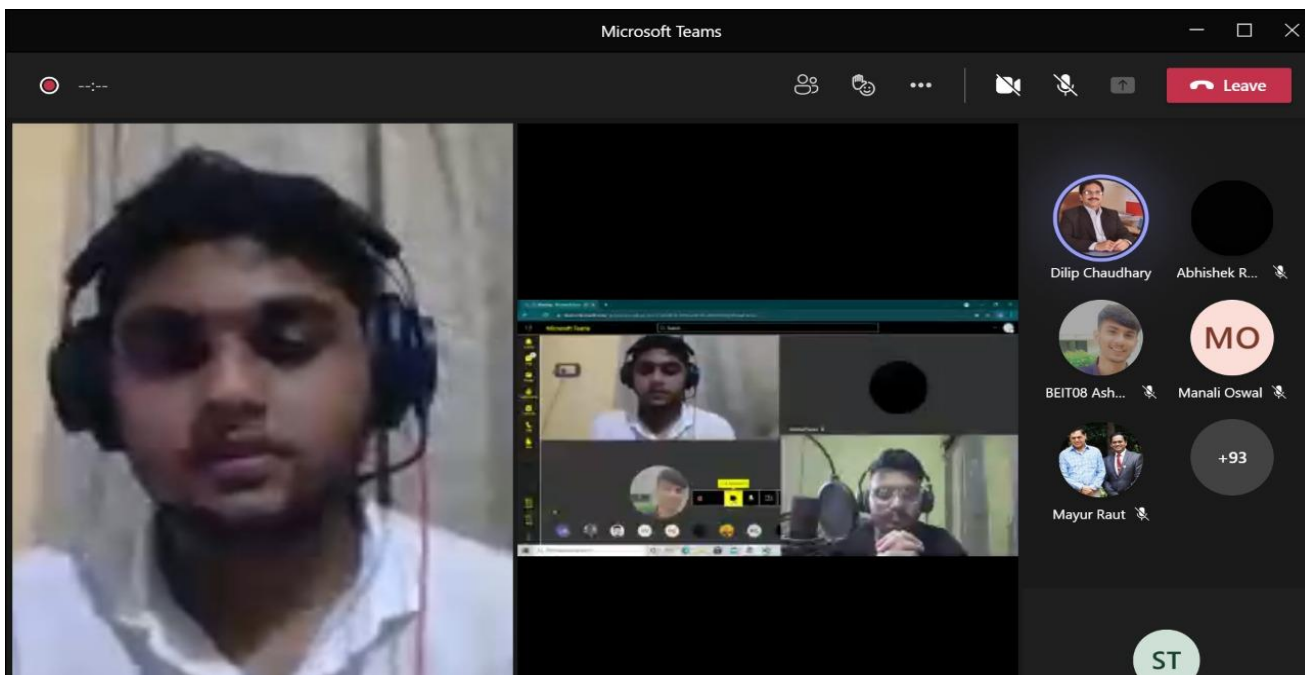309/310,Kusgaon(Bk),offMumbai-PuneExpressway.

EVENT NO:- 2

TITLE: IEEE DAY 2021

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REPORT

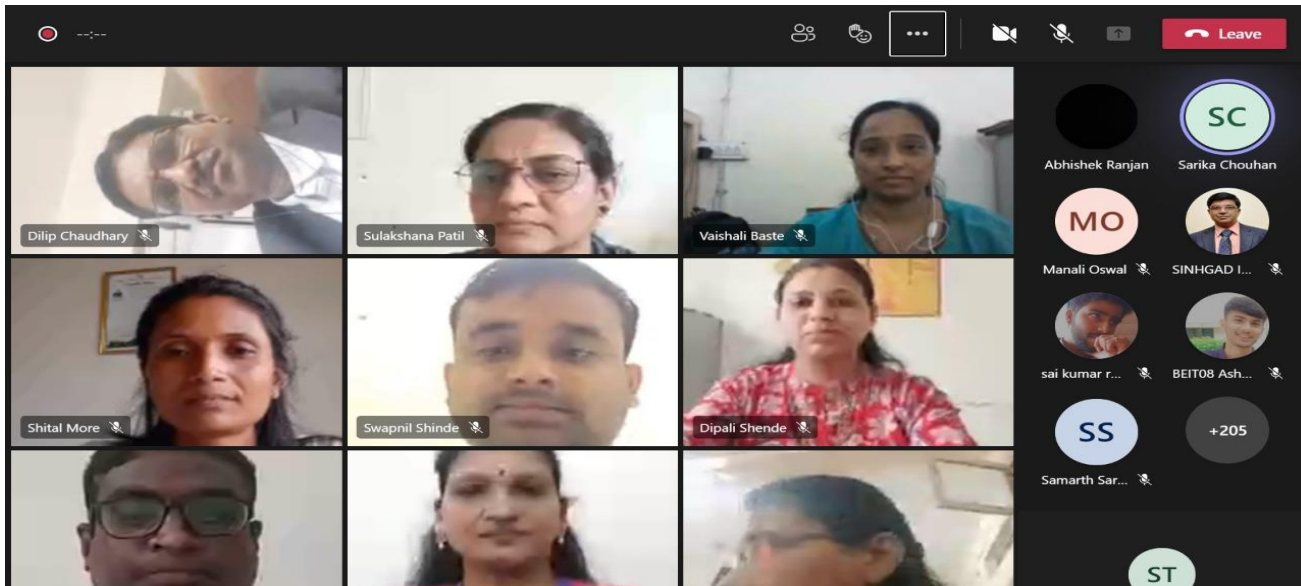**Objectives:** To celebrate IEEE Day 2021

Date: 5th October, 2021

Day: Tuesday

Online Platform: Microsoft Teams

Time: 03:30 PM Onwards

Chief Guest: Mr. Tathagat Kumar and Ms. Shambhavi Jha

Staff Co-ordinators: Prof. Vaishali Baste (IEEE SIT SB Branch Counsellor)

Student Co-ordinators: IEEE SIT SB Executive Committee

Activity Type: Online Session on IEEE

Target Group: Students and faculties of SIT, Lonavala

Brief Summary about IEEE Day 2021:-

IEEE SIT SB, Sinhgad Institute of Technology, Lonavala celebrated IEEE Day on 5th October, 2021 for all faculties and students under the guidance of Prof. Vaishali Baste. There were more than 100 attendees in the event. The event began with the welcome speech from Prof. Vaishali Baste, Branch counsellor of IEEE SIT SB. She introduced our guests Mr. Tathagat Kumar and Ms. Shambhavi Jha. Further she handed over the mike to Mr. Tahthagat kumar, who is an alumni of Sinhgad Institute of Technology, Former Chair person of IEEE SIT SB and Student Section representative at IEEE Bombay Section for year 2021. He enlighten everyone with his journey of IEEE and how he got various benefits from IEEE. He also stressed on the topic of in depth knowledge acquisition from IEEE and how IEEE helped him grow in all aspects.

The mike was then handed over to Ms. Shambhavi Jha, who is also an alumni of Sinhgad Institute of Technology, Former Membership Development Chair of IEEE SIT SB and currently a member of IEEE Bombay section Young Professionals. She shared her journey

of IEEE and said that IEEE will always give you 10x what you have contributed to it. She further added that her overall development is all because of IEEE which helped her in placements for

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interviews. Mike was then handed over to the host and the day was called off with a Vote of thanks from an IEEE SIT SB volunteer.
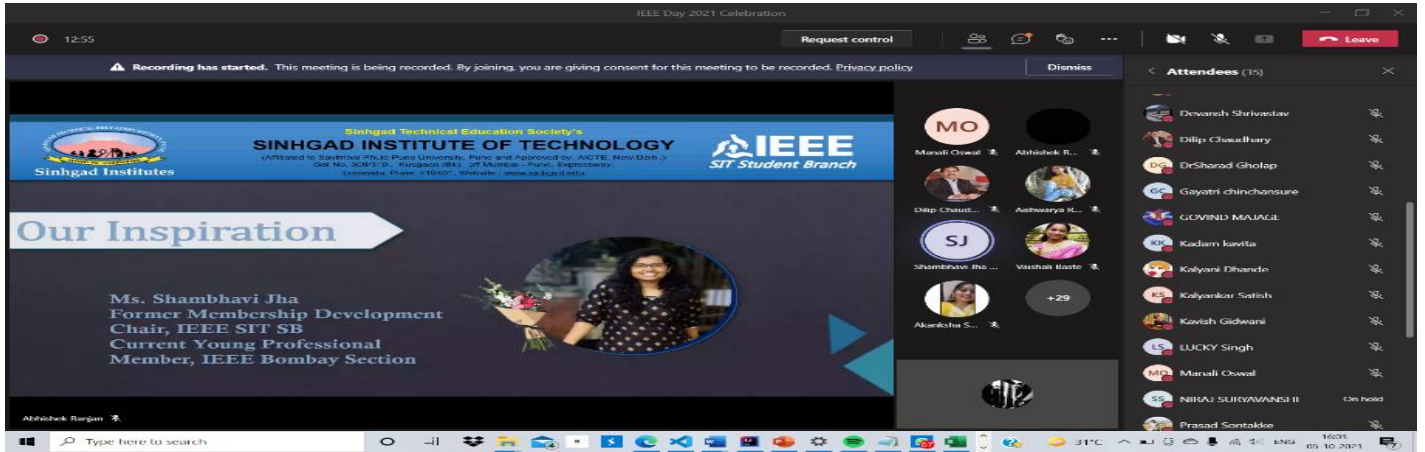
Photographs of Activity:-

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Attendance:

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	A	B	C
1	Full Name	User Action	Timestamp
2	Vaishali Baste	Joined	15/09/2021, 13:00:52
3	Vaishali Baste	Left	15/09/2021, 13:01:25
4	Vaishali Baste	Joined	15/09/2021, 13:01:43
5	BEIT08 Ashutosh Mahajan	Joined before	15/09/2021, 13:00:52
6	BEIT08 Ashutosh Mahajan	Left	15/09/2021, 15:19:15
7	BEIT08 Ashutosh Mahajan	Joined	15/09/2021, 15:20:34
8	Anuradha Kulkarni	Joined before	15/09/2021, 13:00:52
9	Anuradha Kulkarni	Left	15/09/2021, 13:02:52
10	Anuradha Kulkarni	Joined	15/09/2021, 13:11:32
11	Anuradha Kulkarni	Left	15/09/2021, 13:29:00
12	Anuradha Kulkarni	Joined	15/09/2021, 14:08:23
13	Anuradha Kulkarni	Left	15/09/2021, 14:39:21
14	Anuradha Kulkarni	Joined	15/09/2021, 14:47:10
15	Anuradha Kulkarni	Left	15/09/2021, 14:59:24
16	Anuradha Kulkarni	Joined	15/09/2021, 15:04:17
17	Anuradha Kulkarni	Left	15/09/2021, 15:28:08
18	Harshavardhan Chavan	Joined before	15/09/2021, 13:00:52
19	Harshavardhan Chavan	Left	15/09/2021, 13:13:31
20	Shashikant Sapkale	Joined before	15/09/2021, 13:00:52
21	Shashikant Sapkale	Left	15/09/2021, 13:16:33
22	Shashikant Sapkale	Joined	15/09/2021, 13:38:30
23	Shashikant Sapkale	Left	15/09/2021, 13:45:43
24	Shashikant Sapkale	Joined	15/09/2021, 13:47:33
25	Shashikant Sapkale	Left	15/09/2021, 14:37:11
26	B-56 APURV WARJURKAR	Joined before	15/09/2021, 13:00:52
27	B-56 APURV WARJURKAR	Left	15/09/2021, 13:20:21
28	Vaishali Dhawas	Joined before	15/09/2021, 13:00:52
29	Vaishali Dhawas	Left	15/09/2021, 14:26:45
30	Vaishali Dhawas	Joined	15/09/2021, 14:34:30

meetingAttendanceList (225)

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	A	B	C
952	Aman Chaudhari	Joined	15/09/2021, 14:51:58
953	20CETB21_ABHIMANYUPRAJ	Joined	15/09/2021, 14:56:12
954	20CETB21_ABHIMANYUPRAJ	Left	15/09/2021, 15:04:50
955	Shweta salunkhe	Joined	15/09/2021, 14:56:44
956	Shweta salunkhe	Left	15/09/2021, 15:23:17
957	SHAM GOVIND JADHAV	Joined	15/09/2021, 14:58:47
958	SHAM GOVIND JADHAV	Left	15/09/2021, 15:37:28
959	SHAM GOVIND JADHAV	Joined	15/09/2021, 15:38:10
960	Ashwin Waghmare	Joined	15/09/2021, 14:59:44
961	Sonali Gupta	Joined	15/09/2021, 15:00:47
962	Kavish Gidwani	Joined	15/09/2021, 15:00:49
963	Kavish Gidwani	Left	15/09/2021, 15:03:28
964	Kavish Gidwani	Joined	15/09/2021, 15:14:21
965	SE-A-18-LOKESH SINGH	Joined	15/09/2021, 15:08:12
966	SE-A-18-LOKESH SINGH	Left	15/09/2021, 15:18:35
967	TEIT_55 Vaibhav Shewale	Joined	15/09/2021, 15:12:37
968	Masood Momin	Joined	15/09/2021, 15:15:58
969	Masood Momin	Left	15/09/2021, 15:17:29
970	Shubham Gokul Raut	Joined	15/09/2021, 15:18:20
971	Shubham Gokul Raut	Left	15/09/2021, 15:21:33
972	Rajendra Kamble (Guest)	Joined	15/09/2021, 15:21:20
973	RAJ BORSE	Joined	15/09/2021, 15:21:21
974	ONKAR PANCHAKSHARI	Joined	15/09/2021, 15:28:01
975	TUSHAR BADHE	Joined	15/09/2021, 15:34:10
976	TUSHAR BADHE	Left	15/09/2021, 15:34:58
977	BHAVESH KSHIRSAGAR	Joined	15/09/2021, 15:38:20
978	BHAVESH KSHIRSAGAR	Left	15/09/2021, 15:39:02
979	Adarsh Jha	Joined	15/09/2021, 15:38:23
980	Adarsh Jha	Left	15/09/2021, 15:38:50
981			

meetingAttendanceList (225)

Conclusion: The session was very interactive and all the new students have developed their attraction towards IEEE.

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EVENT NO:- 3

TITLE: PCB DESIGNING WEBINAR

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REPORT

Objectives: To Acknowledge the students about importance of learning PCB Designing and tools used in PCB designing.

Date: 9th October, 2021

Day: Saturday

Online Platform: Microsoft Teams

Time: 10:30 AM Onwards

Chief Guest: Mr. Ankit Pawar

Staff Co-ordinators: Prof. Vaishali Baste (IEEE SIT SB Branch Counsellor)
Prof. Sharad Gholap (Event Coordinator)

Student Co-ordinators: IEEE SIT SB Executive Committee

Teacher's & Engineers Day Event Conducted Under: Student Branch of IEEE SIT, Lonavala

Activity Type: Webinar

Target Group: Students and faculties of SIT, Lonavala

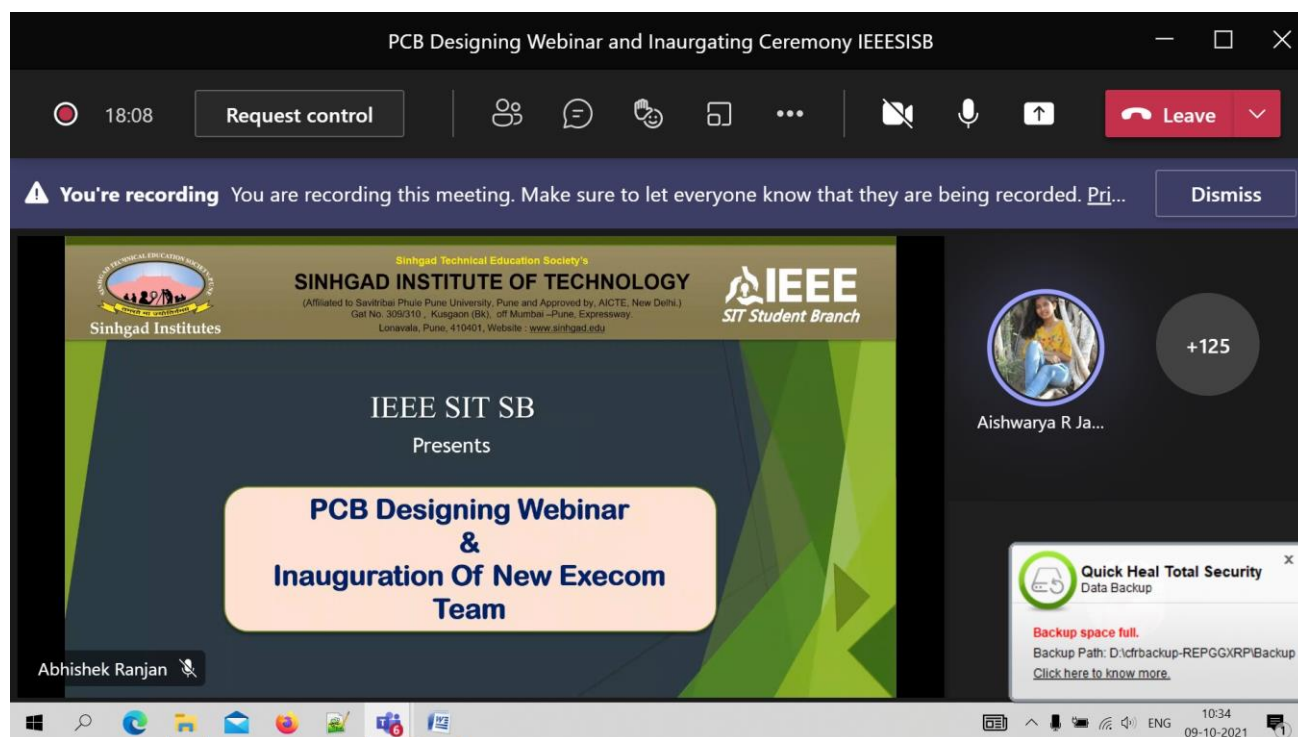**Brief Summary about Webinar on PCB Designing:-**

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IEEE SIT SB,Sinhgad Institute of Technology,Lonavala organized PCB Designing Webinar on 9th October, 2021 for all faculties and studentsunder the guidance of Prof. Vaishali Baste and event coordinator Prof. Sharad Gholap. There were more than 200 attendees in the event. The event began with the welcome speech of anchor, Ms. Aishwarya Jadhav followed by the speeches of Vice Principal, Dr. D. D. Chaudhary and Principal, Dr. M. S. Gaikwad who motivated and guided all the participants. The current Chairperson of IEEE SIT SB, Ms. Akanksha Sathawane addressed the crowd and introduced everyone with the new executive committee of IEEE SIT SB followed by the speech of current Membership Development Chair, Ms. Manali Oswal regarding benefits of IEEE membership. The anchor thanked both of

them and handed over the virtual dice to speaker Mr. Ankit Pawar. The chief guest acknowledged the students about the basics of a printed circuit board, demonstration of schematic symbol creation, footprint development, creation of Geber file, manufacturing report and many such topics. Queries of the participants were resolved by the speaker in doubt session and the webinar was concluded by vote of thanks from Mr. Kavish Gidwani to the guests.

Photographs of Activity:-

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

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EVENT NO:- 4

TITLE: WWW – Web Winners Week

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REPORT

Objectives: To make participants get known with web development basics and compete in Hackathon

Date and Time:
>   Workshop:
>>   Day 1 to Day 4:
>>   28th October to 31st October 2021
>>   Time: 16:00 IST – 18:00 IST
>   Hackathon:
>>   Day 5 & Day 6:
>>   Start Time: 31st October- 18:00 IST
>>   End Time: 2nd October- 18:00 IST

Online Platform: Microsoft Teams

Speaker: Mr. Hannan Satopay

Staff Co-ordinators: Prof. Vaishali Baste (IEEE SIT SB Branch Counsellor)

Student Co-ordinators: IEEE SIT SB and IEEE DBCE SB Volunteers

Activity Type: Technical

Target Group: Students across India from engineering background

Brief Summary about WWW – Web Winners Week:-

The IEEE SIT SB, Lonavala and IEEE DBCE SB, Goa in association with the IEEE BS SAC and IEEE BS TPAC organised "WWW- Web Winners Week" a four-day workshop on Web followed by a two-day hackathon with the aim to enhance the web page design ability of the students. The first day of the workshop commenced with the host introducing the speaker of the four-day workshop, Mr. Hannan Satopay, Full Stack Developer, Chief Technology Officer at Tech Wemy and IEEE Bombay Section TPAC Secretary. The speaker started the workshop by throwing light on the basics of web development and briefly explaining the working of figma and designing a basic layout before moving forward to create the actual website, i.e., KBC application, using Visual Studio, Html and bootstrap. On the 2nd day of the workshop Mr. Hannan Satopay continued the session by

introducing all the attendees to the Svelte framework which is used for building fast web applications. He walked through the installation of node.js and npm in order to get started with Svelte. Moreover, he showed how to write components using HTML, CSS and JavaScript. It really started to get gripping when concepts like reactivity, props, routing and stores were introduced. On day 3 of the workshop, the speaker put forward various things about Firebase and mentioned how
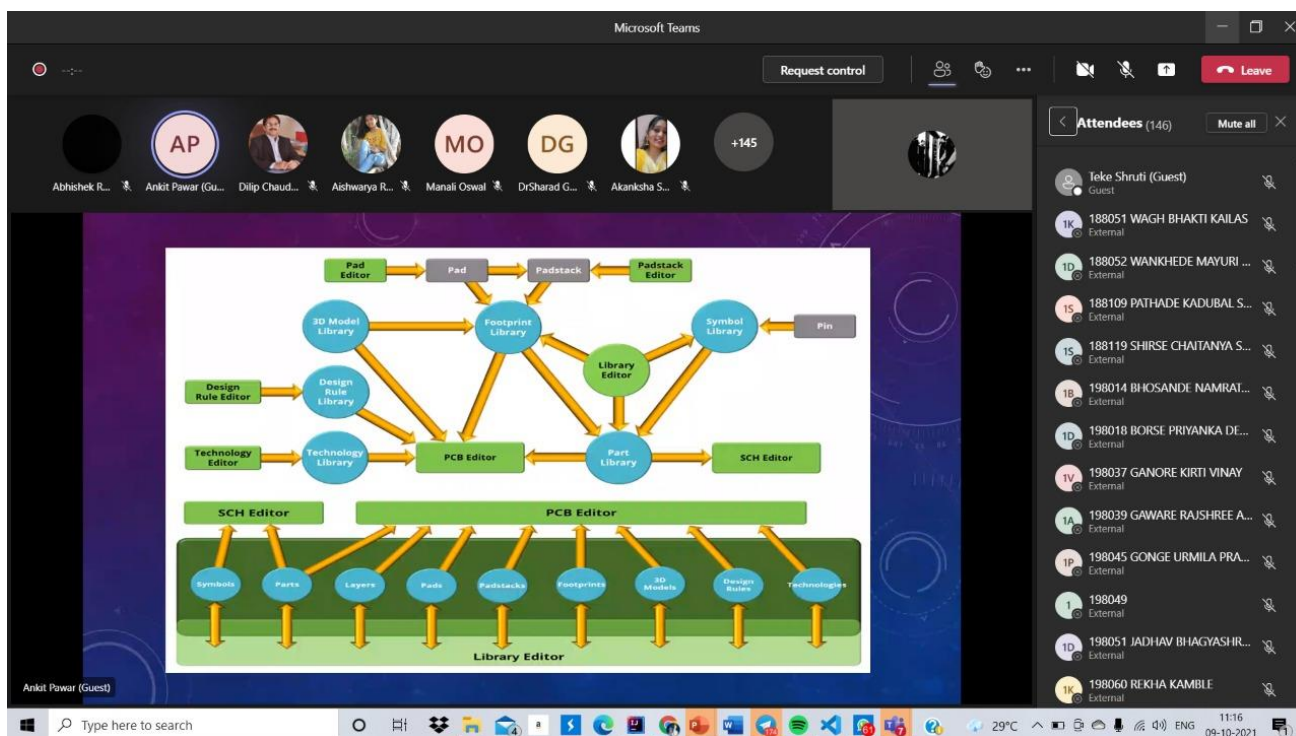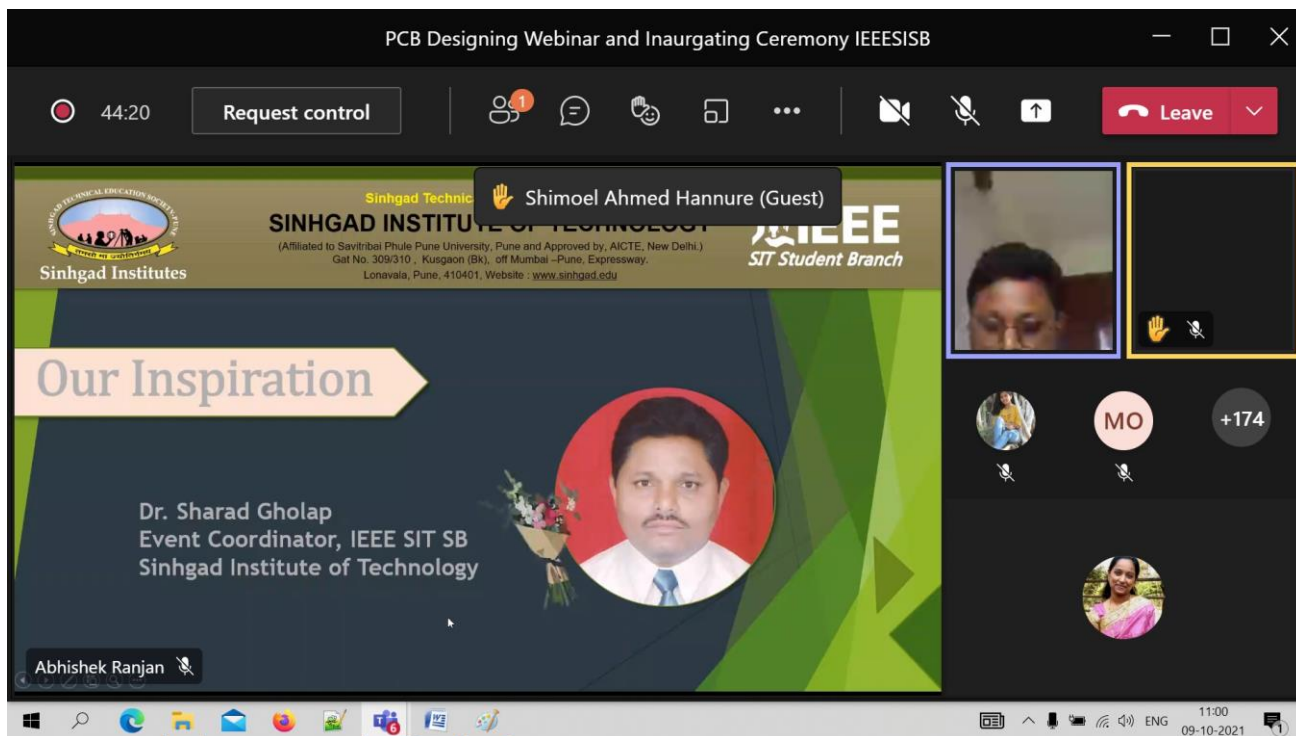
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to add Firebase to web apps Furthermore, methods like creating query, getting data from collection, pulling data from cloud, pushing more data to leader board, updating the leader board, etc were also shown in the session. More concepts such as local deployment for Firebase checking, what you get from Firebase interfacing, cloud functions, authentication mechanism, user engagement, analytics firebase database were also discussed. On the last day of the workshop, the facilitator explained and demonstrated the use of CSS variables for styling and explained how to convert a website into a mobile application. In the end using all of the series of programs created over the 4-day workshop the facilitator designed a user interactive quiz website.

The following were the themes for the 2-day hackathon: Healthcare, Environment, Productivity, Education, Social, Leisure, Agriculture and Open Theme.

The winners of the hackathon were: 1st Place- Madhuri Ramakrishnan, 2nd Place- Govind Pramod Majage, 3rd Place- Suyog Kokaje and Garima Rathi (team)

Funding Utilization Breakdown:

Instagram Advertising: Rs. 1000/-
Cash Prizes: Rs. 6000/-
1st Place: Rs. 2500/-
2nd Place: Rs. 2000/-
3rd Place: 1500/-
Total= Rs. 7000/-

Outcomes of organized activity:

Apart from gaining a new skill and knowledge, the event gave the participants an opportunity to interact with an industry expert and others by getting their doubts solved. It also allowed them to collaborate with others since an option of participating in teams of 2 was provided for the hackathon, which in turn gave a boost to their competitive skills. Since web development is a desirable skill for future employers, it gave the participants good exposure to the domain and industrial standards. By participating in the hackathon in which they developed a working website, the participants not only got a mini project in hand but could also learn a skill which can be nurtured.

Challenges faced during the course of activity planning to execution:

Since both the SBs were from different states, one of the major challenges faced was varying schedules. Meetings had to be held in such a way that all members of the organizing team could be present keeping in mind university exams, mode of attending classes, etc. Initially, it took some time for the team members to get to know each other. However, this was resolved by conducting frequent meetings and getting to know each other. In order to avoid any language barrier, the team

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members conversed with each other in English or Hindi languages only. Overall, both SBs put in equal effort to conduct the event smoothly.

Photographs of   Activity:-
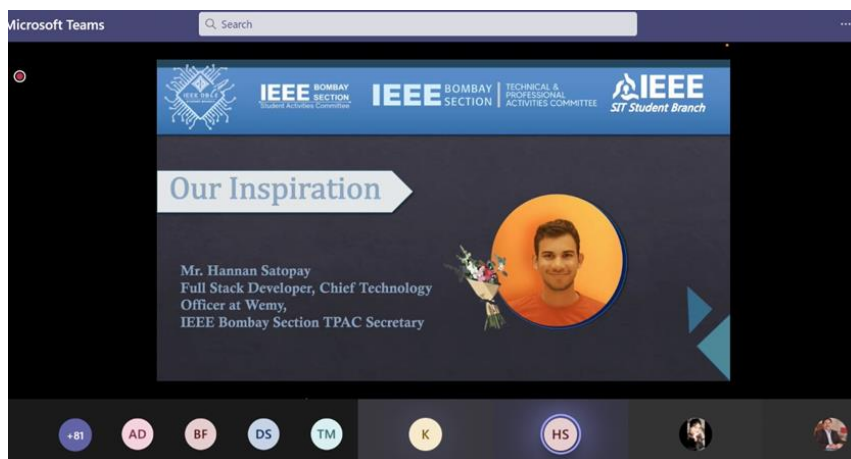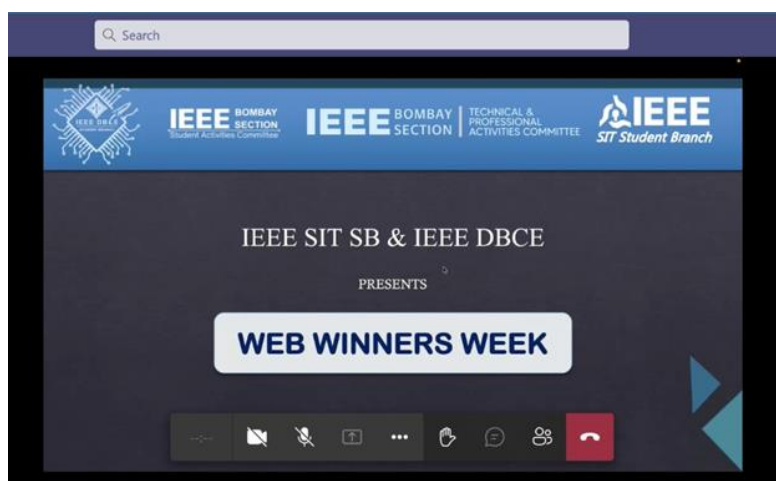
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Attendance:

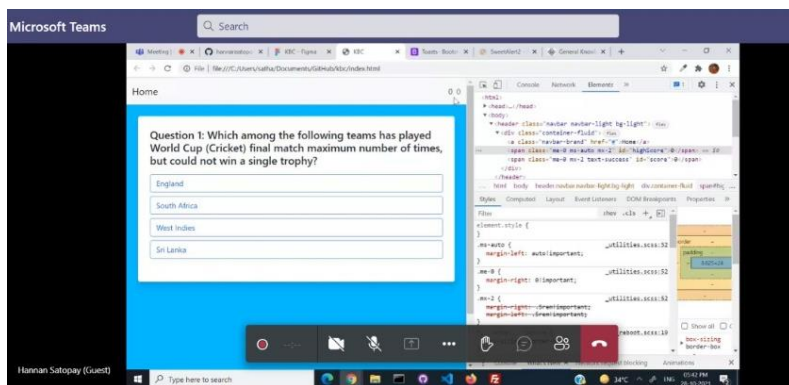|	A	B	C	D
1	Full Name	User Action	Timestamp	
2	Vaishali Baste	Joined	31/10/2021, 15:23:13	
3	BEIT08 Ashutosh Mahajan	Joined	31/10/2021, 15:24:23	
4	BEIT08 Ashutosh Mahajan	Left	31/10/2021, 15:42:22	
5	BEIT08 Ashutosh Mahajan	Joined	31/10/2021, 15:49:56	
6	BEIT08 Ashutosh Mahajan	Left	31/10/2021, 16:00:01	
7	LUCKY Singh	Joined	31/10/2021, 15:50:21	
8	GOVIND MAJAGE	Joined	31/10/2021, 15:51:01	
9	GOVIND MAJAGE	Left	31/10/2021, 15:51:14	
10	Neha Joshi (Guest)	Joined	31/10/2021, 15:51:51	
11	SHANTANU SHARNAGAT	Joined	31/10/2021, 15:55:38	
12	SHANTANU SHARNAGAT	Left	31/10/2021, 15:55:52	
13	SHANTANU SHARNAGAT	Joined	31/10/2021, 15:57:42	
14	SHANTANU SHARNAGAT	Left	31/10/2021, 16:05:26	
15	SHANTANU SHARNAGAT	Joined	31/10/2021, 16:10:01	
16	Adhira (Guest)	Joined	31/10/2021, 15:55:55	
17	Adhira (Guest)	Left	31/10/2021, 15:57:55	
18	Adhira (Guest)	Joined	31/10/2021, 15:58:04	
19	Ku. Komal Kumbhare	Joined	31/10/2021, 15:56:20	
20	SHANTANU NAIK	Joined	31/10/2021, 15:56:28	
21	SHANTANU NAIK	Left	31/10/2021, 15:58:16	
22	SANSKRITI GAIKWAD	Joined	31/10/2021, 15:59:51	
23	SANSKRITI GAIKWAD	Left	31/10/2021, 16:00:08	
24	SANSKRITI GAIKWAD	Joined	31/10/2021, 16:11:11	
25	Akash Wani	Joined	31/10/2021, 16:01:18	
26	SEIT_61 ROHINI BHORDE	Joined	31/10/2021, 16:01:30	
27	SEIT_61 ROHINI BHORDE	Left	31/10/2021, 16:05:11	
28	SEIT_61 ROHINI BHORDE	Joined	31/10/2021, 16:05:20	
29	Rosann Godinho (Guest)	Joined	31/10/2021, 16:02:09	
30	Hannan Satopay (Guest)	Joined	31/10/2021, 16:02:26	

meetingAttendanceList (317)

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	A	B	C	D
19	Ku. Komal Kumbhare	Joined	31/10/2021, 15:56:20	
20	SHANTANU NAIK	Joined	31/10/2021, 15:56:28	
21	SHANTANU NAIK	Left	31/10/2021, 15:58:16	
22	SANSKRITI GAIKWAD	Joined	31/10/2021, 15:59:51	
23	SANSKRITI GAIKWAD	Left	31/10/2021, 16:00:08	
24	SANSKRITI GAIKWAD	Joined	31/10/2021, 16:11:11	
25	Akash Wani	Joined	31/10/2021, 16:01:18	
26	SEIT_61 ROHINI BHORDE	Joined	31/10/2021, 16:01:30	
27	SEIT_61 ROHINI BHORDE	Left	31/10/2021, 16:05:11	
28	SEIT_61 ROHINI BHORDE	Joined	31/10/2021, 16:05:20	
29	Rosann Godinho (Guest)	Joined	31/10/2021, 16:02:09	
30	Hannan Satopay (Guest)	Joined	31/10/2021, 16:02:26	
31	Sagar Mondal	Joined	31/10/2021, 16:03:36	
32	ISHA SOGE	Joined	31/10/2021, 16:04:19	
33	DEVASHISH LAHARIYA	Joined	31/10/2021, 16:05:06	
34	LOKESH KHADSE	Joined	31/10/2021, 16:05:36	
35	Kaveri Mundaragi (Guest)	Joined	31/10/2021, 16:05:45	
36	Pranita (Guest)	Joined	31/10/2021, 16:06:03	
37	Benson Fernandes (Guest)	Joined	31/10/2021, 16:06:47	
38	Rishabh Kumar	Joined	31/10/2021, 16:07:14	
39	Rishabh Kumar	Left	31/10/2021, 16:12:28	
40	PRANAY SAHARE	Joined	31/10/2021, 16:08:05	
41	Aiyana (Guest)	Joined	31/10/2021, 16:08:16	
42	Clarence (Guest)	Joined	31/10/2021, 16:08:20	
43	MANISH MANISH	Joined	31/10/2021, 16:08:32	
44	MANISH MANISH	Left	31/10/2021, 16:08:47	
45	Manali Oswal	Joined	31/10/2021, 16:08:54	
46	AJAY PATIL	Joined	31/10/2021, 16:10:08	
47	AJAY PATIL	Left	31/10/2021, 16:11:53	
48	PRESHIT SATALGAONKAR	Joined	31/10/2021, 16:10:40	

meetingAttendanceList (317)

Conclusion: Web Winners Week, a four day workshop was successfully conducted under IEEE SIT SB, Lonavala and IEEE DBCE SB, Goa in association with the IEEE BS SAC and IEEE BS TPAC.

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EVENT NO:- 5

TITLE: FE and DSE INDUCTION

Objectives: FE and DSE Student's Induction Program Sem-1 AY 2021-22

Date: 24th December 2021

Day: Friday

Venue: Microsoft Teams (Online Platform)

Time: 09.30 pm – 05.00 pm

Staff Co-ordinators: Prof. Vaishali Baste (IEEE SIT SB Branch Counsellor)

Student Co-ordinators: IEEE SIT SB Executive Committee

Induction Program Conducted Under: Student Branch of IEEE SIT, Lonavala

Activity Type: Interactive Session

Target Group: FE and DSE students of SIT, Lonavala

Brief Summary about Induction Program:-

During this program various events were organized by IEEE SIT SB in order to make the new students aware of the IEEE and also to entertain them. With these events like online quiz, interactive activities were organized virtually for the students. First of all the guests motivated the students with their speeches and after that with the flow of the fun activities, speech of Chairperson of SIT SB and Vaishali Baste mam the program was concluded on the vote of thanks.

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Photographs of Activity:-

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Conclusion: They were very inspired with the word of our guest. The guest helped the students to be motivated. Also, students got aware about the IEEE and enjoyed the program.

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EVENT NO:- 6

TITLE: QUIZARDS

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REPORT

Objectives: Toprovide our students with the knowledge isto evaluate the knowledgeof the participants within academics as well as beyond academics and tomake them familiar with the prospects of quizzes and the objectivity of thequestions.

Date: 26thMarch,2022

Day: Friday

OfflinePlatform: ReadingHall

Time: 10:30AM– 04:00PM

StaffCo-ordinators: Prof.VaishaliBaste(IEEESITSBBranchCounsellor)

StudentCo-ordinators: IEEESITSBExecutiveCommittee

QuizardsQuizCompetitionConductedUnder: StudentBranchofIEEESIT,Lonavala

ActivityType: QuizCompetition

TargetGroup: StudentsofSITandSKN

BriefSummaryaboutQuizardsQuizCompetition:-

IEEEStudent Branch,SIT,Lonavalaorganized aquizcompetitionQuizardswasarranged to provide our students the knowledge. It was organized. Total number ofentries was 115. The actual competition started at 11 am. Our chief guest, Prof. S.SPATIL, shared her inspirational life journey, guided the participants well, and solveddoubts of the participants regarding the topics included. After the motivational speech,Saraswati pooja took place. The competition was divided into 3 rounds wherein Round1 was 20 minutes where participants had to solve 30 MCQs. Round 2 was a buzzerround where pictorial questions were asked. Round3 was also Buzzer round in which1group got 1st position and we got worunner-ups. Participants were very attentive during the quiz. The result was announced just after the 3rd round. The competition was completed successfully.

PhotographsofActivity:-

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Department of Electronics and Telecommunication Engineering

Conclusion: Participants learned about both Technical and Non-technical fields. Thehostguidedtheparticipantswellregardingthetopicsandhelpedthemlearntheconcernedskill.

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EVENT NO:- 7

TITLE: IEEE National conference-TKD-22

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Department of Electronics and Telecommunication Engineering

National level Student Conference IEEE TECHNICOKNOCKDOWN-2022 (TKD-22)

Technically Sponsored by IEEE Bombay section and IETE, Pune center supported by IEEE SITSB and IETE SIT Lonavala

Schedule - Session I,II and III

Sunday, June 05. 2022   https://tinyurl.com/bdff3u2s

Inauguration : 09.30 am to 09-45 am:	https://teams.microsoft.com/meetup-join/19%3ameeting_ZDI1ZidlZDYtMWYy00NjQxLWI0MzgtMDdhNWY4M2RjZidk%40thread.v2/0?context=%7b%22Tid%22%3a%22227795e7e-c327-42e9-bef4-6f0d422b5fde%22%2c%22Oid%22%3a%22ba97df0e-3bf2-404d-a62b-41b5c983c037%22%7d
Keynote Speaker1: 9.45 am to 10.20 am	Dr. B Satyanarayana, Chair, IEEE Bombay Section, "Transformation of Rural India to Digital India "

Artificial Intelligence and Machine Learning					Session-I
Session-I Link			https://teams.microsoft.com/meetup-join/19%3ameeting_NGJlYjdmMTgtNDA5ZC00ME0LTk0OTEtMjc2NmNmMzZhM2M2%40thread.v2/0?context=%7b%22Tid%22%3a%22227795e7e-c327-42e9-bef4-6f0d422b5fde%22%2c%22Oid%22%3a%2267927998-07d4-4ff4-88cb-ce5a3211c13f%22%7d		
SN	Time	Paper ID	Title of Paper	Author Name	Coordinator/Chair
1	10.30 am to 1.00 pm	AIML-01	Fruit recognition and feature extraction of fruits using deep learning	Yogi Patel	https://tinyurl.com/c4e9w9mr
2		AIML-05	Campus Navigation Application using Augmented Reality	Niranjan Ashok Gaikwad	Student Coordinator
3		AIML-07	E-Commerce Chatbot	Lavania Bajaj	Devansh Patil 9619538954
4		AIML-08	Self-Learning Yoga Pose with Accuracy Detection using Deep Learning	Vislavath Vikas	Session Coordinator
5		AIML-09	Realtime Face-Spoofing Detection using rPPG Technology	Om Dandade	Mrs. Vaishali S. Baste 9881431811
6		AIML-10	Virtual Assistant and Diagnostic Analysis in Mental Healthcare System	Mansi Vaidya	

Internet of Things (IoT)					Session-II
Session-II Link			https://teams.microsoft.com/meetup-join/19%3ameeting_NGRmNzBmODQtOGFhNy00MTM2LTgwNGItYzAzNTQ5NTFjMDFl%40thread.v2/0?context=%7b%22Tid%22%3a%222279 6e7e-c327-42e9-bef4-6f0d422b5fde%22%2c%22Oid%22%3a%222c98da8d-963b-4296-bab7-d7b0edb56a41%22%7d		
SN	Time	Paper ID	Title of Paper	Author Name	Coordinator/Chair
1	10.30 am to 1.00 pm	IoT-01	Arduino Based Remote Control Car	Sawant Anrag Ramkrishna	https://tinyurl.com/4s7mp4u5
2		IoT-02	Classroom Automation	Suraj Nayak	Student Coordinator
3		IoT-03	Smart Agriculture Monitoring and Control System Using IOT	Abhilash Lad	Arya Patil 9156447274
4		IoT-05	Face Mask Detection for COVID 19	Ekansh Bharadwaj	Session Coordinator
6		IoT-07	Smart Home Design and Fabrication Using the Internet of Things	Shraddha Omprakash Khatri	Mrs. Dipali Shende 9011042725
6		IoT-08	Rakshan-Secure the WOMEN	Prof. A. B. Gavali	

Communication Networks and Robotics and Automation					Session-III
Session-III Link			https://teams.microsoft.com/meetup-join/19%3ameeting_MjhiNMxODUtNGE1ZS00ZDgwLWE4ZWItMDJjZWM1MTNmNjE0%40thread.v2/0?context=%7b%22Tid%22%3a%22227796e7e-c327-42e9-bef4-6f0d422b5fde%22%2c%22Oid%22%3a%22e74ba49c-67ca-4d01-a76a-de31c2869cc0%22%7d		
SN	Time	Paper ID	Title of Paper	Author Name	Coordinator/Chair
1	10.30 am to 1.00 pm	CN-01	V2X communication for autonomous vehicle	Abhijit Mandavgade	https://tinyurl.com/3hyzyhfp
			Robotics and Automation		Student Coordinator
2		RA-05	Automate Cargo Tracking System	Avinash Nagano	Shivraj Kote 7378757800
3		RA-06	Self-Sanitizing Robotic Wheelie Bin	Lokesh M.Giripunje	Session Coordinator
4		RA-08	Exhaust Gas Filtration Using Aqua Silencer	Nishikant Dhaktode	Mr. Prashant R. Dike 9422014174
5		RA-09	"Performance Analysis of Solar Based Mini Seed Driller"	Rajsingh S Jagtap	

Lunch Break 1.00 pm to 2.00 pm

Internet of Things (IoT)					Session-IV
Session-IV Link			https://teams.microsoft.com/meetup-join/19%3ameeting_MDU2ZWIwNTAtNzM1NS00M2UwLWJhMGUtNzQyNmNmNmYxZDkz%40thread.v2/0?context=%7b%22Tid%22%3a%22227796e7e-c327-42e9-bef4-6f0d422b5fde%22%2c%22Oid%22%3a%2287a97f3b-a9c4-476b-a882-963e2407cc65%22%7d		
SN	Time	Paper ID	Title of Paper	Author Name	Coordinator/Chair
1	02.00 pm to 4.00 pm	IoT-09	IoT Based Home Automation	Namrta Namdev Shinde	https://tinyurl.com/2p2df2d2
2		IoT-11	Sewage Water Monitoring Using IOT & ML	Mehdi Rasoolji Valiji	Student Coordinator
3		IoT-12	Smart Health Node	Karan Goverdhan Dhande	Rishabh 9204483931
4		IoT-17	IoT Based Flood Monitoring System Using Node MCU	Megha Ramchandra Bhosale	Session Coordinator
5		IoT-26	Smart Agricultural Field using IoT	Sonali Gupta	Mr. Vikram M. Chavan 9970125757
		IoT-25	IoT Based Hydroponic System for Digital India	Aditya Chaudhary	

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Cyber Security and Others					Session-V
Session-V Link			https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODlmYTdiZD4tNmUxYS00MTM3LTg0YTctMmZmMjYyMDE5NTUy%40thread.v2/0?context=%7b%22Tid%22%3a%2222796e7e-c327-42e9-be4-6f0d422b5fde%22%2c%22Oid%22%3a%22708e4914-1687-4cb9-a5e2-c4ba00a200ba%22%7d		
SN	Time	Paper ID	Title of Paper	Author Name	Coordinator/Chair
1	02.00 pm to 4.00 pm	CS-01	Smishing Identifier	Shrinivas Tanaji Shirkande	https://tinyurl.com/yc7bbtyk
2		CS-02	Prevention of Data Leakage via SQL Injection on a cloud based web application	Prof. Nalawade Vinay Shivajirao	Student Coordinator
			Others		Sanarth Nirmal 9021540398
3		OT-01	AR Based Navigation System For Universities	Muskan Singh	Session Coordinator
4		OT-05	Dry handwashing Machine by Fog Disinfection to Save Water	Dipti Gaikwad	Dr. Sharad B. Gholap 9763461767
5		OT-06	Disinfection Cloth Through Ultraviolet Radiation	Supriya Subhash Hasabe	
6		OT-08	Detecting Driver Drowsiness based on Eye Aspect Ratio Technique	Pramod Aswale	

Dr. D. S. Mantri
Convener
TKD-22

Dr. D. D. Chaudhary
Organizing Chair
TKD-22

Dr. M.S. Gaikwad
Organizing Chair
TKD-22

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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, i, k

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

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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 "Intellectual Property Rights (IPRs) and IP Management for Start-up"	Workshop	

Dr. S.B.Gholap
(IE In-charge)

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EVENT NO:-	1
Title:	**Workshop on "Intellectual Property Rights (IPRs) and IP Management for Start-up"**
Date:	19/09/2021,
Day:	Saturday
Venue:	Seminar Hall, Dept of E&TC SIT, Lonavala (offline mode)
Time:	11:00 AM to 5:00 PM
Staff Co-coordinator:	Mr. V. S. Bari
Event Conducted Under	IEI STUDENTS CHAPTER
Activity Type:	Workshop
Target Group:	Second year and third year students of dept. of E&TC
Speaker Name:	Dr. S. B. Gholap

Program Objectives:

Brief Summary about Activity:

One day workshop organized on IPRs and IP management for start-up for students and faculty in the Department of Electronics and Telecommunication Engineering. Head of the Department, Dr. D.D. Chaudhary introduce the resource person, Dr. S.B. Gholap by exploring the importance of IPRs and its usefulness.

Photographs of Activity:

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INSTITUTION'S INNOVATION COUNCIL (IIC)
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Organizing One Day Workshop on
"Workshop on Intellectual Property Rights(IPRs) and IP Management for Startup"
In association With IEI Student Chapter

Date: 19 Nov. 2021   Time: 11.00 AM
Venue: EnTC Seminar Hall.

Objective:
"To increase awareness and understanding of the important role that Intellectual Property Rights play in promoting innovations."

Speaker
Dr. S. B. Gholap
Assoc. Professor, SIT , Lonavala.

https://www.instagram.com/p/CiwP33Tq4lG/?igshid=MTA0ZTI1NzA=

https://m.facebook.com/story.php?story_fbid=pfbid02YptQXLWZ9CV2YiJCpf6GGXWjtCNV4
YxxcHVkDfpD7T5YWxmPtWWedx1vTADLvz5yl&id=100066919964883

Introduction of event and resource person, Dr. S.B. Gholap by Dr. D.D. Chaudhary

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Detailing of IPRs by Speaker, Dr. S.B. Gholap to the audience.

Presence of Audience for the workshop: Students and faculties and other staffs

More understanding of IPRs and IP management for start-up through YouTube video link:

https://youtu.be/PRBGCk0UfOs

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Outcome:

- Attendees get aware of the IPRs and IP management for their start-ups.
- Faculties, dept. staffs and student are understand importance of the IPRs and understands the steps for getting IPR approval for their future start-ups.

Attendance: Around 50 students and 15 faculties were present for the workshop.

Mr. V. S. Bari
Coordinator

Dr. D.D. Chaudhary
IIC President

Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala

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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

Summary sheet of Events

Sr. No.	Name Events	Type of Activity	Page No.
01	Workshop LDRA Webinar Report	webinar	43

Prof. Mrs. V.G. Rajeshwarkar

ISTE Student Chapter Coordinator

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EVENT NO:- 01

Title: LDRA Webinar Report (Sem-I 2021-22)

Date:	26-11-2021
Day:	Friday
Venue:	Webex (Online)
Time:	10:00 am to 12:30pm
Staff Co-coordinator:	Dr. S. B. Gholap
ISTE Coordinator:	Prof. V. G. Rajeshwarkar
Event Conducted Under:	Department of E&TC
Activity Type:	Webinar
Target Group:	Faculties
Program Outcome:	To inculcate research environment for enhancement of Academia – Industry collaboration.

Brief Summary about Activity:

The Department of E&TC, and ISTE-Chapter, SIT, Lonavala, in association with LDRA Technology Private Limited, has organized a webinar on, "The Emerging Opportunities in Automotive and Industrial Systems Domain", with the objective to bridge the gap between Industry and Academia. It was on WebEx platform with 66 registrations of faculties from different engineering institutes in India and also Industry persons.

The Webinar started with opening remarks by Ms. V.G. Rajeshwarkar, Coordinator, ISTE Chapter, SIT, Lonavala, followed by addressing speech by Dr. M.S.Gaikwad, Principal & Campus Director, Sinhgad Institutes, Lonavala and Dr. D. D. Chaudhary, Vice-Principal & HoD, E&TC Dept., Sinhgad Institute of Technology, Lonavala.

Mr. G. Venkatraj, Associate Vice President Sales, LDRA Technology and Mr. Shreyansh Shukla, Techncial Consultant, LDRA India, conducted sessions in the webinar and Mr. Shinto Joseph, Director South East Asia Operations, LDRA India, accompanied them during Q&A session.

Agenda of webinar:

- Key Technology Trends in Automotive and Industrial Systems.
- Software related work in companies.
- Industry expectations from engineering students.
- Brief overview of software safety and Security Standards.
    - Programming standards: CERT, MISRA
    - Vulnerability Dictionary: CWE, NVD
    - Safety standards: ISO 26262 (Automotive), IEC 61508 (Industrial)
    - Security Standards: ISO 21434 (Automotive), IEC 62443 (Industrial)
- LDRA Academic Alliance Program.
- Recommendations for Academia.

The session ended with a Question & Answers session and vote of thanks by Dr. S. B. Gholap, Associate Professor, E&TC Dept. & Coordinator for the Webinar.

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Photographs of the activity:

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Department of Electronics and Telecommunication Engineering

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

Sr. No.	Name of Events	Activity Conducted Under	Type of Activity	Page No.
01	SE Induction	e-SITizen Club	Induction	
02	BE Farewell 2K22	e-SITizen Club	Farewell	

Prof. S. K. More

(e-SITizen's Club In-charge)

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EVENT NO:	**01**
TITLE:	SE Induction
Date:	23/12/2021
Day:	Friday
Venue:	B108
Time:	03:00pm to 05:00pm
Staff Co-ordinator:	Prof. S. K. More (Faculty Advisor e-SITizen Club)
Student Co-ordinators:	All e-SITizen Club Members
Event Conducted Under:	e-SITizen Club (Department of E&TC) SIT Lonavala
Activity Type:	Induction

Brief Summary about Activity:

A session for Second year students was organized by eSITizens Club SIT, Lonavala under the guidance of Prof. S. K. More. Around 30 students from S.E attended the induction program. Event started with the lightening of the traditional lamp and Sarasvatipoojan. Our chief guest Dr. D. D. Choudhary inaugurated the program. Dr.S.B.Gholap gave a brief idea Of research Work. Dr.D.D.Chaudhary gave a brief idea Of ENTC Dept. Lucky Singh gave speech abouth erexperience in ENTC Dept. and greeted freshers for there new ride.

Photographs of the activity:

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Department of Electronics and Telecommunication Engineering

Direct Second Year Students WELCOME To Department of Electronics & Telecommunication

Infrastructure

Department of E & TC

Department area 1620 sq. m.

Class rooms 07

Laboratories 12

Seminar Hall 01

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Department of Electronics and Telecommunication Engineering

Human Resources

Faculty position

Professors	Associate Professor	Assistant Professor	Total
03	03	12	18

- ❖ All Faculties are PG Qualified

- ❖ Faculties Pursing PhD :- 11

- ❖ Average Experience of Teaching Staff :- 12.91 Years

Sr. No.	Name of the Faculty	University/Institute
1.	Dr. M.S. Gaikwad	Shivaji University, Kolhapur
2.	Dr. D. D. Chaudhary	SGGS, Nanded
3.	Dr. D.S. Mantri	Alborg Univ. Denmark
4.	Dr. S. B. Gholap	RTMU, Nagpur
Ph.D. Pursing faculty in Dept.		
1.	Prof. S. S. Patil	Alborg Univ. Denmark (Pursuing)
2.	Prof. P. R. Dike	VTU, Belgaon (Pursuing)
3.	Prof. V. S. Baste	SPPU, Pune (Pursuing)
4.	Prof. D. K. Shende	SPPU, Pune (Pursuing)
5.	Prof. V. G. Rajeshwarkar	JNTU, Hydrabad (Pursuing)
6.	Prof. M. K. Bhosale	SU, Kolhapur (Pursuing)
7.	Prof. M.S. Raut	VIT, Chennai (Pursuing)
8.	Prof. S. K. More	VTU, Belgaon (Pursuing)
9.	Prof. D.B. Patil	VTU, Belgaon (Pursuing)
10.	Prof. S. D. Shinde	SPPU, Pune (Pursuing)
11.	Prof. S.S . Bhardwaj	BITS, Pursuing)

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EVENT NO:-   2

Title: BE FAREWELL-2K22"

Date: 27th May2022

Day: Friday

Venue: Amphitheater, SIT Building 2

Time: 04 PM to 07:30 PM

Staff Co-coordinator: Prof. S. K. More,

Event Conducted Under: e-SITizen Club (Department of E&TC) SIT Lonavala

Activity Type: Cultural

Target Group: SE,TE, BE Sudents

Brief Summary about Activity:

The purpose of this event was to give Farewell to BE-2K22 Batch. This event is traditional activity of e-SITizen's Student Club. This event was done in associate with Deartment Club eSITizen's Club. Main aim of this event is to give Farewell to BE-2K22 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 Vhatkar Aishwarya. 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.

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Photographs of Activity:

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Spoken Tutorial

Outcome:

- To register for Spoken Tutorial.
- To plan training as per their convenience so that spoken tutorial Team fron 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

Summary sheet of Events

Sr. No.	Name Events	Type of Activity	Page No.
01	Webinar on "Opportunities in Higher Education after Diploma "	Webinar	
02	One Week on FDP Role of Honor Courses in Engineering Education & Research	FDP	
03	Workshop on "Intellectual Property Rights (IPRs) and IP Management for Start-up"	Workshop	

Prof. S. S. Patil

Vodafone Student Club Coordinator

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Department of Electronics and Telecommunication Engineering

EVENT NO:-   1

Title: Webinar on "Opportunities in Higher Education after Diploma "

Date: 13/9/2021

Day: Saturday

Venue: (online mode)

Time: 11:00 AM to 5:00 PM

Staff Co-coordinator: Prof. S. S. Ptil

Event Conducted Under: Vodafone STUDENTS CHAPTER

Activity Type: Workshop

Target Group: Diploma Students

Speaker Name: Mr. Sanjay Chaudhary

Program Objectives:

Brief Summary about Activity:

Webinar was conducted for all the Diploma Students in Maharashtra. 40 Students were present for the Online Webinar. Program started with Sarasvati Vandana followed by speech of Dr. M. S. Gaikwad Principal of SIT and Dr. D D Chaudhari Vice-Principal of SIT Lonavala. Mr. Sanjay Chaudhari Delivered his expert comment on opportunities in higher Education after Diploma. After his talk student had interation with Expert and coordinator of Webinar.

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EVENT NO:-	2
Title:	One Week FDP on Role of Honor Courses in Engineering Education & Research
Date:	25th – 29th Oct. 2021
Day:	Monday to Friday
Venue:	(online mode)
Time:	02:00 PM to 5:00 PM
Staff Co-coordinator:	Prof. S. S. Ptil
Event Conducted Under:	Vodafone STUDENTS CHAPTER
Activity Type:	FDP
Target Group:	ALL Students
Speaker Name:	Prof. V.S.Baste, Prof. D.K.Shende, Prof. S.K.More, Prof. D.B.Patil, Prof S.S.Patil

Brief Summary about Activity:

A Five Day Faculty Development Program on "**Role of Honor Courses in Engineering Education & Research"**was organized by the Department of Electronics and Telecommunication of Sinhgad Institute of Technology from **25th October 2021 to 29th October 2021** for the faculties all over India. The inauguration of the event was organized at **Online Platform on Microsoft Teams.**Dr. D. D. Chaudhary, Convenor, Vice principal and Head of Department, E&TC addressed the event by welcoming all the participants for showing their active participation for the FDP. This was followed by a welcome speech given by Dr. M. S. Gaikwad, Principal, Sinhgad institute of Technology, Lonavalawherein he congratulated the entire E&TC department for choosing a unique topic and recent topic of the FDP**.** The Chief Guest for the inaugural function was Mr. Gurpreet Singh, Director, Marketing management EdGate Technologies Pvt. Ltd, Bangalore. He expressed his gratitude towards the department for inviting him as a Chief Guest.The inauguration ceremony was hoisted by Dr. Sharad Gholap, and he has given brief about the FDP as coordinator.

Honor Courses and their importance, offered by Savitribai Phule Pune University with regular curriculum of four-year engineering degree program such as Electronics & Telecommunication Engineering, Computer Engineering, Information Technology, Electrical Engineering and Mechanical Engineering etc.

Honors courses generally refer to exclusive, higher-level classes that proceed at a faster pace and cover more material than regular classes. Honors classes are very useful for students who excel in certain subjects. Passing an honors course is an excellent way for engineering students to demonstrate their academic competency and discipline in this competitive world to grab the placement opportunities.

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Honors courses are much more flexible courses. Savitribai Phule University Pune has standardized honor courses as per the recommendation of All India Council for Technical Education (AICTE) as state-of-the-art in engineering domains. Affiliated colleges offering this opportunity to avail honor courses to their students of their subject choice and put them in tune with this competitive era. Students will get honor degree of **20 credits** with their regular degree. Honors courses are designed for students who want a more challenging curriculum and are willing to put in the extra effort needed to demonstrate their academic motivation.

The number of registrations for the FDP was around 210 and more than 100 participants attended the online sessions on daily basis. The participants were from all over India.

The FDP was conducted for five days with one session every day and there were total 5 sessions. The session timings were 2pm to 5pm.

Photographs of Activity:

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Department of Electronics and Telecommunication Engineering

About STE Society

Sinhgad Technical Education Society (STES) was set up in August 1993, under the able and dynamic leadership of Prof. M.N. Navale with an objective of providing quality education in the field of Engineering, Dentistry, Management, Computer, Pharmacy, Architecture, Hotel Management and the basic school education from kinder garden onwards. There are 100+ institutes under the aegis of STES offering full-fledged school education, diploma, Graduation, Post Graduation courses and Ph.D. programs in various branches of Engineering, Science and Management at five educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning. (www.sinhgad.edu)

About SIT

Sinhgad Institute of Technology (SIT), Lonavala since its establishment in 2004 is involved in practicing teaching-learning methodologies of excellence to deliver quality engineering education for students all over India. The institute is housed in beautiful surroundings, fully residential campus of 200 acres on Pune-Mumbai expressway at Lonavala. Academic discipline with space for individual innovations, emphasis on life skill development of students, 'willing to work' team of faculty members and initiative for Industry interface, have been the silent activity of the college.

Celebrating 29 Years of Academic Excellence

About E&TC Department

- Department of E&TC Engg. is leading pioneer in SIT, Lonavala.
- Received Best Department Award for AY2020-21
- Excellent faculty including 05 Ph.D., 11 pursuing Ph.D.
- Well-equipped laboratories and with excellent infrastructure.
- Internship, Industrial visits / training, Value Addition Programs
- Huge Sport Complex and Hostel with all facilities.
- Placement of E&TC is 100% for eligible students
- Number of companies for placement is 100+
- Research Grants received more than 1 Crore.
- Highest Package is 10 Lakh+.
- Free Medical Facility.

About the FDP:

This FDP aims to provide a platform to explore the different Honor Courses and their importance, offered by Savitribai Phule Pune University with regular curriculum

of four year engineering degree program such as Electronics & Telecommunication Engineering, Computer Engineering, Information Technology, Electrical Engineering and Mechanical Engineering etc.

Honors courses generally refer to exclusive, higher-level classes that proceed at a faster pace and cover more material than regular classes. Honors classes are very useful for students who excel in certain subjects. Passing an honors course is an excellent way for engineering students to demonstrate their academic competency and discipline in this competitive world to grab the placement opportunities.

Honors courses are much more flexible courses. Savitribai Phule University Pune has standardized honor courses as per the recommendation of All India Council for Technical Education (AICTE) as state-of-the-art in engineering domains. Affiliated colleges offering this opportunity to avail honor courses to their students of their subject choice and put them in tune with this competitive era.

Students will get honor degree of 20 credits with their regular degree. Honors courses are designed for students who want a more challenging curriculum and are willing to put in the extra effort needed to demonstrate their academic motivation.

FDP program themes:

- Give meaning and scope of multidisciplinary approach of study for various job profiles and career prospects.
- Importance of Artificial Intelligence and Machine Learning
- Recent advancement in Internet of Things.
- Data Science and its applications.
- Cyber Security current trends.
- Use of Virtual Reality and Augmented Reality.

One Week Faculty Development Program [FDP] On "Role of Honor Courses in Engineering Education" Organized by Department of E&TC, Engg., SIT, Lonavala October 25-29, 2021

Sinhgad Institutes

Registration Link: https://tinyurl.com/5xjemfxs
Link to Join All Session (Microsoft Teams): https://tinyurl.com/crn9waeh
Time: 02:00PM to 05:00PM

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Department of Electronics and Telecommunication Engineering

Sinhgad Institute of Technology, Lonavala
Department of Electronics and Telecommunication Engineering
in association with Vodafone Club

Presents

One Week FDP on

"Role of Honour Courses in Engineering Education and Research"

From 25th - 29th Oct 2021

Campus Director & Principal	Vice-Principal	Coordinator	Vodafone Club Incharge	Technical Coordinator
Dr. M. S. Gaikwad	Dr. D. D. Chaudhari	Dr. S. B. Gholap	Prof. S. S. Patil	Mr. V. D. Raskar

SaraswatPoojan

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SINHGAD TECHNICAL EDUCATION SOCIETY'S

SINHGAD INSTITUTE OF TECHNOLOGY

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One Week Faculty Development Program [FDP]

On

"Role of Honour Courses in Engineering Education & Research"

(Online Mode)

Organized by Department of E&TC, Engg., SIT, Lonavala

October 25-29, 2021

FDP Schedule

Registration Link: https://tinyurl.com/5xiemfxu

Link to Join All Session (Microsoft Teams): https://tinyurl.com/crn9waeh

Time: 02:00PM to 05:00PM

Inauguration

Day 1: Monday, October 25, 2021 (Session Coordinator: Prof. Mrs. Sulakshana Patil-8881451811)

1. Welcome to gathering by Dr. Sharad Gholap, as Coordinator.
2. Saraswati Poojan followed Speech by Dr. D.D. Chaudhary then Speech by Dr. M.S. Gaikwad and final Speech by Chief Guest - Mr. Gurpreet Singh, (Director, Marketing Management, EdGate Technologies Pvt Ltd, Bangalore)
3. Brief about the FDP by Dr. S.B. Gholap

Session – 1

Day 1: Monday, October 25, 2021 (Session Coordinator: Prof. Mrs. Vaishali Baste-8881451811)

Topic - Industry Exposure on Artificial Intelligence and Machine Learning

Speaker – Mr. Saurav Kumar, CEO, founder of EaseMySalon.Com, Bettiah, Bihar.

Session – 2

Day 2: Tuesday, October 26, 2021 (Session Coordinator: Prof. Mrs. Dipali Shende - 9011042725)

Topic - Basics of Embedded Systems and IOT

Speaker – Krishna Chaithanya, Embedded System Engineer, EdGate Technologies Pvt Ltd, Bangalore.

Session – 5

Day 3: Wednesday, October 27, 2021 (Session Coordinator: Prof. Mrs. Pradnya Kamble - 9422984327)

Topic - Cyber Security: Trends & Technologies

Speaker – Vaibhav Barathe, Intellipaat Software Solutions, Banglore.

Session – 4

Day 4: Thursday, October 28, 2021 (Session Coordinator: Prof. Deepak Patil - 9922451817)

Topic - Recent Trends in Data science

Speaker – Mr. Tejas Pawar, Sr. Software Developer, Marquardt India Pvt Ltd, Pune.

Session – 5

Day 5: Friday, October 29, 2021 (Session Coordinator: Prof. Prashant Dike - 9422014174)

Topic - Augmented Reality and Virtual Reality

Speaker – Mr. Ashish Kharade, Software Engineer, Credit Suisse, Pune.

Technical Coordinator

Mr. Vikas Raskar (Mob. 9422004938)

Coordinator

Dr. S.B. Gholap (Mob. 9763461767)
Prof. Ms. S.S. Patil (Mob. 8881451811)

Convener

Dr. D.D. Chaudhary

Day 1: sessions was conducted on 25th October 2021 by **Mr. Saurav Kumar** CEO, founder of EaseMySalon.Com, Bettiah, Bihar on topic**Industry Exposure on Artificial Intelligence and Machine Learning.**

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Image Description: session chair with session coordinator & subject in charge prof. V.S.Baste

Image Description: Introduction of session chair.

Image Description: Mr. Saurabh Kumar addressing the session

Image Description: Certificate to session chair

Day 2: sessions was conducted on 26th October 2021 by **Mr. Krishna Chaithanya**Embedded System Engineer, EdGate Technologies PvtLtd, Bangalore.on topic**Basics of Embedded Systems and IOT**

Image Description: session chair with session coordinator & subject in charge Prof. D.K. Shende

Image Description: Introduction of session chair.

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Image Description: Introduction of subject Incharge	Image Description: Outlines of session

Day 3: session was conducted on 27th October 2021 by **Prof. Shital More** & **Mr. Vaibbhav Barathe** Intellipaat software solutions, Bangalore.on topic **Cyber security :Trends and Technologies.**

Image Description: session chair with subject in charge Prof. S. K.More	Image Description: Introduction of session chair.

Day 4 session was conducted on 28th October 2021 by **Mr. Suyash Patil,** Crest Data System Pune, **Mr. Rohit Naidu,** Data Scientist, Thought Works, Pune and **Mr. Nikhil Mane,** Data Scientist, Thought Works, Pune

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Day 5: session was conducted on 28th October 2021 by **Mr. Dular Nikode,** Larsen and Toubro Infotech Pune **and Mr. Nikhil Man,** Data Scientist,Thought Works, Pune

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EVENT NO:-	3
Title:	**Workshop on "Intellectual Property Rights (IPRs) and IP Management for Start-up"**
Date:	11/05/2022
Day:	Saturday
Venue:	Seminar Hall, Dept of E&TC SIT, Lonavala (offline mode)
Time:	11:00 AM to 5:00 PM
Staff Co-coordinator:	Mr. V. S. Bari, Prof. S. S. Ptil
Event Conducted Under:	IEI STUDENTS CHAPTER
Activity Type:	Workshop
Target Group:	Second year and third year students of dept. of E&TC
Speaker Name:	Dr. S. B. Gholap

Program Objectives:

Brief Summary about Activity:

One day workshop organized on IPRs and IP management for start-up for students and faculty in the Department of Electronics and Telecommunication Engineering. Head of the Department, Dr. D.D. Chaudhary introduce the resource person, Dr. S.B. Gholap by exploring the importance of IPRs and its usefulness.

Photographs of Activity:

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INSTITUTION'S INNOVATION COUNCIL (IIC)
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Organizing One Day Workshop on
"Workshop on Intellectual Property Rights(IPRs) and IP Management for Startup"
In association With IEI Student Chapter

Date: 19 Nov. 2021   Time: 11.00 AM
Venue: EnTC Seminar Hall.

Objective:
"To increase awareness and understanding of the important role that Intellectual Property Rights play in promoting innovations."

Speaker
Dr. S. B. Gholap
Assoc. Professor, SIT , Lonavala.

https://www.instagram.com/p/CiwP33Tq4lG/?igshid=MTA0ZTI1NzA=

https://m.facebook.com/story.php?story_fbid=pfbid02YptQXLWZ9CV2YiJCpf6GGXWjtCNV4YxxcHVkDfpD7T5YWxmPtWWedx1vTADLvz5yl&id=100066919964883

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Introduction of event and resource person, Dr. S.B. Gholap by Dr. D.D. Chaudhary

Detailing of IPRs by Speaker, Dr. S.B. Gholap to the audience.

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Presence of Audience for the workshop: Students and faculties and other staffs

More understanding of IPRs and IP management for start-up through YouTube video link:
https://youtu.be/PRBGCk0UfOs

Outcome:

- Attendees get aware of the IPRs and IP management for their start-ups.
- Faculties, dept. staffs and student are understand importance of the IPRs and understands the steps for getting IPR approval for their future start-ups.

Attendance: Around 50 students and 15 faculties were present for the workshop.

Mr. V. S. Bari
Coordinator

Dr. D.D. Chaudhary
IIC President

Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala

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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, i,

Prof. Pradnya A. Kamble
Guest Lecture Coordinator

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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	58

Prof.M.S.Jadhav

(Training & Placement In-charge)

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

Brief Summary about Activity:

In Academic year 2021-22, Semester I & Semester II Training activity took place under T&P cell. For the students of BE E&TC, we organized Soft skills & Technical Training & Foreign Language sessions for Students. From Department of Electronics & Telecommunication 17 students got an offer under centralized placement activity and 3 students placed offline mode, total 20 students are placed in 2021-22.

Sr. No	Student Name	Company Name	Package
1	RAHUL BHUKHAL SAH	Aastha Technologies	3.5 LPA
2	Rahul Yadav	Accenture	4.5 LPA
3	Lochan Vidyadhar Sawant	Accenture	4.5 LPA
4	Vaibhav Sanjiv Patil	Accenture	4.5 LPA
5	Mehdi Rasoolji Valiji	Amazon	4.5 LPA
6	SONALI SANJAY GUPTA	Capgemini	4.0 LPA
7	Sagar Vijaykumar Koli	Capgemini	4.0 LPA
8	Vaibhav Sanjiv Patiil	Infosys	3.6 LPA
9	Aishwarya Krishnat Vhatkar	Mindtree	4.0 LPA
10	Atharva Manoj Allewar	Vodafone	4.5 LPA
11	Sayali Dilip Sonawane	Vodafone	4.5 LPA
12	Sonali Sanjay Gupta	Vodafone	4.5 LPA
13	Nayan Bhagwan Vaswani	Wipro	4.0 LPA

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14	Nayan	Infosys	3.6 LPA
15	Trupti	Infosys	3.6 LPA
16	Ekansh	Infosys	3.6 LPA
17	Mansi	Infosys	3.6 LPA
18	Trupti Hanumant Phand	Vodafone idea	4.5 LPA
19	Pratik Walde	Vodafone idea	4.5 LPA
20	Ashwin waghmare	Capgemini	4.5 LPA

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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	03

Prof. M. S. Raut
(GATE Fouram In-charge)

GATE Qualified students

Sr. No.	Name of the Student	GATE %	Scaled Score
1.	Druve Kumar	10	
2	Ashwin Waghmare	6	
3	Shubham Parab	6	

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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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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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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

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Number of papers published by teachers in the notified Journals during AYC 2021-22.

Sr. No	Title of paper	Name of the author/s	ISSN number	Link to website of the Journal	Link to article/paper/abstract the article
1	Aquaponics System For Modern India	Prof. Dipali Shende,Shivangee Behera,Simran Biramwar,Priyesh Kumar	2349-5162	https://www.jetir.org/view?paper=JETIR2105724	https://www.jetir.org/papers/JETIR2105724.pdf
2	IoT Based Air Pollution Monitoring System	M. K. Bhosale1 , Shivam Kumar2 , Mamoon Reyaz3 , Zawed Ansari4	ISSN: 2455-6211	www.ijaresm.com	http://www.ijaresm.com/iot-based-air-pollution-monitoring-system
3	EEHRP: Energy Efficient Hybrid Routing Protocol for Wireless Sensor Networks	Nandkumar Kulkarni, Dnyaneshwar Mantri,Neeli Rashmi Prasad, Ramjee Prasad	1550-4654 _online	https://journals.riverpublishers.com/index.php/JMM/article/view/5501	https://doi.org/10.13052/jmm1550-4646.171313
4	Design and Development of a Two Wheeled Self Balancing Robot.	Pranay Doble, Shradha Parkhi, Anagha Bodhe, Dr. D. S. Mantri	2582-3930	www.ijsrem.com	http://ijsrem.com/volume-05-issue-06-june-2021/

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5	IoT based Thief Detection and Surveillance System using Raspberry Pi	Rahul Gupta, Shrutika Sorte, Aman Kumar ,Dr.D.S.Mantri	2582-3931	www.ijsrem.com	http://ijsrem.com/volume-05-issue-06-june-2021/
6	Artificial Intelligence Based Compact Sanitization Robot	Vaishali Baste,Dnyaneshwar Tandale,Darshan Wankhede	2278-1021	DOI 10.17148/IJARCCE.2021.105132	https://ijarcce.com/wp-content/uploads/2021/06/IJARCCE.2021.105132.pdf
7	Survey on development of convenient health monitoring system for pregnant women in rural area	Vaishali Baste,Shubhangi Gaikar,	P-ISSN:2707-6571,E-ISSN:2707-658X	http://doi.org/10.33545/27076571	https://www.computersciencejournals.com/ijcai/article/26/2-1-4-415.pdf
8	Published Patent by Student Project team under the guidance on the topic Design and Development of AI Based compact sanitization Robot System	Vaishali Baste,Dnyaneshwar Tandale,Darshan Wankhede	Application number:202021047688A, Patent no:202021047688	https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4927_1/Part-1.pdf
9	Spying RoboCrowler	Prof. Shital More, Ritvik Bahirwar, Parimal Gavali, Apurva Patil	031-4773	http://penseeresearch.com/index.php/vol51issue3-2/	https://app.box.com/s/hkt4nazoh7ykv85sfag5mukrhau4m0ja
10	Automobile Automation	Ashwin Kumar Mandal, Ayush Kumar, Piyush Ranjan, Prof. Vijaya G. Rajeshwarkar	e-ISSN: 2582-5208	https://irjmets.com/	https://drive.google.com/drive/u/1/folders/1EoQVGZrliHyffqG6iCDznAuaWd7vhJFA
11	Agrobot	Prof. Manoj Bhosale1 , Ajay Thorat2 , Dhanashree Shete3 , Tanmay Tikekar4	ISSN 2581-9429	http://ijarsct.co.in/	http://ijarsct.co.in/Paper1463.pdf

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12	A Literature Survey On Fault Investigation Methods Of Voltage Source Inverters	V.S.Baste/sonawane,Dr.S.B.Patil	ISSN: 2320-2882	www.ijcrt.org	https://drive.google.com/file/d/1mFwlk3ycR4HDi1-cXn5BkUH2_hKK3y_0/view?usp=share_link
13	Detection of Damaged Gas Pipeline using IOT	V.S.Baste	2581-9429	–	https://drive.google.com/file/d/1bjWOHCID4Kcy1Az0zRNTJKnoZ989alEe/view?usp=share_link
14	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	V.S.Baste/sonawane,Dr.S.B.Patil	1303-5150	10.14704/nq.2022.20.5.NQ22763,	https://drive.google.com/file/d/1V8f2ksq8b5j71l-WkXb0-DVFOPE97h5l/view?usp=share_link
15	Performance Analysis of Low Energy Adaptive Clustering Routing protocol based on Scalability and Density in Wireless Sensor Networks for IoT Applications	Vijaya Rajeshwarkar Dr.S.M.Jagade, Dr.P.Chandrasekhar Reddy	ISSN: 2455-6211	www.ijaresm.com	–
16	Enhancement of network coding in wireless sensor network using improved lion algorithm: intention toward maximizing network throughput and lifetime	P.R.DIKE	ISSN 2049-6427	DOI 10.1108/IJIUS-02-2021-0007 May-24, 2021.	–
17	Ubiquitous Networks: A Need of Future World of Things	Dnyaneshwar S Mantri, Pranav M Pawar, Nandkumar P Kulkarni, Neeli R Prasad		https://doi.org/10.13052/jicts2245-800X.933	
18	Occlusion and Spoof Attack Detection using Haar Cascade Classifier and Local Binary Pattern for Human Face Detection for ATM	Nandkumar Kulkarni, Dnyaneshwar Mantri, Pranav Pawar, Madhukar Deshmukh, Neeli Prasad		–	–
19	Smart City Applications in Environmental Different Fields	Prof. Shital Kiran More	ISSN 2229-5518	https://www.ijser.org/necitme-2021-conference-papers.aspx	https://www.ijser.org/onlineResearchPaperViewer.aspx?Smart-City-Applications-in-Environmental-Different-Fields.pdf

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Number of books and chapters in edited volumes/books published and papers publishedin national/ international conference proceedings per teacher during year

Sr. No	Name of the teacher	Title of the book/chapters published	Title of the paper	Name of the conference	National / International	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. D.D. Chaudhary	NA	A Smart Prioritized Ambulance Service With Intelligent Traffic Control System	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6, pp 161-164	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
2	Dr. D. S. Mantri	NA	IoT based Thief Detection and Surveillance System using Raspberry Pi	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
3	Dr. D. S. Mantri	NA	Design and Development of a Two Wheeled Self Balancing Robot.	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
4	Dr.Sharad Gholap	NA	Automatic Sanitization System for Transportation and Auditorium	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center

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5	Ms. D.K.Shende	NA	IOT Based SmartyChef-Automated Electro- Meachanical Chef	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
6	Mr. R.V.Babar	NA	An Automatic Solar Panel Cleaning System	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-7	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
7	Ms. Shital More	NA	Spying RoboCrowler	IEEE TECHNICOKNOCK DOWN-2021	National	031-4773	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
8	Ms. Vaishali Baste	NA	Intelligent Sanitization Robot	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
9	Dr.Sharad Gholap	NA	"Measuring and Monitoring of Chemical Reactor using PLC"	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-9	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
10	Ms. Vijaya Gopalrao Rajeshwarkar	Text Book on SE (E&TC) SPPU syllabus for "Electrical Circuits	NA	NA	National	ISBN : 978-93-89889-49-9	Sinhgad Institute of Technology, Lonavala	Savitribai Phule Pune University

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11	Dr.D.S.Mantri	Published Book on Microcontroller for TE E&TC engineering SPPU Pune , ISBN : 978-93-91567-60-6, Oct 2021	NA	NA	NA	ISEN 9789319570686	SPPU Pune	Savitribai Phule Pune University
12	Mrs. V.S.Baste	NA	Survey on development of convenient health monitoring system for pregnant women in rural area	NA	NA	E-ISSN: 2707-658X P-ISSN: 2707-6571	International Journal of Computing and Artificial Intelligence	IJCAI
13	Mrs. V.S.Baste	Publiched book chapterpart of Lecture notes in Electrical Engineering(LNEE 828)of Springer ICCCE2021 proceedings of 4th International conference on communications and Cyber Physical Engineering,onlin	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Springer ICCCE2021	International	988-981-16-7985-8	CMR Engg college Hydrabad	
14	Mrs.S.K.More	NA	Face Mask Detection for Covid-19	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-9	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
15	Mrs. V.S.Baste	NA	Fuzzy Based Open Switch Fault Diagnosis of Three Phase Voltage Source Inverter	ICCUBEA2022	International			

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B.E. PROJECTS
A.Y. 2021-22 [Semester-I, & 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)	SEM-1-, SEM-II	

(Prf. D. K. Shende)
Project In-charge

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EVENT NO:-   **01**

Title:	**Internal Presentation-I,II on Project Phase-I & II**
Date:	SEM-1, SEM-II
Venue:	Respective guide's location, E&TC Dept.
Time:	09.00 am to 5.00 pm
Staff Co-coordinator:	Prof. D. K. Shende
Event Conducted Under:	Department of E&TC
Activity Type:	Project Presentation
Target Group:	BE students

Brief Summary about Activity:

Presentation was given by all the groups in front of respective staff members (as internal an external examiner). Thirty staff members helped to run this activity successfully.

Results of the activity:

Presentation was strictly evaluated by faculty members with critical Comments and suggestions were given to students. Through this activity students came to know the level of their preparation, what new they suppose to do in their project. Students got the idea how to prepare for their final examination. Most of the groups completed their 60% project work.

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Wall Maganize

Wall Magazine Activity

Date & Date: Semester I,SEM-II 2021-22.

Venue: E &TC Department.

Staff Coordinators: M. K. Bhosale Coordinator, E&TC.

Event Conducted Under: Wall Magazine Activity.

Activity Type: Birthday Celebration and Congratulation OF Students and Staff.

Target Group: All Staff and Students E&TC.

In Academic year 2021-22, Semester-I, sSemester-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.

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HEARTIEST CONGRATULATIONS

UNIVERSITY EXAM 2021-22 SEM-I, SEM-II RESULTS
SE, TE, BE E&TC

Students Subject Toppers.

Second Year:

Sr. No	Subject Name	Student Name	Obtained Marks
1.	ELECTRONIC CIRCUITS	MANDOLIKAR SAKSHI	95
2.	DIGITAL CIRCUITS	Thombare Pradnya,Gore Raviraj,LANGOTE KRUSHNA,MANDOLIKAR SAKSHI	100
3.	ELECTRICAL CIRCUITS	Suraj Pardel, ANARSE RUTUJA, Vijapure Rohan,	100
4.	DATA STRUCTURES	Bhosale Shubham, Chavan Tushar, Gore Raviraj,LANGOTE KRUSHNA, Survase Nikita, Wanjari Saurabh	100
6.	ENGINEERING MATHEMATICS III	LOKESH SINGH	100
7.	SIGNALS & SYSTEMS	LOKESH SINGH	86
8	CONTROL SYSTEMS	LOKESH SINGH	82
9.	PRINCIPLES OF COMMU. SYSTEMS	Todkari Shubham	73
10	OBJECT ORIENTED PROGRAMMING	Mamdge Rohini	74

Second Year Toppers:

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Second Year SEM-I Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	LOKESH SINGH	9.86
SECOND	GOMARE SHRIKANT BALAJI	9.64
THIRD	KHANDARE ADITYA MADAN	9.68

Second Year SEM-II Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	LOKESH SINGH	9.23
SECOND	GHODKE LOKESH	8.68
THIRD	MANDOLIKAR SAKSHI	8.66

Third Year:

Sr. No	Subject Name	Student Name	Obtained Marks
1.	Digital Communication	Chande Namrata, Pravin Gaware	100
2.	Electromagnetic Field Theory	KHAMKAR SAURABH	100
3.	Database Management	Chande Namrata, Harsh Pawar, Saurabh Khamkar, Ritika Binzade, Rushikesh Mohale ,lucky Singh, vishwajeet Usnale	100
4.	Microcontrollers	Aman Choudhary, lucky singh	96
6.	Elective - I	Aman Choudhary, Amruta, Moon Sharayu	100
7.	EMBEDDED PROCESSORS	HANIMANALE AMRUTA	78

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8	POWER DEVICES & CIRCUITS	Lucky Singh	62
9.	PROJECT MANAGEMENT	Rushikesh Mohale	63
10	CELLULAR NETWORKS	Lucky Singh	78

Third Year Toppers:

Third Year SEM-I Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	SINGH LUCKY SANTOSH	10.00
SECOND	KETE SHIVRAJ GOVINDRAO	9.95
THIRD	AMAN MANIKCHAND CHAUDHARI	9.90

Third Year SEM-II Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	SINGH LUCKY SANTOSH	9.57
SECOND	RUSHIKESH MOHALE	9.40
THIRD	HANIMANALE AMRUTA KIRAN	9.19

Final Year:

Sr. No	Subject Name	Student Name	Obtained Marks
1.	VLSI	ROHAN BHANU AWASTHI(90)	90
2.	CN	Atharva,Animesh ,ARJUN S, SHUBHAM,Divesh,Aditya , MANSI , ANUJ , SACHIN ,SONALI,SHREYA,Rohit ,Yogesh,SAGAR,MEHDI , KRISHNA,Hritik,SHUBHAM ,VAIBHAV, PRANITA, TRUPTI,AWASTHI,Sah,Lochan ,Sayali,AISHWARYA,Ashwin ,WALDE ,KISHOR (100)	100
3.	RMT	Koli Sagar(99)	99

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4.	IOT	Allewar Atharva,ARJUN SAWAIYAN,GUPTA SONALI SANJAY,VASWANI NAYAN BHAGWANDAS,VARADKAR MANOJ SANTOSH(100)	**100**
6.	**Ele-I-EPD**	Animesh,Arjun,Manasi,Sachin,Sonali,shreya,Rohit,Yogesh,Koli,Krishna,Shubham,Pranita,Rahul,Prathmesh,Sayali,Nayan,Aishwarya,Kishor,Akshay	**100**
7.	**MOBILE COMMUNICATION**	Sawant Lochan Vidyadhar(80)	**80**
8	BROADBAND COMM. SYSTEMS	Allewar Atharva(81)	**81**
9.	AUDIO VIDEO ENGINEERING/ML	YEOLE AKSHAY GAJANAN,Jadhav Rohit Asaram(85)	**85**
10	BIOMEDICAL ELECTRONICS	MEHDI RASOOLJI VALIJI(80)	**80**
11	WIRELESS SENSOR NETWORK	YEOLE AKSHAY GAJANAN(78)	78
12	MACHIN LEARNING	NIDVANCHE KRISHNA SURESH(73)	73

Final Year Toppers:

Final Year SEM-I Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	PATIL VAIBHAV/Sawant Lochan/Ashwin Waghmare	10.00
SECOND	ROHAN BHANU AWASTHI	9.95
THIRD	ALLEWAR ATHARVA,ANIMESH RAKESH KUMAR,ARJUN SAWAIYAN,DABHADE MANSI UKANDRAO,GUPTA SONALI SANJAY,SHREYA SURESH HOLE,MEHDI RASOOLJI VALIJI,PHAND TRUPTI HANUMANT,AISHWARYA KRISHNAT VHATKAR ARJUN SAWAIYAN DABHADE MANSI UKANDRAO GUPTA SONALI SANJAY SHREYA SURESH HOLE MEHDI RASOOLJI VALIJI PHAND TRUPTI HANUMANT AISHWARYA KRISHNAT VHATKAR	9.86

Final Year SEM-II Toppers:

TOPPERS	NAME OF STUDENT	%
FIRST	MEHDI RASOOLJI VALIJI	**9.73**

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SECOND	SHREYA SURESH HOLE,PATIL VAIBHAV SANJIV		**9.64**
THIRD	Sawant Lochan Vidyadhar		**9.61**

Staff Appreciation List:

Sr.No	Subject	Name	% Result
Second Year SEM-I			
1	Electronic Circuits	Prof. M.K.Bhosale	98.53
2	Digital Circuits	Dr. R.V.Babar	95.59
3	Electrical Circuits	Prof. V.G.Rajeshwarkar	97.06
4	Data Structures	Prof.A.ALabade	98.53
5	Engineering Mathematics-III	Prof. S.Borate	98.53
Second Year SEM-II			
1	SIGNALS & SYSTEMS	Prof.P.R.Dike	87.88
2	CONTROL SYSTEMS	prof. S.A.Wagh	71.21
3	PRINCIPLES OF COMMU. SYSTEMS	Prof.S.S.Patil	87.88
4	OBJECT ORIENTED PROGRAMMING	Prof.A.A.Labade	89.39
Third Year SEM-I &SEM-II			
1	Digital Communication Lab	Prof.S.S.Patil	100.00
2	Microcontroller Lab	Dr.D.S.Mantri	100.00
3	Elective I Lab	Prof. P.A.Kambale	100.00
4	Database Management Lab	Prof.D.N.Duche	100.00
5	POWER DEVICES & CIRCUITS	Prof.M.K.Bhosale	100.00
6	MINI PROJECT	Prof. M.S.Raut	100.00
7	CELLULAR NETWORKS	Prof.P.R.Dike	100.00
8	EMBEDDED PROCESSORS	Dr.D.S.Mantri	100.00

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	Final Year SEM-I & SEM-II		
1	VLSI	Prof.V.S.Baste	100
2	CN	Prof. S.K.More	100
3	RMT	Prof.P.R.Dike	100
4	IOT	Prof D.K.Shende	100
5	Ele-I-EPD	Dr. S. B. Gholap	100
6	Ele-I-AI	Dr. S. B. Gholap	100
7	MC	Prof.S.K.More	95.56
8	BCS	Prof.V.G.Rajeshwarkar	100.00
9	ML	Prof.V.S.Baste	92.59
10	AVE	Prof.S.B.Gholap	100.00
11	BM	Prof,V.S.Bari	95.23
12	WSN	Prof.D.K.Shende	95.83

(Prof M.K.Bhosale)

Wall Magazine Dept. Coordinator

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Workshop/STTP/FDP/Guest Lecture
attended/ Coordinated
A.Y. 2021-22[Semester-I, II]

Summary

Number of Workshop		Number of STTP	
Attended	Conducted	Attended	Conducted
30	3	3	0

Number of FDP		Number of Guest Lecture	
Attended	Conducted	Attended	Conducted
30	2	100	10

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

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

SUMMERY

Activity	Target Student	Date	Page No.
Student Training Program-I	SE(E&TC)	SEM-I	87
Student Training Program-I	SE(E&TC)	SEM-II	
Student Training Program-III	TE(E&TC)	SEM-I	88
Student Training Program-IV	SE(E&TC)	SEM-II	

Prof. S.S.Patil
(Coordinator)

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EVENT NO:-	1
Title:	**Student Training Program-I**
Date:	1 Oct 2021 to 31 Oct 2022
Day:	Tuesday
Venue:	Microsoft Team.
STP Time:	3pm to 5pm
Staff Coordinator:	Prof. Vijaya G. Rajeshwarkar
Event Conducted Under:	Prof. P.S.Mhetre
	Prof. M.S.Raut
	Prof. P.A. Kamble
Event Conducted Under:	STES
Activity Type:	Training Program
Target Group:	SE students

Brief Summary about Activity:

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

Photographs of Activity:

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EVENT NO:-	1
Title:	**Student Training Program II (STP- II)**
Date:	From 08-02-2022 to 13-05-2022 weekly activity.
Day:	Every Tuesday
Venue:	Microsoft Teams (Online mode) and Offline mode
Time:	3:00 pm to 4:45pm
Staff Co-coordinator:	Prof. V.G. Rajeshwarkar
Student coordinators	--
Event Conducted Under:	**Student Training Program**
Activity Type:	Co-curricular
Target Group:	SE (E&TC) students.
Outcome of Program	The outcome of this STP is to raise fundamental understanding of the importance of four pillars of communication in professional and interpersonal communications, as well as to support overall personality development.

Brief Summary about Activity: This activity was the part of Student training program. It is preparation towards professional and interpersonal communication of the students. This program was divided into 4 modules and three faculties (Prof. V. G. Rajeshwarkar, Prof. M. K. Bhosale and Prof. S. A. Wagh) were involved in this activity to execute total 8 sessions for S.E. (E&TC). All sessions were interactive and students were also responsive.

Photos of activity:

Student Training Program-II

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STP – II Schedule
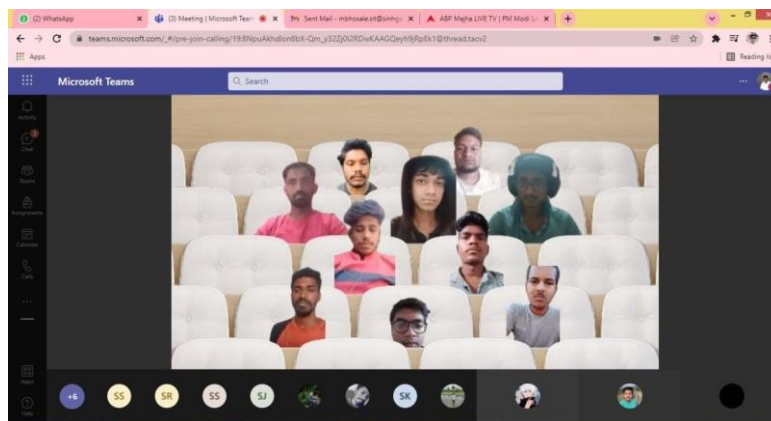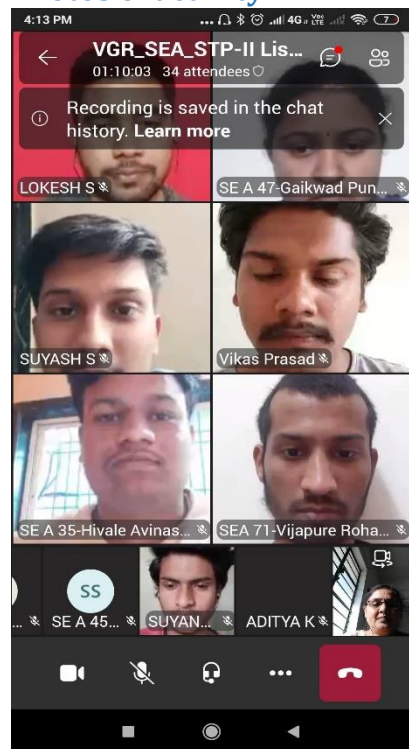
Class	Module	Date	Day	Time	Module	Name of Faculty
SEA		8-Feb-2022	Tuesday	3.00pm to 4.45pm	**Introduction to STP**	Prof.V.G.Rajeshwarkar
	module 1	15-Feb-2022	Tuesday	3.00pm to 4.45pm	**Listening Skills-I**	Prof.V.G.Rajeshwarkar
	module 1	22-Feb-2022	Tuesday	3.00pm to 4.45pm	**Listening Skills-II**	Prof.V.G.Rajeshwarkar
	module 2	30-Mar-2022	Tuesday	3.00pm to 4.45pm	**Reading Skills-I**	Prof.M.K.Bhosale
	module 2	12-Apr-2022	Tuesday	3.00pm to 4.45pm	**Reading Skills-II**	Prof.M.K.Bhosale
	module 3	22-Apr-2022	Tuesday	3.00pm to 4.45pm	**Writing Skills-I**	Prof.S.A.Wagh
	module 3	29-Apr-2022	Tuesday	3.00pm to 4.45pm	**Writing Skills-II**	Prof.S.A.Wagh
	module 4	6-May-2022	Tuesday	3.00pm to 4.45pm	**Speaking Skills-I**	Prof.S.A.Wagh
	module 4	13-May-2022	Tuesday	3.00pm to 4.45pm	**Speaking Skills-II**	Prof.S.A.Wagh

Prof. V.G. Rajeshwarkar   Dr.D.D.Choudhary

(STP-II Coordinator)   (HOD E&TC)

Attendance of 08/02/2022

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Introduction to STP   **Name of faculty-Vijaya G. Rajeshwarkar**

Full Name	User Action	Timestamp
Vijaya Rajeshwarkar	Joined	2/8/2022, 3:07:30 PM
Nischay se43	Joined before	2/8/2022, 3:07:30 PM
SE-A-05-SAKSHI MANDOLIKAR	Joined	2/8/2022, 3:10:55 PM
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SE-A-14-SUYASH SABLE	Joined	2/8/2022, 3:14:00 PM
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SE A 41-Survase Nikita Shrimant	Joined	2/8/2022, 3:14:31 PM
SE A 32-Raut Abhijit Sanjay	Joined	2/8/2022, 3:14:32 PM
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SEA 75-Paunikar Harshita Sudam	Joined	2/8/2022, 3:16:34 PM
SE-A-13-SHRIKANT GOMARE	Joined	2/8/2022, 3:17:25 PM
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SE-A-22-AYUSH BHALERAO	Joined	2/8/2022, 3:22:52 PM
SE A 54-Jadhav Sagar Changdev	Joined	2/8/2022, 3:22:59 PM
SE-A-15-JAYDEV KARAD	Joined	2/8/2022, 3:23:46 PM
Koli Govind Vinayak	Joined	2/8/2022, 3:24:23 PM
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SE-A-24-DEEKSHA POOJARI	Joined	2/8/2022, 3:25:01 PM
SE A 53-Birhare Rushikesh Bapu	Joined	2/8/2022, 3:27:40 PM
se A 77 vishal (Guest)	Joined	2/8/2022, 3:29:22 PM
SE-A-27-Abdul Khan	Joined	2/8/2022, 3:29:49 PM
SE-A-27-Abdul Khan	Left	2/8/2022, 3:53:24 PM

Attendance 15/02/2022
Module-I Listening Skills   Name of faculty-Vijaya G. Rajeshwarkar

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Full Name	User Action	Timestamp
Vijaya Rajeshwarkar	Joined	2/15/2022, 3:02:38 PM
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Vijaya Rajeshwarkar	Joined	2/15/2022, 4:16:13 PM
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SE A 35-Hivale Avinash Krushna	Joined before	2/15/2022, 3:02:38 PM
SE-A-05-SAKSHI MANDOLIKAR	Joined before	2/15/2022, 3:02:38 PM
SE-A-14-SUYASH SABLE	Joined before	2/15/2022, 3:02:38 PM
SE A 49-Mamdge Rohini Tukaram	Joined before	2/15/2022, 3:02:38 PM
SE A 53-Birhare Rushikesh Bapu	Joined before	2/15/2022, 3:02:38 PM
SE A 38-Zerkunte Jayshree Shivrudra	Joined before	2/15/2022, 3:02:38 PM
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SE A 65-Chavan Tushar Dattatray	Joined before	2/15/2022, 3:02:38 PM
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SE A 39-Kamble Mayur Rajesh	Joined before	2/15/2022, 3:02:38 PM
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SE-A-04-SUYANT WANKHEDE	Joined before	2/15/2022, 3:02:38 PM
SE A 62-Todkari Shubham Mallikarjun	Joined before	2/15/2022, 3:02:38 PM
SE A 41-Survase Nikita Shrimant	Joined before	2/15/2022, 3:02:38 PM
Vikas Prasad	Joined before	2/15/2022, 3:02:38 PM
jaydev karad	Joined before	2/15/2022, 3:02:38 PM
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SE-A-02-VAIBHAV JAISWAL	Joined	2/15/2022, 3:04:20 PM
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SE A 82-Siddhant Shinde	Joined	2/15/2022, 3:05:21 PM
SE A 55-Chaudhari Sanskruti Yashwant	Joined	2/15/2022, 3:05:37 PM
SE A 55-Chaudhari Sanskruti Yashwant	Left	2/15/2022, 4:12:06 PM
SEA 75-Paunikar Harshita Sudam	Joined	2/15/2022, 3:09:32 PM
SE A 44-Nikam Nitin Balu	Joined	2/15/2022, 3:10:20 PM
SE-A-06-LOKESH GHODKE	Joined	2/15/2022, 3:12:26 PM

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SE-A-06-LOKESH GHODKE	Left	2/15/2022, 4:08:05 PM
SE A-37-Padole Jay Rajendra	Joined	2/15/2022, 3:12:32 PM
SE A 42-Mahakalkar Nisarg Kamlakarji	Joined	2/15/2022, 3:14:51 PM
SE A 69-Jadhav Ramraje Ramesh	Joined	2/15/2022, 3:17:44 PM
SE A 69-Jadhav Ramraje Ramesh	Left	2/15/2022, 4:16:24 PM
SE A 50 Raviraj Gore (Guest)	Joined	2/15/2022, 3:23:25 PM
SEA 71-Vijapure Rohan Jitendra	Joined	2/15/2022, 3:39:35 PM

Attendance of 22/02/2022

Module-I Listening Skills   Name of faculty-Vijaya G. Rajeshwarkar

Full Name	User Action	Timestamp
Vijaya Rajeshwarkar	Joined	2/22/2022, 2:48:10 PM
Anil Sawant	Joined	2/22/2022, 2:53:40 PM
Anil Sawant	Left	2/22/2022, 2:53:54 PM
SE A 42-Mahakalkar Nisarg Kamlakarji	Joined	2/22/2022, 2:55:58 PM
SE A 59-Bhosale Shubham Sanjay	Joined	2/22/2022, 2:56:16 PM
SE A 59-Bhosale Shubham Sanjay	Left	2/22/2022, 3:04:13 PM
SE A 59-Bhosale Shubham Sanjay	Joined	2/22/2022, 3:05:38 PM
SE-A-04-SUYANT WANKHEDE	Joined	2/22/2022, 2:56:22 PM
SE A 57-Wanjari Saurabh Padmakar	Joined	2/22/2022, 2:56:23 PM
SE A 57-Wanjari Saurabh Padmakar	Left	2/22/2022, 3:54:50 PM
Vikas Prasad	Joined	2/22/2022, 2:56:33 PM
SE A-37-Padole Jay Rajendra	Joined	2/22/2022, 2:56:40 PM
SE-A-05-SAKSHI MANDOLIKAR	Joined	2/22/2022, 2:56:52 PM
SE A 36 chandrapal Rokade (Guest)	Joined	2/22/2022, 2:57:19 PM
SE A 36 chandrapal Rokade (Guest)	Left	2/22/2022, 3:51:01 PM
SE A 36 chandrapal Rokade (Guest)	Joined	2/22/2022, 3:51:08 PM
SE A 44-Nikam Nitin Balu	Joined	2/22/2022, 2:57:26 PM
SE-A-08-ADITYA KHANDARE	Joined	2/22/2022, 2:58:58 PM
SE A 39-Kamble Mayur Rajesh	Joined	2/22/2022, 2:59:09 PM
SE-A-18-LOKESH SINGH	Joined	2/22/2022, 2:59:37 PM
SE A 49-Mamdge Rohini Tukaram	Joined	2/22/2022, 3:00:13 PM
SE A 54-Jadhav Sagar Changdev	Joined	2/22/2022, 3:00:50 PM
SE A 65-Chavan Tushar Dattatray	Joined	2/22/2022, 3:00:55 PM
SEA 71-Vijapure Rohan Jitendra	Joined	2/22/2022, 3:01:00 PM
SE-A-14-SUYASH SABLE	Joined	2/22/2022, 3:01:17 PM
SE A 48-Jadhav Punam Bhausaheb	Joined	2/22/2022, 3:02:19 PM
SE A 74-Deokate Sumeet Sanjay	Joined	2/22/2022, 3:03:11 PM
SE A 74-Deokate Sumeet Sanjay	Left	2/22/2022, 3:14:14 PM
SEA 75-Paunikar Harshita Sudam	Joined	2/22/2022, 3:03:14 PM
SE-A-15-JAYDEV KARAD	Joined	2/22/2022, 3:03:15 PM
SE-A-15-JAYDEV KARAD	Left	2/22/2022, 3:24:20 PM
SE A 53-Birhare Rushikesh Bapu	Joined	2/22/2022, 3:04:18 PM
SE A 38-Zerkunte Jayshree Shivrudra	Joined	2/22/2022, 3:05:01 PM
SE A 38-Zerkunte Jayshree Shivrudra	Left	2/22/2022, 3:08:15 PM
SE-A-25-POONAM TILEKAR	Joined	2/22/2022, 3:05:37 PM

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SE A 60-Dhage Shubham Rajaram	Joined	2/22/2022, 3:05:45 PM
SE A 45-Thombare Pradnya Subhash	Joined	2/22/2022, 3:05:49 PM
SE-A-13-SHRIKANT GOMARE	Joined	2/22/2022, 3:05:57 PM
SE A 67-GAVHANE RATNADIP DAMODAR	Joined	2/22/2022, 3:07:02 PM
SE A 33-Pahilwan Aditya Sanjay	Joined	2/22/2022, 3:07:20 PM
SE A 35-Hivale Avinash Krushna	Joined	2/22/2022, 3:07:48 PM
SE A 35-Hivale Avinash Krushna	Left	2/22/2022, 3:11:11 PM
SE-A-22-AYUSH BHALERAO	Joined	2/22/2022, 3:08:22 PM
SE A 51-Chauhan Rishab Yashwantrao	Joined	2/22/2022, 3:08:27 PM
SE A 40-Jadhav Navnath Jagannath	Joined	2/22/2022, 3:08:29 PM
SE A 40-Jadhav Navnath Jagannath	Left	2/22/2022, 3:32:39 PM
SE A 50 Raviraj Gore (Guest)	Joined	2/22/2022, 3:08:49 PM
SE-A-20-RUTUJA ANARSE	Joined	2/22/2022, 3:08:57 PM
SE A 41-Survase Nikita Shrimant	Joined	2/22/2022, 3:09:04 PM
SEA 68-Hiwale Shubham Gangadhar	Joined	2/22/2022, 3:11:11 PM
SEA 68-Hiwale Shubham Gangadhar	Left	2/22/2022, 3:33:29 PM
SE A 58-Birajdar Shubham Baswaraj	Joined	2/22/2022, 3:11:12 PM
Amit Patil (Guest)	Joined	2/22/2022, 3:12:02 PM
SE A 55-Chaudhari Sanskruti Yashwant	Joined	2/22/2022, 3:14:07 PM
SE-A-06-LOKESH GHODKE	Joined	2/22/2022, 3:14:37 PM
SE-A-06-LOKESH GHODKE	Left	2/22/2022, 3:14:50 PM
SE-A-27-Abdul Khan	Joined	2/22/2022, 3:16:19 PM
SE A 69-Jadhav Ramraje Ramesh	Joined	2/22/2022, 3:21:39 PM
Koli Govind Vinayak	Joined	2/22/2022, 3:23:36 PM
SE A 76-Suraj Parde	Joined	2/22/2022, 3:25:03 PM
SE-A-29-SHARAD AMBHORE	Joined	2/22/2022, 3:26:23 PM
SE-A-02-VAIBHAV JAISWAL	Joined	2/22/2022, 3:27:52 PM
jaydev karad (Guest)	Joined	2/22/2022, 3:31:56 PM
SE A 47-Gaikwad Punam Maruti	Joined	2/22/2022, 3:34:39 PM

Attendance of 28/04/2022

Module - Writing Skills   Name of faculty- Prof. S.A. Wagh

Roll No.	Name Of Student	Attendance	Roll No.	Name Of Student	Attendance
SEA02	Jaiswal Vaibhav Santosh		SEA47	Gaikwad Punam Maruti	
SEA04	Wankhede Suyant Rajesh		SEA48	Jadhav Punam Bhausaheb	P
SEA05	Mandolikar Sakshi Chandrakant		SEA49	Mamdge Rohini Tukaram	
SEA06	Ghodke Lokesh Narendra	P	SEA50	Gore Raviraj Ashok	
SEA08	Khandare Aditya Madan	P	SEA51	Chauhan Rishab Yashwantrao	
SEA13	Gomare Shrikant Balaji	P	SEA52	Deshmukh Rushikesh Tanaji	P
SEA14	Sable Suyash Shrihari	P	SEA53	Birhare Rushikesh Bapu	
SEA15	Karad Jaydev Mahadev	P	SEA54	Jadhav Sagar Changdev	P
SEA17	Kadlag Tejas Rajendra		SEA55	Chaudhari Sanskruti Yashwant	
SEA18	Lokesh Singh	P	SEA57	Wanjari Saurabh Padmakar	
SEA19	Diwakar Mishra	P	SEA58	Birajdar Shubham Baswaraj	
SEA20	Anarse Rutuja Arjun		SEA59	Bhosale Shubham Sanjay	P
SEA21	Vikas Prasad	P	SEA60	Dhage Shubham Rajaram	P

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SEA22	Bhalerao Ayush Sandeep		SEA61	Jagtap Shubham Dattatray	
SEA24	Deeksha Dayanand Poojari	P	SEA62	Todkari Shubham Mallikarjun	P
SEA25	Tilekar Poonam Mahadev	P	SEA63	Pathan Sohail Sattar	P
SEA26	Salunke Rani Dattatray	P	SEA64	Markad Suraj Dadasaheb	P
SEA27	Abdul Aziz Ehtesham Khan		SEA65	Chavan Tushar Dattatray	P
SEA28	Kashte Alok Rakhamaji		SEA66	Kunte Vijay Anant	
SEA29	Ambhore Sharad Subhash	P	SEA67	Gavhane Ratnadip Damodar	P
SEA30	Koli Govind Vinayak	P	SEA68	Hiwale Shubham Gangadhar	P
SEA32	Raut Abhijit Sanjay	P	SEA69	Jadhav Ramraje Ramesh	P
SEA33	Pahilwan Aditya Sanjay		SEA70	Mane Manasi Manish	
SEA34	Pawar Ankush Dnyaneshwar		SEA71	Vijapure Rohan Jitendra	
SEA35	Hivale Avinash Krushna	P	SEA73	Langote Krushna Balchand	P
SEA36	Rokade Chandrapal Gajanan		SEA74	Deokate Sumeet Sanjay	P
SEA37	Padole Jay Rajendra		SEA75	Paunikar Harshita Sudam	P
SEA38	Zerkunte Jayshree Shivrudra	P	SEA76	Suraj Pardel	P
SEA39	Kamble Mayur Rajesh	P	SEA77	Vishal Shegunasi	
SEA40	Jadhav Navnath Jagannath		SEA78	Patil Amit Chhoturao	
SEA41	Survase Nikita Shrimant	P	SEA79	Phapale Shubhangi Balasaheb	
SEA42	Mahakalkar Nisarg Kamlakarji	P	SEA80	Ashtekar Mansi Pravin	
SEA43	Yala Nischay Shivling	P	SEA81	Kamble Akshada Dnyaneshwar	
SEA44	Nikam Nitin Balu	P	SEA82	Shinde Siddhant Mahendra	
SEA45	Thombare Pradnya Subhash	P	SEA83	Vrushabh Bhagawan Patil	

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EVENT NO:	**03**
TITLE:	**STUDENT TRANING PROGRAMME- III**
Date:	1 Oct 2020 to 31 Oct 2020
Day:	Monday-Friday
Venue:	Microsoft Team
Time:	8.30am-5.15pm
Staff Co-ordinators:	Dr. D.S.Mantri, Prof. A.A. Labade
Event Conducted Under:	Department of E& TC
Activity Type:	Student Training Program
Target Group:	All TE Students of E&TC Department

Brief Summary about Activity:

1. This activity was the part of Student training program. It is preparation towards placement of the students by developing problem solving and logical thinking skills to solve real life problems. This program was divided into 5 modules and four faculties (Prof. A.A. Labade and Dr. D.S.Mantri) were involved in this activity to execute sessions of T.E. (E&TC), All sessions were interactive and students were also responsive.Program to be implemented for T.E. students.

Photographs of Activity:

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Department of Electronics and Telecommunication Engineering

TITLE:	STUDENT TRANING PROGRAMME- IV
Date:	21 May2021 & 28 May 2021
Day:	Friday
Venue:	SIT, E&TC Department
Time:	02.00pm-03:00pm
Staff Co-ordinators:	Prof. S.K. More, Dr. R. V. Babar, Prof. P.R. Dike, Prof. S. S. Patil, Prof. A. A. Labade, Prof. N. N. Pachpor
Event Conducted Under:	Department of E& TC
Activity Type:	Student Training Program
Target Group:	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 6th semester.
    5. Training on Technical paper writing skills

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Department of Electronics and Telecommunication Engineering
STP-IV AY2021-2022 SEM-II

Tentative Schedule

TE   **20/5/2021**

Day	Date	Time	Module	Name of The Faculty	Signature
Friday	21/05/2021	2:00-3:30pm	Session 1	Prof. P.R.Dike	
Friday	21/01/2021	2:00-3:30pm	Session 2	Prof. P.R.Dike	
Friday	28/02/2021	2:00-3:30pm	Session 3	Dr. R.V.Babar	

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Department of Electronics and Telecommunication Engineering
Teacher Guardian

INDEX
List of Teacher Guardian
Academic Year 2021-22 SEM I, SEM- II

Title: TG Activity Report (Sem-I 2021-22)

Date: Sem-I

Day: Every Wednesday

Venue: Online (Microsoft Teams)

Time: 11:30 am to 12:15pm

Staff Co-coordinator: Prof. V. G. Rajeshwarkar

Student Coordinator:

Event Conducted Under: Department of E&TC

Activity Type: TG meetings

Target Group: Students of E&TC Department.

Program Outcome: Parental relation is developed between faculty and student.

Brief Summary about Activity:

➢   Teacher Guardian meet is conducted on every Wednesday for 45 minutes.

➢   Each teacher is assigned 15 students to have one to one interaction with them.

➢   In this semester total Eighteen (18) 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.

Allocation of Teacher Guardian and Class Teacher Sem-I:

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Class	Class Coordinator	Sign	Teacher Guardian (TG)	Sign
S.E. (E&TC)	Prof. A. A. Labade		Prof. V.G. Rajeshwarkar - Roll No.01 to 15	
			Prof. M. K. Bhosale - Roll No. 16 onwards	
T.E. (E&TC)	Prof. S. S. Patil		Dr. D. S. Mantri-Roll No.01 to 10	
			Prof. D.N. Duche- Roll No. 11 onwards	
B.E. (E&TC)	Dr. S. B. Gholap		Prof. P. R. Dike- Roll No.01 to 15	
			Prof. D. K. Shende- Roll No.16 to 30	
			Prof. S. K. More- Roll No. 31 onwards	

Agenda for Mentor/ TG Meeting on Wednesday i.e. 22-12-2021 at 11.30am

1. Inform students to pay fees before practical exam.
2. Students should complete their practical write-up submissions.
3. Motivate students for good term work.
4. Discuss about SPPU practical exams- starting from 27th Dec. 2021.
5. Mock seminar presentations for BE project stage I scheduled on 24th Dec. 2021.
6. Ensure that students should be prepared for offline end-sem exam (as per the situation).
7. Discuss about Student Satisfaction Survey & ensure to give feedback supporting Sinhgad Institutes.
8. Discuss about university curriculum & note if any suggestions from students.
9. Take photograph of the TG meeting with video turned on for all.
10. All students should complete their Covid vaccination on priority basis.
11. Sem-II classes will commence from 3rd Jan. 2022.
12. NPTEL courses, Courses offered by IITB, Internships & different Certification course is must to get placed. Discuss importance of such courses. Enrollment for NPTEL courses is started.
13. Various clubs and in charges:

Sr.No.	Name of club	Club incharge	Mobile no.
1	IEEE	Prof. V.S.Baste	9881431811
2	IETE	Prof. D. K. Shende	9011042725
3	IEI	Prof.D.N.Duche	7722035203
4	e-SITizen club	Prof. S.K. More	9923049992
5	ISTE	Prof.V.G.Rajeshwarkar	9423292099
6	Vodafone club	Prof.S.S.Patil	9922431617

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Department of Electronics and Telecommunication Engineering

7	Spoken Tutorial	Prof.P.A.Kamble	9422984327
8	Business Club		
9	Robotics club	Prof.D.B.Patil	7385312728

14. Attendance for webinars, guest lectures, extra input sessions, STPs, T & P activities, etc.

15. Students should have account on social media like facebook, twitter, instagram, LinkedIn, etc.

16. Students should attend TG meeting with parents once in a fortnight.

17. Attendance of students is compulsory for TG meeting.

18. For any grievances contact TG.

19. Any other point you feel important should be discussed.

Prof. V.G.Rajeshwarkar   Dr. D.D. Chaudhary
(TG INCHARGE)   (VP & Head of E&TC Department)

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EVENT NO:- 01

Title: TG Activity Report (Sem-II 2021-22)

Date:	Sem-II
Day:	Every Wednesday
Venue:	Hybrid mode (Microsoft Teams for connecting online)
Time:	01:15 pm to 01:45pm
Staff Co-coordinator:	Prof. V. G. Rajeshwarkar
Student Coordinator:	
Event Conducted Under:	Department of E&TC
Activity Type:	TG meetings
Target Group:	Students of E&TC Department.
Program Outcome:	Parental relation is developed between faculty and studen

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Brief Summary about Activity:

➢ Teacher Guardian meet is conducted on every Wednesday for 30 minutes.

➢ Each teacher is assigned 15 students to have one to one interaction with them.

➢ In this semester total Eighteen (18) 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.

Allocation of Teacher Guardian and Class Teacher Sem-II:

Class	Class Coordinator	Sign	Teacher Guardian (TG)	Sign
S.E. (E&TC)	Prof. A. A. Labade		Prof. P. R. Dike- Roll No.01 to 20	
			Prof. M. K. Bhosale - Roll No. 21 to 40	
			Prof. D. N. Duche- Roll No. 41 to 60	
			Prof. S. A. Wagh – Roll No. 61 Onwards	
T.E. (E&TC)	Prof. S. S. Patil		Dr. D. S. Mantri-Roll No.01 to 10	
			Prof. M.S.Raut - Roll No. 11 onwards	
B.E. (E&TC)	Dr. S. B. Gholap		Prof. V.S.Baste- Roll No.01 to 14	
			Prof. D. K. Shende- Roll No.15 to 28	
			Prof. S. K. More- Roll No. 29 onwards	

Agenda for Mentor/ TG Meeting on 13-04-2022

1. All students should attend lectures and practical's regularly as the term work is based on attendance also. Students having poor attendance have chance to improve their attendance till the term end.
2. All students should pay pending fees.
3. Term end

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For TE & BE: 26th April 2022.

For SE: 15th May 2022.

Please discuss the tentative schedule sent on official group with the students.

4. Complete all practical write-ups and submit.
5. Discuss about project completion (BE students) & mini project completion (TE students).
6. Offline project presentation for BE students is scheduled in next week.
7. Discuss regarding paper publications & patent filing with TE & BE students.
8. Project exhibition and Conference on 13th May 2022. BE students should publish paper in the conference conducted in our college.
9. Alumni meet on 14th May 2022.
10. Discuss regarding registration for best outgoing student with BE students.
11. SE students should register and participate in placement activities.
12. Register for NPTEL courses. Every student should enrol for atleast one course in every semester. For more details contact to Prof. P. R. Dike. (NPTEL coordinator).
13. Registration for foreign language (German & Japanese). Interested students should give their names to the class teacher of that class.
14. Discuss about the curriculum enhancement.
15. Various clubs in charges are:

Sr. No.	Name of club	Club incharge	Mobile no.
1	**IEEE**	Prof. V. S. Baste	9881431811
2	**IETE**	Prof. D. K. Shende	9011042725
3	**IEI**	Prof. D. N. Duche	7722035203
4	**e-SITizen club**	Prof. S.K. More	9923049992
5	**ISTE**	Prof. V. G. Rajeshwarkar	9423292099
6	**Vodafone club**	Prof. S. S. Patil	9922431617
7	**Spoken Tutorial**	Prof. Suchita Wagh	9552539091
8	**Business Club**		
9	**Robotics club**	Prof. Vishal Bari	8600517040

16. Attendance for webinars, guest lectures, extra input sessions, STPs, T & P activities, etc.
17. Students should have account on social media like facebook, twitter, instagram, LinkedIn, etc.
18. Attendance of students is compulsory for TG meeting.
19. For any grievances contact TG.
20. Any other point you feel important should be discussed.

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Prof. V.G.Rajeshwarkar

(TG Coordinator)

Dr. D.D. Chaudhary

(Head of E&TC Department)

Sample call record:

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Call Details:

Roll No.	Date	Time	Discussions
TEA 01	24/08/21	11.45	– AB – due to network issue.
TEA 03	24/08/21	11.50	– seek and taking medicin asked to join & listen.
TEA 04	24/08/21	11.54	father – comminicated and He is ready to attend.
TEA 05	24/08/21	12.10	Mother – He was busy and will do regularly.
TEA 06	24/08/21	12.14	student – not picked phone
	08/09/21		
TEA 02	8/9/21		No reply. – tried three times.
TEA 03	8/9/21	11.55	Not responding. Talked with parents & agreed to and will join.
TEA 04	8/9/21	12:02	Talked with brother & informed about the attendance
TEA 05		12.12	communicated to class incharge regarding Absently – and Grand father admitted in Hospital was the reason given. – Asked to pay fees. He said update to Rout sir.
TEA 06	8/9/21	12.14	Medical problem – will join from tomorrow.
TEA 07	8/9/21	12.20	No reply on All also.
TEA 08	8/9/21	12.25	doing job and seek; parent said will do regularly.
	8/11/21		
TEA-01	8/11/21	10.45 am	Travelling Join from Tomorrow
02			No reply.
A03	9/11/21		Communicated to paranet,
A 04	9/11/21		informed about attendance & All details

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Department of Electronics and Telecommunication Engineering

Students TG Meeting Record(SEMESTER I/II)

Meeting No. : 03

Date : 01|09|2021   Time : 11·30 AM

No.	Points Discussed	Action Taken
1	NPTL — P.R. Dike.	
2	Celebration — Teacher. — 15th 2021.	motivated to participation
3	AB in next week.	
4	Participation in different Activity.	
5	— fees problem sloved.	
6	— Maths problem saved.	
7		
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01		08		15			
02		09		16			
03		10	P	17			
04		11	P	18			
05		12	P				
06		13					
07	P	14					

Sign of Teacher Guardian   01/09/21   TG Coordinator   01/9   Sign of Class Teacher

Date:8/9/2021		Absent Students Call Records	
ROLL NO	**STUDENT NAME**	**Contact Person**	**Remark**
TE A 11	RITIKA BINZADE	Self	Going To Home Town
TE A 14	KHAMKAR SAURABH SHASHIKANT	Self	Medical issue
TE A 15	PRIYANKA SHAILESH CHAFE	self(Leaving-Wedding)	home Town
TE A 16	BHOJANKAR SALIL SHYAM	Mother	Out of Town
TE A 18	SHRIDHAR M RUDRAGOUD	Self(Try to attend Lectures)	Doing Job

TG:Prof.D.N.DUCHE   Class Teacher:Prof.S.S.Patil   H.O.D. E&TC:Dr. D.D.Chaudhary

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Full Name	User Action	Timestamp
Vaishali Baste	Joined	20/04/2022, 13:16:29
Jadhav komal Vikram	Joined	20/04/2022, 13:16:29
Jadhav komal Vikram	Left	20/04/2022, 13:16:34
Jadhav komal Vikram	Joined	20/04/2022, 13:18:40
Akshay Yeole	Joined	20/04/2022, 13:16:59
Shital More	Joined	20/04/2022, 13:17:13
RAHUL YADAV	Joined	20/04/2022, 13:18:07
Omkar Kokamwar	Joined	20/04/2022, 13:18:25
Animesh Kumar	Joined	20/04/2022, 13:18:34
Krishna Suresh Nidvanche	Joined	20/04/2022, 13:18:59
Ekansh Bharadwaj	Joined	20/04/2022, 13:19:02
Amol Kute	Joined	20/04/2022, 13:19:03
Prathamesh Shinde	Joined	20/04/2022, 13:19:18
Arjun Sawaiyan	Joined	20/04/2022, 13:19:20
Sonali Gupta	Joined	20/04/2022, 13:20:07
Aishwarya Vhatkar	Joined	20/04/2022, 13:21:32
Rahul Sah	Joined	20/04/2022, 13:26:24
Rahul Sah	Left	20/04/2022, 13:28:29
Sarang Harugade	Joined	20/04/2022, 13:34:18

Name of Mentor/TG - Prof. V.S.Baste   Date: 20/04/2022

Photographs of the activity

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Vijaya Rajeshwarkar

TG Coordinator

Dr.D.D.Choudhary

HOD E&TC Dept.

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Title:	**Department Library**
Venue:	B-202, EnTC Dept., SIT Lonavala.
Staff Co-coordinator:	Prof. S.K.More
Target Group:	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

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RESEARCH CENTER

Research Center

R & D

Sem. I Academic Year 2021-22

Summary

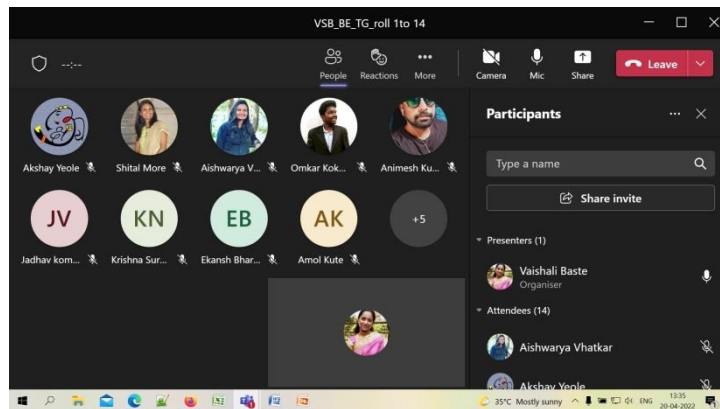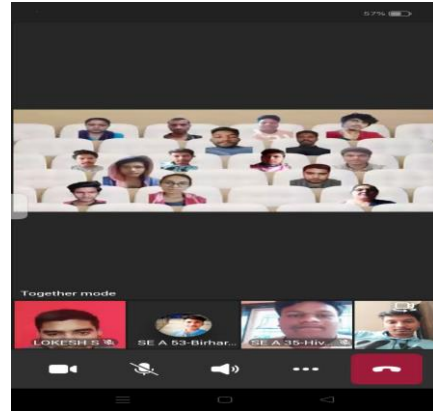| Sr. No.	Particulars	Details
1	Book Publications	1
2	Paper Publications	16
3	Patents	02

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PAPER PUBLICATIONS

SUMMARY SEM-I

SR NO.	NAME OF THE STAFF	Particulars						TOTAL
		NO.OF PUBLICTION IN						
		NC	NJ	IC	IJ	Patent	Book	
1	Dr.M.S .Gaikwad							-
2	Dr.D.D.Chaudhary				1			1
3	Dr.D.S.Mantri	2	-	-	1			3
04	Prof.S.B.Gholap	-	-	-				
05	Prof.R.V.Babar							
06	Prof.V.S.Baste	2	-	1	2	1		6
07	Prof.D.K.Shende	1	-	-	5	1		7
08	Prof.S.K.More	-	-	-	2			2
09	Prof.D.N.Duche	-	-	-	-			
10	Prof.M.S.Raut	-	-	-	-		1	
	Total	5	0	1	11	2		18

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Number of papers published by teachers in the notified Journals during AYC 2021-22.

Sr. No	Title of paper	Name of the author/s	ISSN number	Link to website of the Journal	Link to article/paper/abstract the article
1	Aquaponics System For Modern India	Prof. Dipali Shende,Shivangee Behera,Simran Biramwar,Priyesh Kumar	2349-5162	https://www.jetir.org/view?paper=JETIR2105724	https://www.jetir.org/papers/JETIR2105724.pdf
2	IoT Based Air Pollution Monitoring System	M. K. Bhosale1 , Shivam Kumar2 , Mamoon Reyaz3 , Zawed Ansari4	ISSN: 2455-6211	www.ijaresm.com	http://www.ijaresm.com/iot-based-air-pollution-monitoring-system
3	EEHRP: Energy Efficient Hybrid Routing Protocol for Wireless Sensor Networks	Nandkumar Kulkarni, Dnyaneshwar Mantri,Neeli Rashmi Prasad, Ramjee Prasad	1550-4654 _online	https://journals.riverpublishers.com/index.php/JMM/article/view/5501	https://doi.org/10.13052/jmm1550-4646.171313

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4	Design and Development of a Two Wheeled Self Balancing Robot.	Pranay Doble, Shradha Parkhi, Anagha Bodhe, Dr. D. S. Mantri	2582-3930	www.ijsrem.com	http://ijsrem.com/volume-05-issue-06-june-2021/
5	IoT based Thief Detection and Surveillance System using Raspberry Pi	Rahul Gupta, Shrutika Sorte, Aman Kumar ,Dr.D.S.Mantri	2582-3931	www.ijsrem.com	http://ijsrem.com/volume-05-issue-06-june-2021/
6	Artificial Intelligence Based Compact Sanitization Robot	Vaishali Baste,Dnyaneshwar Tandale,Darshan Wankhede	2278-1021	DOI 10.17148/IJARCCE.2021.105132	https://ijarcce.com/wp-content/uploads/2021/06/IJARCCE.2021.105132.pdf
7	Survey on development of convenient health monitoring system for pregnant women in rural area	Vaishali Baste,Shubhangi Gaikar,	P-ISSN:2707-6571,E-ISSN:2707-658X	http://doi.org/10.33545/27076571	https://www.computersciencejournals.com/ijcai/article/26/2-1-4-415.pdf
8	Published Patent by Student Project team under the guidance on the topic Design and Development of AI Based compact sanitization Robot System	Vaishali Baste,Dnyaneshwar Tandale,Darshan Wankhede	Application number:202021047688A, Patent no:202021047688	https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4927_1/Part-1.pdf
9	Spying RoboCrowler	Prof. Shital More, Ritvik Bahirwar, Parimal Gavali, Apurva Patil	031-4773	http://penseresearch.com/index.php/vol51issue3-2/	https://app.box.com/s/hkt4nazoh7ykv85sfag5mukrhau4m0ja

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10	Automobile Automation	Ashwin Kumar Mandal, Ayush Kumar, Piyush Ranjan, Prof. Vijaya G. Rajeshwarkar	e-ISSN: 2582-5208	https://irjmets.com/	https://drive.google.com/drive/u/1/folders/1EoQVGZrliHyffqG6iCDznAuaWd7vhJFA
11	Agrobot	Prof. Manoj Bhosale1 , Ajay Thorat2 , Dhanashree Shete3 , Tanmay Tikekar4	ISSN 2581-9429	http://ijarsct.co.in/	http://ijarsct.co.in/Paper1463.pdf
12	A Literature Survey On Fault Investigation Methods Of Voltage Source Inverters	V.S.Baste/sonawane,Dr.S.B.Patil	ISSN: 2320-2882	www.ijcrt.org	https://drive.google.com/file/d/1mFwlk3ycR4HDi1-cXn5BkUH2_hKK3y_0/view?usp=share_link
13	Detection of Damaged Gas Pipeline using IOT	V.S.Baste	2581-9429	_	https://drive.google.com/file/d/1bjWOHCID4Kcy1Az0zRNTJKnoZ989alEe/view?usp=share_link
14	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	V.S.Baste/sonawane,Dr.S.B.Patil	1303-5150	10.14704/nq.2022.20.5.NQ22763,	https://drive.google.com/file/d/1V8f2ksq8b5j71l-WkXb0-DVFOPE97h5l/view?usp=share_link
15	Performance Analysis of Low Energy Adaptive Clustering Routing protocol based on Scalability and Density in Wireless Sensor Networks for IoT Applications	Vijaya Rajeshwarkar Dr.S.M.Jagade, Dr.P.Chandrasekhar Reddy	ISSN: 2455-6211	www.ijaresm.com	_
16	Enhancement of network coding in wireless sensor network using improved lion algorithm: intention toward maximizing network throughput and lifetime	P.R.DIKE	ISSN 2049-6427	DOI 10.1108/IJIUS-02-2021-0007 May-24, 2021.	_
17	Ubiquitous Networks: A Need of Future World of Things	Dnyaneshwar S Mantri, Pranav M Pawar, Nandkumar P		https://doi.org/10.13052/jicts2245-800X.933	

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		Kulkarni, Neeli R Prasad			
18	Occlusion and Spoof Attack Detection using Haar Cascade Classifier and Local Binary Pattern for Human Face Detection for ATM	Nandkumar Kulkarni, Dnyaneshwar Mantri, Pranav Pawar, Madhukar Deshmukh, Neeli Prasad		_	_
19	Smart City Applications in Environmental Different Fields	Prof. Shital Kiran More	ISSN 2229-5518	https://www.ijser.org/necitme-2021-conference-papers.aspx	https://www.ijser.org/onlineResearchPaperViewer.aspx?Smart-City-Applications-in-Environmental-Different-Fields.pdf

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Number of books and chapters in edited volumes/books published and papers publishedin national/ international conference proceedings per teacher during year

Sr. No	Name of the teacher	Title of the book/chapters published	Title of the paper	Name of the conference	Natio nal / Inter natio nal	ISBN/ISS N number of the proceedin g	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. D.D. Chaudhary	NA	A Smart Prioritized Ambulance Service With Intelligent Traffic Control System	IEEE TEC HNIC OKN OCK DOW N-2021	Natio nal	978-81-992245-3-6, pp 161-164	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
2	Dr. D. S. Mantri	NA	IoT based Thief Detection and Surveillance System using Raspberry Pi	IEEE TEC HNIC OKN OCK DOW N-2021	Natio nal	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
3	Dr. D. S. Mantri	NA	Design and Development of a Two Wheeled Self Balancing Robot.	IEEE TEC HNIC OKN OCK DOW N-2021	Natio nal	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center

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4	Dr.Sharad Gholap	NA	Automatic Sanitization System for Transportation and Auditorium	IEEE TECHNICOKNOCKDOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
5	Ms. D.K.Shende	NA	IOT Based SmartyChef-Automated Electro- Meachanical Chef	IEEE TECHNICOKNOCKDOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
6	Mr. R.V.Babar	NA	An Automatic Solar Panel Cleaning System	IEEE TECHNICOKNOCKDOWN-2021	National	978-81-992245-3-7	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
7	Ms. Shital More	NA	Spying RoboCrowler	IEEE TECHNICOKNOCKDOWN-2021	National	031-4773	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
8	Ms. Vaishali Baste	NA	Intelligent Sanitization Robot	IEEE TECHNICOKNOCKDOWN-2021	National	978-81-992245-3-6	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center

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9	Dr.Sharad Gholap	NA	"Measuring and Monitoring of Chemical Reactor using PLC"	IEEE TECHNICOKNOCKDOWN-2021	National	978-81-992245-3-9	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
10	Ms. Vijaya Gopalrao Rajeshwarkar	Text Book on SE (E&TC) SPPU syllabus for "Electrical Circuits	NA		National	ISBN : 978-93-89889-49-9	Sinhgad Institute of Technology, Lonavala	Savitribai Phule Pune University
11	Dr.D.S.Mantri	Published Book on Microcontroller for TE E&TC engineering SPPU Pune , ISBN : 978-93-91567-60-6, Oct 2021	NA	NA	NA	ISEN 9789319570686	SPPU Pune	Savitribai Phule Pune University
12	Mrs. V.S.Baste	NA	Survey on development of convenient health monitoring system for pregnant women in rural area	NA	NA	E-ISSN: 2707-658X P-ISSN: 2707-6571	International Journal of Computing and Artificial Intelligence	IJCAI
13	Mrs. V.S.Baste	Publiched book chapterp art of Lecture notes in Electrical Engineering(LNEE 828)of Springer ICCCE2021 proceedings of 4th International conference on communications	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Springer ICCCE2021	International	988-981-16-7985-8	CMR Engg college Hydrabad	

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	and Cyber Physical Engineering,onlin							
14	Mrs.S.K.More	NA	Face Mask Detection for Covid-19	IEEE TECHNICOKNOCK DOWN-2021	National	978-81-992245-3-9	Sinhgad Institute of Technology, Lonavala	NC-Technically sponsored by IEEE Bombay Section and IETE Pune center
15	Mrs. V.S.Baste	NA	Fuzzy Based Open Switch Fault Diagnosis of Three Phase Voltage Source Inverter	ICCUBEA2022	International			

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

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Internship

SUMMARY
A.Y. 2021-22 SEM-I, SEM-II

Sr. No.	Class / Course	No. of students for internship	Coordinated by	Date/Duration
01	Internship on Digital Learning	3	Prof. D. B. Patil	1 Month
	Internship on Cyber Security	5	Prof.S.K.More	2 Months
	Internship on Programming Languages	1	Dr. S. B. Gholap	1 Month
	Internship on Programming Languages	3	Prof. D. B. Patil	2 Months

Prof. D. B. Patil
(Internship Coordinator)

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