



AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय



Department of Electronics and Telecommunication Engineering
2020-21, Sem-I
e-NEWS LETTER

July 2020 to Dec 2020

Month of release: Jan 2021

Principal: Dr. D S Bormane

Head of Department: Dr. D G Bhalke

Advisory Committee

Dr. D. S. Bormane
Prof. K B Chaudhari
Prof. N P Mawale
Dr. P P Vast
Prof. Y P Lad

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Dr. D G Bhalke

Editor

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AISSM Society, Pune : Our Inspiration



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Shri Sambhajiraje Chhatrapati
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Shri Malojiraje Chhatrapati
Honorary Secretary, AISSM Society

Principal Message



Dr.D.S.Bormane

Principal

AISSMS College of Engineering, Pune

AISSMS COE as an outcome of academic excellence achieved is consistently producing University gold medalists and top rankers in different branches of engineering. Faculty is actively involved in research and development. College has number of very high-end analytical, computational and experimental facilities for students. We have inclined our focus towards Research field to concentrate more upon the Engineering Research activities for overall development of students. College is accredited by NAAC A+ grade and received Best Professional College Award by Savitribai Phule Pune University.

HOD Message



Dr. D. G. Bhalke

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Department of Electronics & Telecommunication Engineering is supported by 14 faculty members and 06 non-teaching staff. Electronics and E&TC Engineers produced by this Department have contributed to industrial development at national and international level. Department has a good liaison with the industry. Department has well equipped laboratories and excellent computational facilities. Software like MATLAB, Simulink,

Multisim, Psim, CadFeko, Xilinx, Microwind, etc. are available in the Department to work on top-of-the line projects in various areas of Electronics and Telecommunication Engineering. Faculty members and students are actively engaged in research. For overall development of the students, Guest Lectures from eminent persons in the field are arranged; Industrial Tours, Technical Workshops, Soft Skill training programs are arranged on regular basis. IE Student Chapter, ISTE, IETE and IEEE student branch helps students to arrange the various programs in the Department. It leads to develop the leadership and managerial qualities of the students. Institution of Engineers, India (IEI) Students' chapter is very active in the Department and won Best Student Chapter Award at National Level for consistently seven years

. Every year students organize a Technical Event '**SILICON FUSION**' under the aegis of 'AISSMS ENGINEERING TODAY'. The Prizes are sponsored by various industries. Students from all over India, in engineering field, are participating in this event. Students are encouraged to pursue higher education like ME/M.Tech and MS. All eligible students are placed in various industries. Consistently, the result of BE (Electronics) and BE(E&TC) class is Excellent. Department has a track record of University Rankers.

<i>VISION of Department</i>
Society Growth and Welfare Through Competent Electronics and Communication Engineering Graduates

<i>MISSION of Department</i>
To impart quality education in the field of E & TC engineering to solve societal and industrial problems with focus on transdisciplinary approach
To provide stimulating learning environment with modern tools & technologies
To produce dynamic graduates with ethics and moral values.

<i>PROGRAM SPECIFIC OUTCOMES</i>	
PSO1	Analyze Design and test Analog and Digital circuits and systems for given application.
PSO2	Implements technical blocks of hardware – software co-design for Embedded & Robotics automation application.
PSO3	Apply knowledge of E & TC system for social and environmental problems as a individual member or leader of diverse team in multidisciplinary settings

<i>PROGRAM EDUCATIONAL OBJECTIVES(PEOs)</i>	
PEO1	To build strong fundamental knowledge among graduates required to pursue their higher education and continue professional development
PEO2	To enable graduates to identify, analyze and solve Electronics and communication engineering problems by applying basic principles and modern techniques.
PEO3	To enable graduates to innovate, design and develop hardware & software components and groom their ability to succeed in multidisciplinary &diverse field.
PEO4	To imbibe professional attitude, effective communicational skills, teamwork skills for becoming a responsible, cultured human being



Department Faculty member and Non-teaching Staff

DEPARTMENT ACHIEVEMENT:

FACULTY ACHIEVEMENTS:

SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	Dr. D G Bhalke	Organized and delivered talk in VLAB Outreach workshop at SKNCOE Pune Pune on 7 th October 2021. (76 Participants)
		Organized and delivered talk VLAB Outreach workshop all engineering college under SPPU, Pune on 18 th July 2020. (696 Participants)
		Organized and delivered talk VLAB Outreach workshop at Parikrama GOI, Kasti Pune on 18 th August 2020. (73 Participants)
2	Mrs. R R Itkarkar	Demonstration of Vlab Experiments at a. MES COE, Pune on 12th August 2020 b. Parikrama COE, Kashti on 18th August 2020 c. SKN COE Pune on 7th October 2020
		Guest Lecture at S B Patil COE Indapur for TE(E & TC) on Digital Communication subject on 5th October 2020
		Faculty Mentor and Grader for IUCEE Course on “AI for All” Sep to Nov 2020
3	Mr. S B Dhekale	S E (2019 course) Object Oriented Programming Syllabus framing and presented to BoS E&TC SPPU Pune
		Conducted session for faculty members of SPPU on Operator overloading in Object Oriented Programming FOW organized by

		BoS E&TC SPPU Pune
		Delivered talk on ARM university program for free online resources to SPPU faculties
		Participated in Syllabus framing workshop of TE (E&TC) 2019 pattern
4	Dr. P P Vast	Faculty Mentor and Grader for IUCEE Course on “Entrepreneurship” Sep to Dec 2020
5	Mrs. V S Navale	Faculty Mentor and Grader for IUCEE Course on “Entrepreneurship” Sep to Dec 2020

SEMINAR/WORKSHOP/WEBINAR ORGANISED BY DEPARTMENT:

Sr. No.	Name of Coordinator/s	Title of the Seminar/Webinar/Workshop	Duration /Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. D G Bhalke	Webinar on organized with speaker Dr D G Bhalke on enhancing quality culture in technical institutes through online teaching for Outcome based Education	5/7/2020	90 International Participants from 28 Countries and 1500+ registered and 2000+ YouTube Views.	AISSMSCOE
2	Dr. D G Bhalke Mr. N P Mawale Mrs. R R Itkarkar	Virtual Labs Hands on workshop for faculty of all Engineering Disciplines Speaker: Dr Santosh Naronha, Hon Pushpdeep Mishra, dr D S Bormane, Prof Rajendra Kaduskar, Dr K J Kulkarni,PVG & AISSMS COE Vlab nodal centre in coordination with SPPU & IIT Bombay	18/7/2020	7243	AISSMSCOE

3	Mrs R R Itkarkar Mr N P Mawale	Webinar on Design, Development and implementation of project methodologies Speaker: Mr Satyashil Adnaik (Scrum Master/ IT project manager) at Jet2.com , Leeds, UK	11/7/2020	100	AISSMSCOE
4	Mr. N P Mawale	Webinar on NAAC Process, Review & Reformation organized by AISSMSCOE , Pune in association with Terana Public Trust COE, Osmanabad and IE, Kolkata Speaker: Dr. D S Bormane, Dr. D G Bhalke	12/7/2020	4100+	AISSMSCOE
5	Mr. S B Dhekale	opportunities and career perspective of E& TC Engineering Speaker: Dr. D G Bhalke	6/7/2020	200	AISSMSCOE
6	Mr. N P Mawale	Health & Happiness Workshop Speaker: Mr. Arvind Goel	6/7/2020	200	AISSMSCOE
7	Mr. N P Mawale	Virtual Internship Mr Swarup Gandewar (Founder & CEO, GTGP Nagpur)	6/7/2020	200	AISSMSCOE

8	Mr. V B Gawai	Physical Fitness Dr M M Kondhare (Gymkhana Head), Ms K Sant (Cultural Coordinator), Mrs Shikha J Pachouly	6/7/2020	200	AISSMSCOE
9	Mrs. V D Nagrale	CITP Support for Students Dr A V Waghmare (CITP coordinator)	6/7/2020	200	AISSMSCOE
10	Mr. S B Dhekale	Importance of project from placement point of view speaker:Mr Rajesh Vartak , Director & Chief mentor , Texceed Technologies	7/7/2020	200	AISSMSCOE
11	Mr. S B Dhekale	How to kick start your campus preparation Speaker: Dr. Madhav Raul	7/7/2020	200	AISSMSCOE
12	Mr. N P Mawale	Role of professional student chapter Speaker:Dr S M Ali, Director membership, IEI Kolkata	7/7/2020	200	AISSMSCOE
13	Mr. N P Mawale	Opportunities & challenges for research & Development Speaker:Dr Nilanjan Sengupta (Director Technical, IEI, Kolkatta	7/7/2020	200	AISSMSCOE
14	Mr. N P Mawale	Lifelong learning skills (Meditation , Yoga) Mr. Akshay Seshadri	8/7/2020	200	AISSMSCOE

15	Mrs. V S Navale	Being interview ready Speaker: Mrs. Monika Nehe (Lead Business Group HR, BFSI-US west, TCS)	8/7/2020	200	AISSMSCOE
16	Mrs. K B Chaudhari	Resume building Speaker: Mr. Kedar Chaudhari	8/7/2020	200	AISSMSCOE
17	Mr. V B Gawai	Hackathon preparation Speaker: Mr. Shubham Badhe	8/7/2020	200	AISSMSCOE
18	Ms. V V Deshmukh	Life learning skills(Financial Management) Speaker: Mr. Siddharth Shah Speaker: Mr. Siddharth Shah	8/7/2020	200	AISSMSCOE
19	Dr. D G Bhalke	Opportunities & preparation for campus placement Speaker: Mr. S P Rao Borde	9/7/2020	200	AISSMSCOE
20	Mr. S B Dhekale	Stress management Speaker: Dr C A Halingale	9/7/2020	200	AISSMSCOE
21	Mr. S B Dhekale	online certification Speaker: Mr Lalit Bhalerao, Senior Consultant, Price water House Coopers Pvt Ltd	9/7/2020	200	AISSMSCOE
22	Dr. P P Vast	Why, how & what	9/7/2020	200	AISSMSCOE

		entrepreneur Speaker:Mr. Ishan Kute			
23	Mr. N P Mawale	Industry 4.0 Dr Enti Rangga Reddy , Diector member IEI Kolkota	10/7/2020	200	AISSMSCOE
24	Mr. N P Mawale	Higher education opportunities Speaker: Ms. Nikita Gaikwad	10/7/2020	200	AISSMSCOE
25	Ms. V V Deshmukh	Alumni panel discussion Nr Nadeem Athani, mr Gaurav Powar, Mr Gunjan Naik	10/7/2020	200	AISSMSCOE
26	Dr. D G Bhalke	Opportunities in RPA Speaker: Mr. Sagar Kothe	10/7/2020	200	AISSMSCOE
27	Mr. N P Mawale Mrs. V S Navale	Gender equality ,lets rise from shadows Speaker:Mrs Alka Joshi (Founder member of Abhivyakti group, Pune & leading activist) faculty coordinator Dr M A Pradhan, Mr N P Mawale, Ms V S Navale	15/7/2020	2600	AISSMSCOE
28	Mr. S B Dhekale	Internship & Project Opportunities in IOT Speaker: Abhigyanam, training head at Ind Eyes Infotech Pvt Ltd faculty coordinator Mr S B	19/8/2020	100	AISSMSCOE

		Dhekale			
29	Dr. P P Vast	IEEE sponsored webinar on Embedded System & RTOS Mr Dnyanesh Joshi Senior Software Engineer , Magic Leap, San Jose, California Coordinator Dr P P Vast Speaker:Mr Dnyanesh Joshi	30/9/2020	100	AISSMSCOE
30	Mr. N P Mawale	Role of Youth in Attending Atmanirbhar bharat in Energy Speaker:AISSMS COE in association with Energy Swaraj Foundation Dr Anil Kakodkar, Mrs Ela Gandhi, Prof Subhasis Chaudhari, Chetan singh Solanki coordinator Mr N P Mawale	2/10/2020	100	AISSMSCOE
31	Mr. N P Mawale	Career Opportunities in Civil Services for Engineers Pratik V Thube , IPS, Assam Meghalaya Cadre coordinator Mr N P Mawale & Mrs V S Navale	15/9/2020	100	AISSMSCOE
32	Dr. D G Bhalke R R Itkarkar	Create your success story with growth Mindset Speaker:Dr Rupali Pawar , CEO TechieMindz coordinator R R Itkarkar & Dr D G Bhalke	25/9/2020	100	AISSMSCOE
33	Mrs. R R Itkarkar	Inauguration of AISSMS COE IEEE Student Branch,	03/10/202	110	AISSMSCOE

		<p>Chief Guest Mr. Girish Khilare, Chair -IEEE Pune section. Coordinator R R Itkarkar</p> <p>Webinar on Engineering Graduates- A Road Map by Dr. Shankar Nawale - Principal NBN Sinhgad COE , Solapur Coordinated by R R Itkarkar</p>	0		
34	Mrs. R R Itkarkar	<p>Evolution of Telecom Network landline to 5 G</p> <p>Mr Avinash Kumar, Head RNOP MAN/PLGETisalat (Emirates Telecommunications) Dubai coordinator R R Itkarkar</p>	6/10/2020	100	AISSMSCOE
35	Mr S B Dhekale	<p>Resume Preparation</p> <p>Dr Madhav Raul Head T&P, SVMP's COE, Malegaon Baramati coordinator</p>	28/10/2020	100	AISSMSCOE
36	Dr D G Bhalke R R Itkarkar	<p>Journey to Brain</p> <p>Dr Prabhat Ranjan VC , D Y patil International University Pune Dr D G Bhalke, R R Itkarkar, coordinator</p>	31/10/2020	100	AISSMSCOE
37	Mr V B Gawai	<p>Bridge the gap between Industry & Academics</p> <p>Ms Patil. Expert from Deloitte coordinator Mr V B Gawai</p>	31/10/2020	100	AISSMSCOE

38	Dr P P Vast	EMI/EMC set up demonstration coordinator Dr P P Vast	3/11/2020	13	AISSMSCOE
39	Mr. N P Mawale	Introduction to Industrial IOT & its Prospects Mr Sandeep Shroff , CEO, founder Autointell Services coordinator Mr N P Mawale & Mr S B Dhekale	6/11/2020	100	AISSMSCOE
40	Mrs. R R Itkarkar	How to write research paper Dr Parikshit Mahalle coordinator R R Itkarkar	10/11/2020	100	AISSMSCOE
41	Dr. D G Bhalke	Interaction of Principal with Department Students Dr. D S Bormane, Principal, AISSMSCOE Dr. D G Bhalke , HOD E&TC Department	14/12/2020	100	AISSMSCOE
42	Mr. S B Dhekale	Organized webinar on “Introduction to industrial IoT and its prospect” by Mr. Sandeep Shroff	06/11/2020	100+	AISSMSCOE
TOTALSEMINAR/WORKSHOP/WEBINAR ORGANISED BY DEPARTMENT:42					

FDP/STTP/WORKSHOP ATTENDED BY DEPARTMENT FACULTY:

S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr.D G Bhalke	One week ATAL FDP on ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making”	Manipal University Jaypur	23 rd to 27 th November, 2020
		ATAL FDP on Internet of Things”	IIT Goa	14-11-2020 to 18-11-2020
		AICTE sponsored One week STTP on, “ Advances in Biomedical Signal Processing Hands on”	cceow pUNE	5-10 OCT 2020
		AICTE sponsored one week STTP on, “Challenges and Opportunities in Smart City Implementation in IOT Era”,	RSCOE Pune	19-24 Oct 2020.
		One week AICTE Sponsored STTP on, “ Digital Skill development for professionals”	BSIOTR Pune	7 Dec to 12 Dec 2020
		AICTE sponsored one week STTP on, ” “Emerging application of geographic	AISSMSCOE Pune	30 Nov -5 Dec 2020

	information system (EAGIS-2020)”		
	IETE sponsored one week FDP on, “Computational Intelligence for Cyber security”,	AISSMSIOIT Pune	26 Oct to 2 nd Nov 2020.
	ATAL Online FDP on “internet of things (IOT) from 14/11/2020 to 18/11/2020 at Indian institute of technology (IIT Goa)	Indian institute of technology (IIT Goa)	14/11/2020 to 18/11/2020
	. ATAL Online FDP on “Road-Response Effectiveness Organising Self, attitudinal shift ,decision making” from 23/11/2020 to 27/11/2020 at Manipal University Jaipur	Manipal University Jaipur	19-24 Oct 2020.
	One week ATAL FDP on “ Internet of Things” from 14-11-2020 to 18-11-2020 organized by IIT Goa	IIT Goa	19-24 Oct 2020.

		AICTE sponsored One week STTP on, “ Advances in Biomedical Signal Processing Hands on” organized by CCOEW Pune during 5-10 Oct 2020.	CCOEW Pune	19-24 Oct 2020.
		AICTE sponsored one week STTP on, “Challenges and Opportunities in Smart City Implementation in IOT Era”, organized by JSPMs RSCOE Pune during 19-24 Oct 2020.	JSPMs RSCOE Pune	19-24 Oct 2020.
		One week AICTE Sponsored STTP on, “ Digital Skill development for professionals” organized by BSIOTR, Wagholi, Pune during 07/12/2020 to 12/12/2020.	BSIOTR, Wagholi,	07/12/2020 to 12/12/2020
		AICTE sponsored one week STTP on, ” “Emerging application of geographic information system (EAGIS-2020)” during 30 Nov -5 Dec 2020 organized by AISSMSCOE Pune	AISSMSCOE Pune	30 Nov -5 Dec 2020
		One week FDP on, “ Research and Quality Publications: practices and Tools”, Jointly organized by Central Library, COEP Pune and Manipal Technical University, Imphal under TEQIP-III during 20-12-2020 to 24-12-2020.	Central Library, COEP Pune and Manipal Technical University, Imphal	20-12-2020 to 24-12-2020

		One week national level one week faculty development program on “ computational intelligence for cyber security” organized by E & TC engineering of AISSMS IOIT pune from 26th oct to 2nd Nov 2020	E & TC engineering of AISSMS IOIT pune	26th oct to 2nd Nov 2020
		One week FDP on, “ Research and Quality Publications: practices and Tools”,	Jointly organized by Central Library, COEP Pune and Manipal Technical University, Imphal under TEQIP-III.	20-12-2020 to 24-12-2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Dr. D G Bhalke				17
2	Mrs. K B Chaudhari	ATAL FDP “Electric Hybrid Vehicle HESS Technology”	Electrical Department, AISSMS COE, Pune	5th - 9th Oct 2020
		ATAL FDP “Biomedical Engineering Systems and Technology”	Sardar Patel Institute of Technology,	23rdNov - 27th Nov 2020

			Mumbai	
		FDP on “Higher Education 2020: Requirements and Expectations”.	Organized by Internal Quality Assurance Cell, TPCT’s College, of Engineering, Osmanabad	8 th July to 12 th July, 2020
		FDP on “Algorithms and Techniques for Signal Processing”	College of Engineering, Pune and Manipur Technical University (MTU), Imphal, Sponsored by TEQIP-III (CoE S&IP)	14 July 2020 to 18 July 2020
		FDP on “Recent Trends in Mechatronics and Automation”	Jointly Organized by the Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon (Bk) Pune	30 th June to 04 th July, 2020
		FDP on “Research Methodology and Techniques”	Sandeep Foundations Sandip Institute	4th July -06th July 2020

			of Engineering and Management, Nasik	
		STTP on “Machine Learning: Algorithms and Applications in Data Science”	Department of Electronics Engineering BRAC’s Vishwakarma Institute of Technology	1 Week 7th Sept. 2020 to 12th Sept. 2020
		STTP on “Computer Networking-Network security”	Department of Electronics & Communication, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	21st to 26th September 2020
		STTP on “Advances in Biomedical Signal Processing with Hands-on”	MKSS Cummins College of Engineering	One-Week 02 -07 November 2020
		STTP on “Digital Skill Development for Professionals”	BSIOTR, Wagholi	07 Dec to 12 Dec2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS	18 July 2020

			E&TC	
Total FDP/STTP/Workshop attended by Mrs. K B Chaudhari				11
3	Mr. A Y Kazi	“Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching	All India Shri Shivaji Memorial Society's College of Engineering,Pun e in association with The Institution of Engineers (India),Kolkata	05th July 2020
		“Internet of Thing for Agriculture”	Gajanan Maharaj College of Engg. Shegaon	5/10/2020 to 9/10/2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mr. A Y Kazi				03

5	Mr. N P Mawale	“Internet of Thing for Agriculture”	Gajanan Maharaj College of Engg. Shegaon	5/10/2020 to 9/10/2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mr. N P Mawale				02
6	Ms. V D Nagrale	AICTE Training And Learning (ATAL) Acade Online FDP on "Computer Science & Biology	Government Engineering College, Hassan	2020-10-12 to 2020-10-16
		NITTTR, BHOPAL Accreditation 12 Webinar series	NITTTR, BHOPAL	14 th July to 27 th Aug 2020
		One Week Online Faculty Development Program on “Linux”	Spoken Tutorial Project, IIT Bombay, funded by	25th May 2020 to 29th May 2020

			NMEICT, MHRD, Govt. of India	
		AICTE Sponsored One Week STTP on “VLSI Design Using Cadence Tools: Digital CMOS Design and Verification” series of 3	SPIT, Mumbai	12 th oct 2020 to 5 th dec 2020
		AICTE Sponsored Two Week FDP on “Insights into Intelligent Automation, Machine Learning and Data Science : Foundation of Data Science” series of 3	SPIT, Mumbai	19 th oct to 19 th Dec 2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Ms. V D Nagrale				06
7	Dr. P P Vast	"Sensors Technology"	NIT Jamshedpur.	1/10/2020 to 5/10/2020
		"Micro-electromechanical Systems"	SARDAR PATEL COLLEGE OF ENGINEERING	23/11/2020 to 27/11/2020

		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/ Workshop attended by Dr. P P Vast				03
8	Ms V V Deshmukh	FDP on "Control Systems & Sensors Technology	Gayatri Vidya Parishad College Degree and PG courses (A). ATAL FDP	2/11/2020 to 6/11/2020
		STTP on “ Practical Approach Engineering for Technical Personnel Technovators 2020	PCCOE, Pune Department of E&TC Engineering	7/7/2020 to 13/7/2020
		STTP on “Recent Trends in Data Science & Information Security	RAIT, Navi Mumbai Department of Engineering	22/6/2020 to 26/6/2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
		FDP on “ Computational Intelligence for Cyber Security”	AISSMS IOIT Department of E&TC Engineering	26/10/2020 to 2/11/2020
Total FDP/STTP/Workshop attended by Ms. V V Deshmukh				05
9	Mrs. V S Navale	“Internet of Thing for Agriculture”	Gajanan Maharaj College of Engg. Shegaon	5/10/2020 to 9/10/2020

		“Augmented Reality Virtual Reality”	Rajeev Gandhi Memorial College of Engg. and Technology	12/10/2020 to 16/10/2020
		STTP on Digitally Controlled Power Converters for Industrial and Renewable Application	SSBT’s College of Engineering and Technology, Bhambori, Jalgaon	26/10/2020 to 31/10/2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mrs. V S Navale				04
10	Mrs. Y P Lad	ATAL FDP on “Mechatronics”	GCIET.	19/10/2020 to 23/10/2020
		ATAL FDP on Advanced Communication Engineering	Bharati Vidyapeeth College of Engineering, Navi Mumbai	07/12/2020 to 11/12/2020
		Online STTP on Data Science organized by RAIT, Navi Mumbai	RAIT, Navi Mumbai	22/06/2020 to 26/06/2020.
		STTP on Computer Networking	Bharati Vidyapeeth College of Engineering. Pune	26/10/2020 to 31/10/2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs	18 July 2020

			COET, Pune, IIT Bombay and SPPU BoS E&TC	
Total FDP/STTP/Workshop attended by Mrs. Y P lad				05
11	Mr V B Gawai	“Internet of Thing for Agriculture”	Gajanan Maharaj College of Engg. Shegaon	5/10/2020 to 9/10/2020
		“Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching	All India Shri Shivaji Memorial Society's College of Engineering,Pun e in association with The Institution of Engineers (India),Kolkata	05th July 2020
		Faculty Orientation workshop on SE 2019 Course organized by SPPU	BoS SPPU,Pune	22-26 June 2021
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mr. V B Gawai				04
12	Mrs. R R Itkarkar	FDP on Pedagogical techniques in electronics and electrical engineering	Walchand COE Sangli under TEQIP-III	10-14 August 2020
		ATAL Academy online FDP on Cyber security	Gandhi Institute of technology and management Bengaluru	14th Dec 2020 to 18th Dec 2020

		AICTE funded STTP on Digital Skill Development for Professionals	JSPM's BSIOTR, Pune	6 days – 07 th Dec 2020 to 12 th Dec 2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mrs. R R Itkarkar				04
13	Mrs. S A Takalkar	STTP on “Computer Networking-Network security”	Department of Electronics & Communication, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	21st to 26th September 2020
		“Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching	All India Shri Shivaji Memorial Society's College of Engineering, Pune in association with The Institution of Engineers (India), Kolkata	05th July 2020
		Internet of Things (IoT)	ATAL-AICTE Training and Learning Academ	5th Oct to 9 th Oct 2020
		Recent Trends in IoTs and Cloud Computing	ATAL-AICTE Training and Learning Academ	12 th Oct to 16 th Oct 2020

		Global Navigation Satellite System (GNSS)	ATAL-AICTE Training and Learning Academ	18 th Dec to 22 nd Dec 2020
		Hands-On Workshop on Virtual Lab	AISSMS COE in association with PVGs COET, Pune, IIT Bombay and SPPU BoS E&TC	18 July 2020
Total FDP/STTP/Workshop attended by Mrs. S A Takalkar				06
Total FDP/STTP/Workshop attended by Faculty				70

FDP/STTP/WORKSHOP ORGANISED BY DEPARTMENT:

Sr.No	Details
1.	Virtual Labs Hands on workshop for faculty of all Engineering Disciplines by PVG& AISSMS COE Vlab nodal centre in coordination with SPPU & IIT Bombay.Speaker: DrSantosh Naronha,IIT, Bombay, Hon Pushpdeep Mishra, Dr D S Bormane, Prof RajendraKaduskar, Dr K J Kulkarni.

CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY :

S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Ms K B Chaudhari	Milti-Media Signal Processing MMSP 2020	IEEE SP Society held in TAMPERE, Finland	21-24 September 2020

ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY:

S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Dr D G Bhalke	Nptel Course on NBA	IIT Mumbai	Jan 2021 (12 weeks)
2	Mr N P Mawale	Introduction to Problem Based Learning	Online Mooc Course of Albourne University, Denmark	2 Weeks
3	Dr P P Vast	Introduction to Embedded Systems	NPTEL	12 weeks
4	Ms V D Nagrale	Data Analysis using Python - Pandas and earned his/her Kaggle Certificate	Suven consultants Technology, Mumbai	One week
		Coding a Deep learning Neural Network for classifying Clothing & Accessories using Tensorflow-Keras	Suven consultants a technology, mumbai	One week
5	Ms V S Navale	Introduction to Embedded Systems	NPTEL	12 weeks
6	Ms Y P Lad	Three Months Online Course on IUCEE Online Teaching	IUCEE	July 2020 to September 2020
7	Mr. A D Paygude (Lab Assistant)	Introduction to Programming with MATLAB	Coursera and Vanderbilt University	9 Weeks course completed on 31 October 2020
TOTAL ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY: 07				

FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON :

S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr. D G Bhalke	Delivered talk on, “ Research Methodology: Literature Survey” at One week AICTE sponsored STTP on, “ Data analytics and Research methodology”, organized by JSPM’s RSCOE Pune during 7-12 th December 2020	JSPM’s RSCOE	7-12 Dec 2020
		Delivered talk as resource Person for online short term, Faculty Development Training Programme on ‘Institutional Quality Enhancement through NAAC Perspective’ for the Teaching and Non Teaching” at Pratibha College of Commerce and Computer Studies, Pune during 9-11 Dec 2020.	Pratibha College of Commerce and Computer Studies, Pune	9-11 Dec 2020
		Resource Person for webinar on, “ Recent trends in Audio Signal Processing” on 17/07/2020 at NMIT Talegaon.	NMIT Talegaon.	17 July 2020

		Delivered talk for National webinar on “Outcome Based Education” organized by AISSMS COE on 23 rd Sept 2020.	AISSMS COE	23 rd sep 2020
		Worked as resource person for webinar on “opportunities and challenges in Electronics engineering” at DY Patil University Ambi on 05/08	DY Patil University Ambi	5/8/2020
		Worked as resource person for one week online FDP on Engineering 2020: Expectation and requirements at TPCTs COE Osmanabad on 12/07/2020	TPCTs COE Osmanabad	12 July 2020
		worked as resource person for webinar on Recent trends in Audio signal processing at NMIT on 15/07/2020	NMIT,Pune	15 th July 2020
		Delivered talk on a webinar on “ Why E&TC Engineering” at NMIT Pune on 25 th June 2020	NMIT, Pune	25 th June 2020
		Delivered talk on a webinar on “ Effective use of ICT tools for OBE” on 26 th June 2020	NMIT, Pune	26 th June 2020
		Delivered talk on “ opportunities and challenges in E&TC engineering” on 15 th Sept 2020 for E&TC students	NMIT, Pune	15 th Sep 2020

Total (Dr. D G Bhalke)				10
2	Mrs K B Chaudhari	Hands-on workshop on Matlab	Government College of Engineering, Aurangabad.	23-25 October 2020
		Subject expert and reviewed the syllabus of subjects ‘Digital Signal Processing’ and ‘Advanced Signal Processing’ proposed under autonomy	K K Wagh Institute of Engineering Education & Research, Nasik	6-8 November 2020
Total (Mrs. K B Chaudhari)				02
3	Mr N P Mawale	Delivered a talk on Students Chapter Activities	AISSMSCOE, Chemical Department	29/7/2020
		Delivered a talk on Membership Benefits of Institution of Engineers (India)	Mr. N P Mawale (At PVG’s COET, Pune)	31.10.2020
Total (Mr. N P Mawale)				02
4	R R Itkarkar	Demonstration of Vlab Experiments at	MES COE, Pune on 12th August 2020	12th August 2020
			Parikrama COE, Kashti on 18th August 2020	18th August 2020
			SKN COE Pune on 7th October 2020	7th October 2020

		Guest Lecture at S B Patil COE Indapur for TE(E & TC) on Digital Communication subject on 5th October 2020	S B Patil COE Indapur	
Total (Mrs. R R Itkarkar)				04
Total Events Faculty served as Resource Person/Expert/Chair Person				18

EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT:

S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	Mr. N P Mawale Mr. V B Gawai	Robo Quiz Competition	24/9/2020 to 27/9/2020	500+
2	Mr. N P Mawale Mr. V B Gawai	Drone Quiz Competition	24/9/2020 to 27/9/2020	500+
3	Dr. D G Bhalke Mrs. R R Itkarkar	Mask Distribution at Kalyan Village	Nov 2020	100
4	S B Dhekale	Covid Madat Kaksh Founder MemberA/P-Wakhari Tal-Phaltan Dist-Satara	Dec 2020	50+

5	Dr D G Bhalke R R Itkarkar	Awareness campaign to celebrate Diwali Safe & Eco-Friendly and Promote 'Vocal for Local' mission	13 th – 18 th November 2020	500
TOTAL EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT				05

MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Mr.V.B.Gawai	Microcon Power Pvt Ltd	13/7/2020	12/7/23
TOTAL				01

PAPERS PUBLISHED IN JOURNALS

Authors	Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)	Indexing
Vidya Deshmukh1, Mahesh Ghate, Akanksha Sukre, Pramila Shinde2	“Accident Detection and Monitoring using Black Box”, SAMRIDDHI Volume 12, Special Issue 2, 2020 Print ISSN: 2229-7111, Online ISSN: 2454–5767	UGC Care I
Vidya Deshmukh, Suvarna Chorage	“Non-invasive determination of blood glucose level using narrowband microwave sensor” Journal of Ambient Intelligence and Humanized Computing, Springer Nature, DOI: https://link.springer.com/article/10.1007/s12652-021-03105-z	SCIE, Scopus, UGC Care II (India)
Rajeshri R. Itkarkar, Omkar H. Darekar, Sahil U. Vora, Prachi K. Gorate, Nividita V. Ketkar, Dattataray Bormane, Anilkumar Nandi	Voice Conversion System for Indian Sign Language using Raspberry Pi, SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC

Ajinkya P. Gaddime, Dhananjay P. Mane, Ruchita K. Vehale, Vaishnavi S. Khawale, D. G. Bhalke, R. R. Itkarkar	Text to Speech Synthesis in Celebrity's Voice SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
Kirtimalini Chaudhari, Prafulla Ingale, Prathamesh Aswale, Prajyot Aksapure	"Distressed Positioning System based on Long Range Module (LoRa)" SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
Vinay S. Sidawadkar, Rohini Ahire, Shankaranand Lohare, Dipak Gavhale, Prachi P. Vast	Internet of Things-Based Onion Preservation System SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
Arya A. Pisharody, Jayanti S. Pote, Pranali N.R. Jadhav, Santosh B. Dhekale	Internet of Things-Based Monitoring and Mapping of Absentee Visualization on the ShopFloor SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020) SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
Pranita S. Patil, Poorwa D. Kapgate, Shambhavi B. Rathour, Nitin P. Mawale, Rajendra G. Khope	Water Level Monitoring and Leakage Detection System using Long Range Module (LoRa) SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
Rupali B. Kale, Ruchika K. Balwade, Vipin B. Gawai	Online Food Ordering System for College Canteen SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC

Varsha K. Harihar, D. G. Bhalke	Student Placement Prediction System using Machine Learning SAMRIDDHI : A Journal of Physical Sciences, Engineering & Technology, ISSN : 2229 - 7111 (Print) ISSN : 2454 - 5767 (Online), Vol. 12, Special Issue 2 (2020)	UGC
TOTAL PAPER PUBLISHED IN JOURNAL		10

BOOK/ ARTICLE PUBLICATIONS:

Author	Title of the Book	Published by	ISBN	Year
S B Dhekale	Data Structures SE (2019 Course)	Technical Publications	978-93-90641-36-7	2020
TOTAL				01

PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR) :

Sr No.	Name of Faculty	Name of the Patent/Copyright	Patent Number and Date	Type (National/ International/ Commercialized)
1	Itkarkar Rajeshri R, Anil Kumar V. Nandi, Vaishali B. Mungurwadi, Apurva Itkarkar	CNN based hand gesture recognition for Indian Sign Language	Copyright Diary Number 6203/2020-CO/L. 19/10/2020	National
TOTAL				01

STUDENT PLACEMENT:

Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Birlasoft	05	01
2	L&T	03	01
3	TCS	32	05
TOTAL			07

STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME:

Sr. No.	Name of the Student	Name of the Industry	Class	Training duration/ implant training		
				Start date	Last date	Duration (days)
01	Aashutosh Jodh	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
02	Akib Raut	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
03	Ankansa sukre	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
04	Amol Dhole	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
05	Monisha Patil	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
06	Bhushan Dhangar	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
07	Piyush Patil	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
08	Vishal Patil	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
09	Shreyas Lohakare	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks

10	Prashant Dodke	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
11	Pranav kadam	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
12	Priyanka Rudrawar	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
13	Rushikesh kale	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
14	Sanket bansode	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
15	Shrutika chavan	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
16	Shivani Dere	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
17	Sumeet Supe	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
18	Sahil Sethi	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
19	Omkar Kshirsagar	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
20	Ganesh Patil	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
21	Ashwin Joshi	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
22	Datta More	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
23	Kiran Tondchore	IndEyes	B E Elex	01/11/20	21/11/20	Three weeks
24	Shivam Ramdas Deshmukh	The Sparks Foundation	BE E&TC			more than 2 weeks
25	Priyanka sawant	PIE INFOCOMM	BE			more than 2 weeks
26	Swar Malu	M & S Trainings	BE E&TC			more than 2 weeks
27	Chaitali Pramod Mahajan	Edgate University programming	BE(E&TC)			one week
28	Aishwarya Kadu	Renu Electronics Pvt Ltd Pune	TE E&TC			more than 2 weeks

29	Astha Sharma	VI Solutions	BE			more than 2 weeks
30	Shreya Sidramappa Usturge	Pie Infocomm Private limited	B.E. (E&TC)			more than 2 weeks
31	Shivani Singh	VI solutions	BE ENTC			more than 2 weeks
32	Prathmesh Pardeshi	VI Solutions	BE			more than 2 weeks
33	Abhishek Khedkar	THUSE ELEKTRONICS P. LTD.	TE E&tc			more than 2 weeks
34	Kedar Pawar	AISSMS COE	Third Year E&Tc			two week35
35	Diksha Mahendra Ingle	Pie Infocomm Pvt Ltd	BE			more than 2 weeks
36	Vedant Sandeep Kasat	Macbell Infotech	BE E&TC			more than 2 weeks
37	Pragna Chatla	Microcon Power Electronics	BE E&TC			more than 2 weeks
38	Samiksha Metha	Microcon Power Electronics	BE E&TC			more than 2 weeks
39	Taushif Ahmed	EdGate Technologies Pvt Ltd	B.E			two week
40	Akshay Gautam Jadhav	Curiosity Automation Pvt Ltd, Baramati	SE			more than 2 weeks
41	Rutam Uday Khati	SNG packaging pvt.ltd	2nd year [Dsy]			more than 2 weeks
42	Shruti Sunil Patil	Microspectra software technologies	2nd Year (Dsy)			more than 2 weeks
43	Swapnali katke	Pie infocomm	BE (E&TC)			more than 2

						weeks
TOTAL STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR)INTERNSHIP PROGRAMME:						43

STUDENTS' ACHIEVEMENTS:

Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Neeraj V. Mahajan	Best out of Waste/Organised by AISSMSCOE NSS team	2nd rank and Silver Certificate
Saumya Sapna Siddhi Nasare	Efficycle 2020 back team member, Second Prize in extempore competition by IUCEE	Second Prize in extempore competition by IUCEE
TOTAL		02

CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS:

S N	Name of Student	Conducted By	Title of the Course	Duration	Dates
1	Amol Rathod	Great Learning	Data Structure	10 Days	Oct 2020
2	Amol Rathod	Great Learning	AWS for Beginners	10 days	Oct 2020
3	Amol Rathod	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
4	Piyush Dinesh Chaudhari	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
5	Vignesh	AISSMS COE	"Learn to Design your own	1 Day	8th Aug 2020

	Iyer		Solar Home System".		
6	Sapna	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
7	Harsh Shah	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
8	Siddhi Nasare	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
9	Prathmesh Vishwas	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
10	Pratima Lole	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
11	Aashutosh Anant Jodh	AISSMS COE	"Learn to Design your own Solar Home System".	1 Day	8th Aug 2020
12	Neeraj Mahajan	Sololearn	C Tutorial	15 days	Aug 2020
13	Piyush Dinesh Chaudhari	Coursera	Introduction HTML -5	10 day	14th Aug 2020
14	Piyush Dinesh Chaudhari	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
15	Mubin Inamdar	Coursera	Programming for Everybody (Getting Started with	10 Day	16th Aug 2020

			Python)		
16	Mubin Inamdar	Coursera	Python Data Structure	10 Days	8th Aug 2020
17	Vignesh Iyer	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
18	Prachi Kshirsagar	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
19	Prachi Kshirsagar	Coursera	Python Data Structure	10 Days	8th Aug 2020
20	Neeraj Mahajan	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
21	Neeraj Mahajan	Coursera	Google Cloud	15 days	Sep 2020
22	Shirish Nandkar	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
23	Shirish Nandkar	Coursera	Python Data Structure	10 Days	8th Aug 2020
24	Shirish	Coursera	Speak English	10 days	July 2020

	Nandkar				
25	Pranav patil	Coursera	Programming for Everybody (Getting Started with Python)	10 Day	16th Aug 2020
26	Pranav patil	Coursera	Python Data Structure	10 Days	8th Aug 2020
27	Pranav patil	Coursera	Speak English	10 days	July 2020
28	Sapna	Coursera	Learning How To Learn for Youth	25 days	30 July 2020
29	Sapna	Coursera	Data Structure	15 days	16th oct 2020
30	Saumya	Coursera	Learning How To Learn for Youth	25 days	30 July 2020
31	Saumya	Coursera	Data Structure	15 days	16th oct 2020
32	Saumya	Coursera	AI for Everyone	15 days	Nov 2020
33	Saumya	Coursera	Advanced Manufacturing	10 days	04 July 2020
34	Saumya	Coursera	Cyber security management	25 days	22nd July 2020
35	Saumya	Coursera	Design of online course printable using CANVA	3 weeks	28th Dec 2020
36	Saumya	Coursera	Digital marketing	3 weeks	13th July 2020
37	Partima Lole	Coursera	AI for Everyone	15 days	14th July 2020
38	Akansha arun shirbhate	Coursera	Industrial IoT on Google Cloud Platform	10 days	29TH July 2020

39	Akansha arun shirbhate	Coursera	Programming Foundations with JavaScript, HTML and CSS	25days	23th Aug 2020
40	Akib Rashid Raut	Coursera	Programming for Everybody (Getting Started with Python)	15days	25th July 2020
41	Aashutosh Jodh	Coursera	Emotion AI: Facial Key-points Detection	10 days	18th July 2020
42	Aashutosh Jodh	Coursera	Programming for Everybody (Getting Started with Python)	15 days	16th July 2020
43	Prashant Sanjay Dodke	Coursera	Python Data Structures	15 days	18th July 2020
44	Shrutika Dattatray Chavan	Coursera	The Arduino Platform and C Programming	10 days	8th July 2020
45	Sumeet Supe	Udemy	Python Developer in 2020: Zero to Mastery	20 days	3rd Sep 2020
46	Sanket Manohar Bansode	IOT	Industrial Training	3 Weeks	1st Nov to 21st Nov 2020
47	Prashant Sanjay Dodke	IOT	Industrial Training	3 Weeks	1st Nov to 21st Nov 2020
48	Sahil Sethi	IOT	Industrial Training	3 Weeks	1st Nov to 21st Nov 2020
49	Shreyash	IOT	Industrial Training	3 Weeks	1st Nov to 21st

	Lohakare				Nov 2020
50	Shrutika Dattatray Chavan	IOT	Industrial Training	3 Weeks	1st Nov to 21st Nov 2020
51	Prathmesh Vishwas	Automation Anywhere	Advanced RPA Professional		Aug 2020
52	Piyush Dinesh Chaudhari	Automation Anywhere	Advanced RPA Professional	1	Aug 2020
53	Deepali Dalvi	Automation Anywhere	Advanced RPA Professional	1	Aug 2020
54	Prachi Kshirsagar	Automation Anywhere	Advanced RPA Professional	1	Aug 2020
55	Aashutosh Jodh	Automation Anywhere	Advanced RPA Professional	1	Aug 2020
56	Sapna	IUCEE	IUCEE for AI	90 days	Sep to Nov 2020
57	Siddhi nasare	IUCEE	IUCEE for AI	90 days	Sep to Nov 2020
58	Piyush Dinesh Chaudhari	NIIT Chennai	Robotics control using Arduino	4 Weeks	15th Jun to 19th July 2020
57	Vignesh Iyer	NPTEL	German-I	12 Weeks	Sep-Oct 2020
58	Sapna	NPTEL	Human Behavior	12 Weeks	Jan Mar 2020
59	Daideep Bhingarde	NPTEL	Introduction to Embedded System design	12 Weeks	Sep-Oct 2020

60	Piyush Dinesh Chaudhari	NIT surathkal Workshop	Raspberry Pi and Applications	2 Days	12/13th Dec 2020
61	Piyush Dinesh Chaudhari	NASSCOM	AI	1 Day	2nd Sep 2020
62	Deepali Dalvi	NASSCOM	AI	1 Day	13th July 2020
63	Piyush Dinesh Chaudhari	NASSCOM	Adobe UX Design	1 Day	8th Dec 2020
TOTAL CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS:					63

SOCIAL ACTIVITIES ORGANISED:

Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
R R Itkarkar Dr, D G Bhalke	Awareness campaign to celebrate Diwali Safe & Eco-Friendly and Promote 'Vocal for Local' mission	13 th – 18 th November 2020	500

DEPARTMENT ACHIEVEMENT:

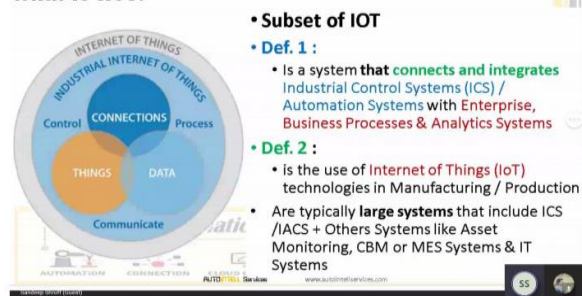
Sr. No.	Details
1	The Department of E&TC received, Best National Level Institution of Engineers Student Chapter Award for AY 2019-20
2	Best Emerging IEEE Student Branch Award 2020 under Pune IEEE Student Section

Glimpses of Event Conducted:



Virtual Lab Workshop (Date:18/7/2020)

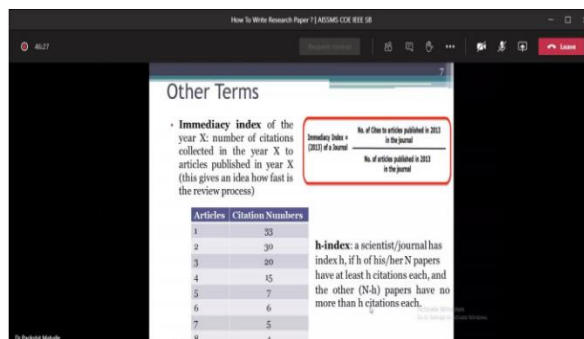
What is IIoT?



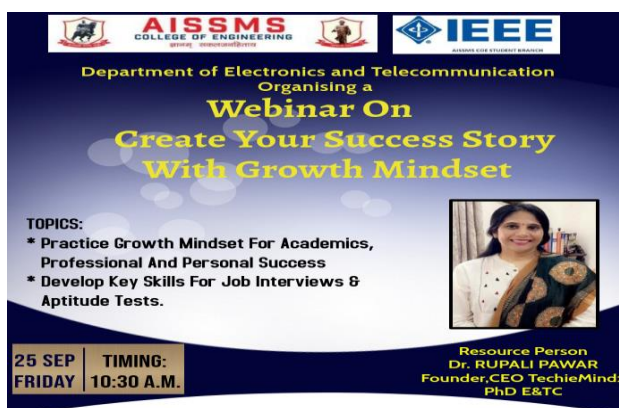
Webinar on ‘Introduction to Industrial IoT and Its Prospects’ (Date:06/11/2020)



Awareness campaign to celebrate Diwali Safe & Eco-Friendly and Promote ‘Vocal for Local’ mission (Date: 13/11/2020)



Webinar on ‘How to write Research Papers?(Date: 10/11/2020)



Student Co-ordinator
Pragna, Rinki, Dai deep, Piyush, Amol

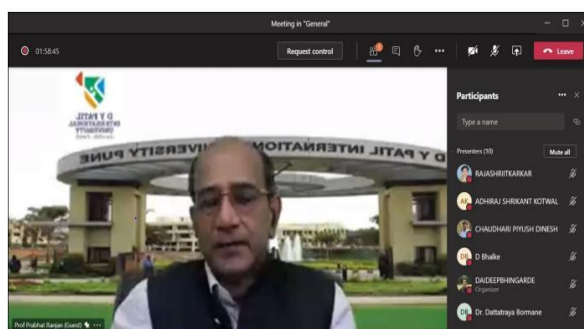
Reg. Link - <https://forms.gle/WFmrd5929m1A4F3D8>

Mrs. R.R. Itkarkar
Faculty
Co-ordinator

Dr. D.G. Bhalke
H.O.D. E&TC
Counsellor IEEE SB

Dr. D.S. Bormane
Principal
AISSMS COE, Pune

Webinar on “Create your Success Story with Growth Mindset”(Date:25/9/2020)



Webinar on “My Journey to Brain”(Date:31/10/2020)



Khandenavmi Pooja(Date:24/10/2020)



Teachers's Day Celebration (Date:5/9/2020)



EFY Skill Center Inauguration (Date: 29/10/2020)



EFY Skill Center Inauguration (29/10/2020)



Khandenavmi Pooja (Date:24/10/2020)

SUMMARY:

Sr.No.	Details	Total
1	Faculty Achievements	05
2	Seminar/workshop/webinar Organized by Department	42
3	FDP/STTP/Workshop Attended by Faculty	70
4	FDP/STTP/Workshop Organized	01
5	Conference/ Symposium Attended by Department Faculty	01
6	Online Courses / Certificate courses completed by department faculty	07
7	Faculty served as Resource Person/Expert/Chair Person	18
8	Extension Activities Conducted by Department	05
9	MoU signed with Academic and professional Organizations	01
10	Paper Published in Journal	10
11	Book/ Article Publications	01
12	Patents, Copyright, trademark and other (IPR)	01
13	Student Placement	7
14	Students undergone in-plant training and (or)internship	43
15	Student Achievements	02
16	Online courses completed by students	63
17	Social Activity organized	1
18	Department Achievements	2