



ANNUAL ACTIVITIES REPORT AY 2019-20



Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune

(An Autnomous Institute affiliated to Savitribai Phule Pune University)

MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN KARVENAGAR, PUNE 411052

ANNUAL ACTIVITY REPORT ACADEMIC YEAR: 2019-20

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ANNUAL ACTIVITY REPORT ACADEMIC YEAR: 2019-20

Vision:

To be globally renowned institute for imparting quality education and to develop women leaders in engineering and technology.

Mission:

To develop women professionals who are academically and technically competent with strong professional ethics.

Sr. No	Name	Affiliation
1	Mr. Promoad Gorhe Chairman, MKSSS	Chairman, MKSSS's Cummins College of Engineering for Women
2	Prof. N.D. Patil Vice Chairman, MKSSS	Member – Nominated by MKSSS
3	Mr. Rajendra Jog Trustee, MKSSS	Member – Nominated by MKSSS
4	Mr. Jayant Inamdar Management Committee Member, MKSSS	Member – Nominated by MKSSS
5	Mr. Vilas Potdar Management Committee Member, MKSSS	Member – Nominated by MKSSS
6	Dr. P.V.S. Shastry Secretary, MKSSS	Member – Nominated by MKSSS
7	Dr. Arpana Beniwal Vivekanand College New Delhi	University Grant Commission (UGC) Nominee

1] Members of Governing Body 2019-20

8	Dr. Abhay E. Wagh, Joint Director, DTE Pune Ex-Officio	State Government Nominee (Ex-Officio)
9	Dr. Vaishali Shinde Professor Dept. of Chemistry, SPPU	Savitribai Phule Pune University Nominee
10	Dr. Ravindra Ingle Dean Academics	Member
11	Dr. Sandeep Musale Associate Dean Administration	Member
12	Dr. Madhuri Khambete Principal, Cummins College	Member – Secretary MKSSS's Cummins College of Engineering for Women

2] Members of College Development Committee

SN	Name	Affiliation		
1	Mr. Promoad Gorhe	Chairperson of the Management MKSSS's Cummins College of Engineering for Women		
2	Prof. N.D. Patil			
3	Mr. Jayant Inamdar	Local Members Nominated by the Management in the field		
4	Mr. Rajendra Jog	of Education / Industry / Research / Social Service		
5	Mr. Vilas Potdar			
6	Dr. P.V.S. Shastry	Secretary of the Management (MKSSS)		
7	Dr. Supriya Kelkar	Representative elective among women		
8	Dr. Ajit Bhosale			
9	Dr. Vikram Athalye	Three Elected Teachers		
10	Dr. Atul Joshi			
11	Mr. Sangram Dalvi	Elected Nonteaching Employee		
12	Miss. Aishwarya Landekar	Cultural Secretary		
13	Miss. Sakshi Patil	Treasurer		
14	Dr. Madhuri Khambete	Principal of the College - Member Secretary		

3] Members of Academic Council 2019-2020

Sr No	Name	Affiliation
1	Dr. Madhuri Khambete Principal, MKSSS's Cummins College	Chairman
2	Dr. Aditya Abhyankar Dean, Faculty of Technology, Professor & Head of, Dept. of Technology Savitribai Phule Pune University.	
3	Dr. Dattatray Bormane Principal, AISSMS College of Engineering, Pune.	Savitribai Phule Pune University nominees
4	Dr. Kalyani Joshi Principal, Progressive Education Society's Modern College of Engineering, Pune.	
5	Dr. Shabbir Merchant Professor Emeritus, Dept. of Electrical Engg. Indian Institute of Technology, Bombay.	
6	Dr. Anuradda Ganesh Director, Research & Innovation Ex-Professor, IIT Bombay, Cummins Technologies India Ltd. Pune	Governing Body Nominees
7	Mr. Datta Kuvalekar Director- Technology & Engineering Forbes Marshall Ltd. Pune	
8	Dr. Sachin Lodha Principal Scientist, TCS (TRDDC),Hadapsar, Pune	
9	Dr. Prachi Mukherji	Chairman, BoS, Electronics & Telecommunications
10	Dr. Supriya Kelkar	Chairman, BoS, Computer Engineering
11	Dr. Anagha Panditrao	Chairman, BoS, Instrumentation & Control
12	Dr. Anagha Kulkarni	Chairman, BoS, Information Technology
13	Dr. Gautam Chandekar	Chairman, BoS, Mechanical Engineering
14	Dr. Madhuri Purandare	Chairman, BoS, Basic Sciences & Humanities
15	Prof. Amit Rajurkar	T&P Officer
16	Dr. Anand Bewoor Dean Academics	A faculty member nominated by the Principal (Member Secretary)
17	Dr. Ajit Bhosale	Dean Examination
18	Prof. A.N. Muchrikar	Dean Student Affairs
19	Dr. Sunita Jahirabadkar	Dean R&D
20	Dr. Vikram Athalye	Dean Quality Assurance
21	Dr. Anita Patil	Assistant Professor (E&TC)
22	Dr. Sandeep Musale	Associate Dean Administration

4] Members of Internal Quality Assurance Cell

SN	Post	Name	Designation	
1	Chairperson	Dr. Madhuri Khambete	Principal	
2	Administrative Officers	Ms. Revat Gore	Registrar	
2	Officers	Mr. Prashant Vaichal	Office Superintendent	
		Dr. Ravindra Ingle	Dean, Academics	
		Prof. A.N. Muchrikar	Dean, Student Affairs & Alumnae	
		Dr. Ajit Bhosale	Dean, Examination	
		Dr. Sunita Jahirabadkar	Dean, Research & Development	
3	Teachers	Dr. Prachi Mukherji	HoD, E&TC	
5	reachers	Dr. Supriya Kelkar	HoD, Computer Engg.	
		Dr. Anagha Panditrao	HoD, Instru. & Control	
		Dr. Anagha Kulkarni	HoD, Info. Tech.	
		Dr. Madhuri Purandare	HoD, Basic Sciences & Humanities	
	Member from Management	Mr. Promoad Gorhe	Chairman, Management Committee of MKSSS	
4		Mr. Rajendra Jog	Member, Management Committee of MKSSS	
		Dr. P.V.S. Shastry	Secretary, Management Committee of MKSSS	
	Nominee from	Miss. Urja Deshpande	Operations Secretary	
	Student	Miss. Aishwarya Landekar	Cultural Secretary	
	Nominee from	Mrs. Preeti Nagarkar	Axonet-emsys	
	Alumnae	Mrs. Sudhakshina Girish	Wiksate	
5	Nominees from Employers / Industrialists	Mr. C'. Shekhar Dhamankar	Forbes Marshall	
	Stake Holder & Community Representative	Dr. Uday Khedkar	Professor, IIT Bombay	
6	Coordinator	Dr. Vikram Athalye	Dean, Quality Assurance	

5] Academics (Programmes and intake) and Enrolment of First Year Students -

The college offers five undergraduate programmes (B.Tech.) in Electronics & telecommunication, Computer engineering, Instrumentation & control engineering, Information technology and Mechanical engineering with total intake of 540 students along with three post-graduate courses (M.Tech.) in E&TC - Artificial Intelligence, Instru – Automation and Mechanical Engineering Design with total intake of 66 students. In A.Y. 2019-20 total students admitted for B.Tech. Courses and for M.Tech. Courses as given in below table.

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B Tech. Electronics			
and	EC	180	
Telecommunication			203
B. Tech Computer	CE	180	
Engineering	CE	180	215
B. Tech			
Instrumentation and	IN	60	
Control Engineering			55
B. Tech Information	IT	60	
Technology	11	00	70
B. Tech.			
Mechanical	ME	60	
Engineering			69
M. Tech. E&TC -			
Artificial	ECAI	18	
Intelligence			2
M. Tech. Instru -		10	
Automation	INA	18	1
M. Tash Mash			
M. Tech. Mech -	MED	20	
Mechanical	MED	30	
Engineering Design			16
		606	631

6] Summary of Graduating Students with percentage students passing

Following is the summary of students graduating from all departments with passing CGPA details.

	No. of students appeared	% of student s in CGPA 5-6 band	% of student s in CGPA 6-7 band	% of students in CGPA 7-8 band	% of students in CGPA 8-96 band	% of student s with CGPA above9	% of ATK T	% of FAI L
Final Year BTECH MECH	74	0.00	18.92	45.95	33.78	1.35	0.00	0.00
Final Year BTECH INSTR U	83	0.00	21.69	56.63	21.69	0.00	0.00	0.00
Final Year BTECH IT	77	0.00	6.49	45.45	38.96	9.09	0.00	0.00
Final Year BTECH COMP	237	0.00	15.61	41.77	40.08	2.53	0.00	0.00
Final Year BTECH E&TC	233	0.00	15.02	49.36	32.62	3.00	0.00	0.00

7] Student Achievements

→ 'Cummins Meritorious student award'

Program toppers i.e. UG students with the highest CGPA in each program received 'Cummins Meritorious student award'. The award is in the form of Rs.10, 000/- cash.

Recipients of 'Cummins Meritorious student award'. For the 2019-20 are

- 1. Sonali Jeswani (E&T/C)
- 2. Nagdev Nicky (COMP)
- 3. Harshita B. (Instru)
- 4. Jalan Sristi (IT)
- 5. Sneha Patil (Mech).

→ Cummins - Excellence Award for Best Outgoing Student

Final year outgoing students from each department is selected for this Award. Academic performance, achievements in co-curricular / extracurricular activities, peer group feedback & teachers' feedback are the Criteria for the Best Outgoing. The award is in the form of Rs.10, 000/- cash.

Recipients of 'Cummins excellence award'. For the 2019-20 are

- 1. Pooja Joshi (E & T/C)
- 2. Vedika Ghei (Comp)
- 3. Aarya Dethe (Instru)
- 4. Shivani Kamtikar (I.T.)
- 5. Suhasini Rane (Mech)

8] Student Co-curricular and Extra Curricular Activities

College encourages students to participate in various state, national and international level competitions, workshops, conferences. Our students show remarkable performance in these co-curricular events. To mention important achievements in various co-curricular activities this year are as follows

Sr. No	Year	Name of the Student	Competitio n Title	Level	Date	Organizer
1	Esha Menta	Aero Design Challenge 2019	National	19-21 July 2019	SRMIOT Chennai	Winner(2n d)
2	Aakanksha Khare	IBM Hackathon Competition	National	29 June 2019	IBM	Winner (1st)
3	Samruddhi Jadhav	BAJA 2020	Internation al	16 June 2020	SAE International, USA	All India Rank 25, Skill Award
4	Shrutika Pujari	BAJA 2020	Internation al	16 June 2020	SAE International, USA	All India Rank 25, Skill Award
5	Mayuri Ratnaparkhi	BAJA 2020	Internation al	16 June 2020	SAE International, USA	All India Rank 25, Skill Award
6	Swamini Khedkar	Virtual BAJA 2019	National	12-13 July 2019	SAE India	Overall Rank 30, 1st Team position in Cost Award
7	Disha Sabade	Virtual BAJA 2019	National	12-13 July 2019	SAE India	Overall Rank 30, 1st Team position in Cost Award
8	Mayuri Ratnaparkhi	Virtual BAJA 2019	National	12-13 July 2019	SAE India	Overall Rank 30, 1st Team position in Cost Award
9	Sharvari Buttepatil	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award

10	Swamini Khedkar	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award
11	Shrutika Pujari	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award
12	Disha Sabade	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award
13	Puja Kamble	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award
14	Samruddhi Jadhav	BAJA 2020	National	22-26 Jan 2020	SAE India	All India Rank 25, Skill Award
15	Apurva Patil	5th SAEINDIA Southern section Aero design Challenge	National	01 Marc h 2020	Bannari Amman Institute of Technology, Satyamangalam	Winner (2nd)-Best Technical Presentatio n)
16	Apurva Patil	5th SAEINDIA Southern section Aero design Challenge	National	01 Marc h 2020	Bannari Amman Institute of Technology, Satyamangalam	Winner (3rd- Regular Class)
17	Aarya Dethe	Wabtec EXCEED 2020 Campus Challenge	National	23-24 Janua ry 2020	Wabtec Corporation (previously GE Transportation) at JFWTC Bangalore	Winner (1st)
18	Shruti Dharmadhi kari	Wabtec EXCEED 2020 Campus Challenge	National	23-24 Janua ry 2020	Wabtec Corporation (previously GE Transportation) at JFWTC Bangalore	Winner (1st)
19	Harshada Paralkar	Wabtec EXCEED 2020 Campus Challenge	National	23-24 Janua ry 2020	Wabtec Corporation (previously GE Transportation) at JFWTC Bangalore	Winner (1st)

20	Shalmali Kadu	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner (1st)
21	Saniya Mandavkar	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner (1st)
22	Medha Moorching	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner (1st)
23	Sayali Padmawar	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner (1st)
24	Sakshi Pophale	Smart India Hackathon (Project competition)	National	2019	We School Institute Mumbai.	Inspiration Award
25	Neha Choudhary	NEC Laboratories Project Competition	State	22 Marc h 2020	NEC Laboratories,Mu mbai India	winner (2nd)
26	Kanchan Sarolkar	NEC Laboratories Project Competition	State	22 Marc h 2020	NEC Laboratories,Mu mbai India	winner (2nd)
27	Kimaya Badhe	NEC Laboratories Project Competition	State	22 Marc h 2020	NEC Laboratories,Mu mbai India	winner (2nd)
28	Aishwarya Narahari Kashid	Peace Ambassador 2019	Internation al	2019	Lila Poonawala Foundation, The ASHA Centre	Peace Ambassado r
29	Shivani Ladkat	Peace Ambassador 2019	Internation al	2019	Lila Poonawala Foundation, The ASHA Centre	Peace Ambassado r
30	Shivani Mithapelli	NES Innovation Awards (Project 31Competiti on)	National	2020	Natarajan Education Society	Winner(Mo st Commenda ble Project))

31	Shavani Bollabattin	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner(Mo st Commenda ble Project)
32	Rucha Patel	NES Innovation Awards (Project Competitio)	National	2020	Natarajan Education Society	Winner(Mo st Commenda ble Project)

Students Publications in Conferences/Journals:

Students are always encouraged to publish their work which they do in their projects. Following is a list of prominent research papers published by our students in various conferences/ Journals.

List of publications:

Sr. No.	Name of the Student	Paper Title	Name of the Conference/Journal	Date of Event	Name of organizer/ Publisher
1	Pooja Ghaywate / Falguni Vyas/ Sneha Telang	A Deep Learning Approach for Motion Segmentation Using An Optical Flow Technique	10th International Conference on Computing and Networking Technology (10th ICCCNT 2019)	6-8th July 2019	IIT, Kanpur,IEEE
2	Tripti Chanda/ Aishwary a Bapat/ Apurva Amritkar/ Heeral Kabra	Acoustic Release using fusible link	International Journal of Scientific & Engineering Research,Vol. 11 Issue 8	Aug.2020	IJSER Journal
3	Shipra Mittal/ Komal Shinde/ Pranjali Pawar	Comparison Between LSTM and RNN Algorithm for Speech-to- Speech Translator	International Conference on Communications, circuits and Systems	2021	Springer

4	Chinmaye e Dhole/ Harshada Hajare/ Mrunal Zambare	Stress Detection From Speech Signal Using MFCC, SVM and Machine Learning Techniques	International Journal of Latest Trends in Engineering and Technology, Vol. 17 Issue 3	2020	IJLTET
5	Shivani Pharande/ Gargi Deshpand e/ Anusha Kitture	Space Objet Classification Techniques: A Survey	International conference on computational performance evaluation	2- 4 July 2020	IEEE
6	Jagruti Deshpand e/ Deepashri Kadus/ Seema Pawar/ Kritika Padeer	Device Model Recommendati on System Using Machine Learning	International Journal of Future Generation Communication and Networking, Vol. 13 , No.3 (Device Model Recommendation System using Machine learning)	May 2020	IJFGCM, Sinhagad Institute of Technology and science
7	Rutuja Gawali	Waste Heat Recovery by using Ejector Technology	International Research Journal of Engineering and Technology, Vol.7,Issue 6	June2020	IRJET
8	Rutuja Gawali	Cereal Vending Machine	International Journal for Science and Advance Research in Technology, Vol.5,Issue10	October 2019	IJSART
9	Pratim Bhosale/ Shivani Methapall i/ Shivani Bolbattin/ Rucha Patel	IoT based system for detection of sewage blockage	IT in Industry Vol 9 15 March No 1 2021		IT in Industry

10	Priya Jadhav/ Pranjali Jadhav/ Kajal Papat/ Sarita Mhantati	Architecture of E-Procurement System for Police Department	2020 International Conference on Information and Communication Technology Convergence (ICTC) South Korea	21-23 October 2020	IEEE
11	Tejaswini Dhengade / Vaidehi Deoskar/ Pooja Kulkarni/ Mrugali Bhat	Workload Assessment based on Physiological Parameters	3rd International Conference on Computational Intelligence and Informatics	March 2020	Springer Book Chapter in Advances in Intelligent Systems and Computing
12	Jinu James/ Shrinidhi Kulkarni/ Neenu George/ Sneha Paslewar/ Mrugali Bhat	Detection of Parkinson's Disease through Speech Signatures	3rd International Conference on Computational Intelligence and Informatics	March 2020	Springer Book Chapter in Advances in Intelligent Systems and Computing
13	Rashmi Yeole/ Gayatri Yadav/ Jeshtha Shirolkar	Auto Food Coupon Machine	International Research Journal of Engineering and Technology, vol 7 . Issue 5	May 2020	IRJET

Professional Society Activities: Student Chapter

1. IEEE (Institute of Electrical and Electronics Engineers) Students' Branch:

Various technical and non-technical activities are conducted under the IEEE student branch. The activities include workshops, industrial visits, guest lectures, webinars, panel discussion, competitions etc. Through these activities, students get exposure to recent trends in the technological field as well as they get the opportunity to work for the society which helps in overall development of the students.

	Activity	
1	Guest Lectures/	Session on 'Virtual Reality & Augmented Reality'
	Webinars	
		'Interview Techniques and Hardware Analog Devices'
2	Workshops	One day Workshop on 'Android OS and application'
		AI using Matlab
3	Course	Course on Leadership 'Being a Leader and the
		Effective Exercise of Leadership: An Ontological /
		Phenomenological Model'

2. ASME (American Society of Mechanical Engineers) Cummins Student Section:

The section includes student members from core engineering branches of Mechanical, Electronics and Telecommunication, and Instrumentation. A number of events and activities including guest lectures, workshops, and competitions, industrial visits that help students in their professional development and update them with the current trends in technology are organized by the section. It is unique and one of the broadest knowledge-sharing platforms for students of Mechanical and non-Mechanical Engineering.

Sr. No.	Activity
1	Technical Fest ASME EFx 2019
2	Guest Lecture by Imperial Overseas
3	Industrial Visit Fabtech Projects and Engineers Ltd., Vasuli Unit
4	Internship Talk
5	Guest Lecture: Advanced Battery – Cell chemistry to technology for EV
6	Guest Lecture: AI and Robotics in Military
7	Industrial Visit Cummins India Ltd., Phaltan

3. CSI Student's Chapter:

CSI is an active national organization which stands on the strength of technically sound professionals and students. CSI offers seminars, workshops and technical events on ongoing trends. On this wonderful platform students organize and display the organizational skills and interact with technocrats in a way giving them a versatile exposure.

• Organized a Workshop on "Website Designing" in Association of ACMW

4. SWE (Society of Women Engineers) CCEW Affiliate:

SWE CCEW aims at the overall development of a student by organizing events for mentorship, networking, finance, self-learning, and many more. SWE conducts outreach events to promote STEM education in young passionate minds.

Sr. No.	Activity
1	Talk on 'Reversal of Brain Ageing'
2	Solution Room
3	Promoting STEM Education at the Maher Aashram.
4	Contraption - Competition on building energy conversion models
5	IDEA foundation Visit

5. ISA (International Society of Automation) Student Chapter:

ISA is the professional home for engineers, technicians, leaders and students engaged in industrial automation.

Sr. No.	Activity
1	Hands-on PLC Workshop
2	Poster Presentation
3	One week Hands-on Arduino Workshop

6. ACM-W Student chapter, CCEW

ACM-W aims to support, celebrate and advocate internationally for the full engagement of women in all aspects of the computing field. The focus of ACM-W is to inspire, motivate and encourage women to join the field of computing and eventually sustain and grow in the profession. Through its various activities, the organization facilitates the progress of women in computing-related work and education. The activities conducted this year are as follows

Sr. No.	Professional societies/ chapters and organizing engineering events	Date	Resource Person / Organization/Participation	Participation
1	Coding Contest "Code It"	5th October 2019	ACM-W CCEW Chapter	All Engg students from different colleges

Students Clubs:

Entrepreneurship cell:

- □ To promote entrepreneurship and self-reliance among our students, we have developed a conducive environment with various initiatives related to entrepreneurship
- □ Following events were organized this year
 - 1. CAMPUSPRENEUR:

The event was conducted on 15th OCTOBER, 2019. In this online competition we gave the student a chance to find an innovative solution to all the problems they find in the college campus.

2. NEN WORKSHOP:

The workshop was organized on 20th DECEMBER, 2019 for E cell members from various colleges all over Pune by the Wadhwani Foundations. This workshop focused on empowering students with knowledge and skills through Courses and Startup Labs to create high-potential startups. Our guest Mr. Ankit Machhar enlightened all the students regarding entrepreneurship and its basics.

3. BUSINESS IDEA COMPETITION

The competition was held on 14th FEBRUARY, 2020. The theme for the Competitions were 1. Product/services to make Pune smart City, 2. Agriculture technology, 3. Clean tech.

The final round of the shortlisted 10 ideas was held on 17th September 2019. Mr. Raghvendra Ponkshe (Managing partner Bhate and Ponkshe IPR firm), Mr. Shrirang Karandikar (Founder AlgoAsylum) and Mr. Gajanan Khot (Director-Aqua Chill) were the invited judges for the final round. Cash prices worth Rs. 10000 total, was given to the winners.

4. Invited Talk by Mr. Shantanu Naidu on 2nd March, 2020 on his journey as an entrepreneur.

Details of sports and cultural events / competitions organised by the institution and participated:

Sports Activities:

Our college students participate in different inter college events and also represent our university zonal inter-university sport events.

This year our students participated in an intercollege sport competition organized by SPPU in different events as mentioned below.

PARTICIPATION AND ACHIEVEMENTS in Intercollegiate Competition (SPPU)

- Rope Mallakhamb (SPPU Intercollegiate) First, Second and Fifth Place
- Badminton (SPPU Intercollegiate) Winner
- Chess (SPPU Intercollegiate) Winner
- Basketball (SPPU Intercollegiate) -Runner up
- Football (SPPU Intercollegiate) Third Place
- Cricket (SPPU Intercollegiate) Fourth Place
 - □ Based on the performance of our students in inter college sport events, they were selected to represent Pune university in different sport events as follows

Sr. No.	Name of the student	Sport
1	Riya Jail	Badminton
2	Nimita Joshi	Chess
3	Shubhra Jain	Football
4	Vaishnavi Khare	Rope Mallakhamb
5	Sharvari Kandarkar	Rope Mallakhamb
6	Ruchita Herlekar	Rope Mallakhamb

Players Selected for SPPU Interzonal Competitions 2019-20:

- Badminton Riya Jail won the Gold medal in West Zone Inter University, won the Silver medal in All India Nationals and Participation in Khelo India Youth game.
- Chess Nimita Joshi won the Gold medal in West Zone Inter University and Participation in All India Nationals.
- Football Shubhra Jain won the Bronze medal in West Zone Inter University and Participation in All India Nationals.
- Rope Mallakhamb Vaishnavi Khare , Sharvari Kandarkar, Ruchita Herlekar won the Silver medal in All India Inter University (Nationals)

□ Remarkable achievements of our students

Sr N o.	Name of the Student	Competiti on Title	Name of the Sport	Level	Date	Organiz er	Winner
1	Pradnya Mundargi	MIT WPU Summit 2019	Basketba ll	National	14-18 Sept.20 19	MIT- WPU,Pu ne	Winner (First)
2	Pradnya Mundargi	MIT WPU Summit 2019	Basketba ll	National	14-18 Sept.20 19	MIT- WPU,Pu ne	Winner (Best Scorer)
3	Pradnya Mundargi	SPPU,Inte r college Basketball Tourname nt	Basketba ll (Women)	Intercoll ege	2019- 20	Pune City Zonal Sports Committ ee, SPPU	Winner (second)
4	Vaishnavi Khare	Pune city zonal	Rop Mallakha mb	Zonal Level	2019- 20	PVPC, prawara nagar	winner (INR 7000)
5	Purva Bhoir	Pune City Zonal Sports	BasketBa 11- W	Intercoll ege	2019- 20	Savitriba i Phule Universi ty, Pune	Winner (Second)
6	Purva Bhoir	SUMMIT' 2019	BasketBa ll- W	National	14-18 Sept 2019	MIT, Pune	Winner (First)
7	Purva Bhoir	PACE'20	BasketBa ll- W	Intercoll ege	Feb202 0	AIT, Pune	Winner (First)
8	Purva Bhoir	Pune City Zonal Sports	BasketBa ll- W	Intercoll ege	2019- 20	Savitriba i Phule Universi ty, Pune	Winner (Second)
9	Riya Jail	Badminto n (Women) Tourname nt	Badmint on	Interzon al	19-20	PDMBA , Pune	Winner (First)
10	Riya Jail	All India Inter university Champion ship	Badmint on	All India Inter Universit y	2019- 20	Nagpur	Winner (First)
11	Sharvari Kandarkar	All India Inter university Mallakha	Mallakha mb (W)	All India Inter Universit y	14-15 March 2020	Amritsar	Winner (Second)

		mb (W)					
		Tourname					
12		nt					
12		Rope					
	D 1.4	Mallakha	Rope	T .	2010		XX 7*
	Ruchita	mb	Mallakha	Interzon	2019-	SPPU	Winner
	Herlekar	(Women)	mb (W)	al	20		(Second)
		Tourname					
		nt					
13		All India					
		Inter		All India			
	Ruchita	university	Mallakha	Inter	14-15		Winner
	Herlekar	Mallakha	mb (W)	Universit	March	Amritsar	(Second)
	Пенека	mb (W)	$\operatorname{IIIO}(\mathbf{W})$		2020		(Second)
		Tourname		У			
		nt					
14						Army	
						Institute	
					15-22	of	
	Krushna	Pace 20		Intercoll	Feb	Technol	Winner
	Balsaraf	Cricket	Cricket	ege	2022	ogy	(First)
15						Pune	
						city	
		Woman				zonal	
	Rahee	Chess				sports	
	Raghuwan	Tourname		Intercoll	2019-	committ	Winner
	shi	nt	Chess	ege	20	ee	(First)
16		Basketball					
	Papiya	Tourname			14-18		
	Bhattachar	nt-Summit	Basketba		Sept	MIT	Winner
	ya	2019	11	National	2019	Pune	(First)

□ Cultural activities:

Our students participate in various prestigious cultural competitions organized at state and intercollege level at individual level as well as in team events.

Sr. No.	Yea r	Name of the Student	Com petiti on Title	Level	Dat e	Organizer	Participation/ Winner
1	2019 -20	Pooja Sheshrao Dhakane	Art Cont est	Interco llege	18 May 202 0	PCCOE & R, Pimpri	Participation
2	2019 -20	Payal Mehta	Art Com petiti on	Interco llege	July 202 0	quarantine_cont est2k20 in Instagram	Participation

3	2019 -20	Payal Mehta	Mand ala Art Cont est	Interco llege	June 202 0	Mandala Art contest	Participation
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Date	Competitio n /Event Details	Name of Event	Description	Student Incharge/participants
Workshop/E	xhibition Org	anized:		
July 2019	Workshop Intercollege	Workshop on Acting	An acting workshop conducted college alumni Ms. Shruti Barve	Members of Kalawant
August 2019	Workshop Intercollege	Workshop on Direction	Conducted by industrial expert and college alumni Ms. ApoorvaBardapurkar	Members of Kalawant
18/10/2019,		Kalawant Art		Tejashree Date,
19/10/2019		Exhibition		Vaibhavi Bhise
Participation	n In Cultural e	event:		·
17/8/2019	Marathi Drama Competition	Purushottam Karandak 2019	Name of the play: Gridlock	 Vaishnavi Kulkarni Rucha Mundhe Mrunal Jagdale Amruta Vaghela Soha Kshirsagar Shivani Sukale Mugdha Patil Shambhavi Joshi Mrunal Dingre Shraddha Manore Gargi Sambhare Shraddha Takale Riya Kulkarni Shravani Shilimkar Aishwarya Jagtap Sayali Kulkarni Rucha Harshe Akshata Jedhe Siddhi Dhamale
18/10/2019, 19/10/2019		Kalawant Art Exhibition		21 Gargi Mane Tejashree Date, Vaibhavi Bhise

9] NSS Activities:

The NSS unit of our college conducted various activities for our students, staff and society. Staff and students participated in these activities enthusiastically. List of the activities conducted this year are summarized below.

Sr.	Name of the	Short report	Date
No.	activity		
1		Spread awareness among students about	
		road safety and information about safe	
	Road Safety	driving on the road for different	
	awareness	vehicles.	22 nd Aug 2019
2		Fund raising drives was organized to	
		provide basic necessities to the people	
	Fund Raising	who have had to suffer immensely due	, the set of the set o
	for Sangli and	to floods in Kolhapur and Sangli	11^{th} Aug to 14^{th}
	Kolhapur	districts of Maharashtra	Aug 2019
3	G 11	Awareness were created regrading	
	Swachhata	collection of plastic and importance of	
	Abhiyan	its disposal and give away the single	1 cth g (2010
4	Activity	used plastic to save our environment.	16 th Sept 2019
4	Tree Dlastet	Conducted tree plantation camp in	20 th Sert 2010
5	Tree Plantation	college campus	20 th Sept 2019
5		NSS volunteers and 15 faculties	
	Traffic	arranged an activity along with the	
	Awareness and	traffic police on "Traffic Awareness and Road Safety measures" at	
	Road Safety	and Road Safety measures" at Karvenagar Chowk.	
	measures	Karvenagar enowk.	1 st Oct 2019
6	medsures	Hon'ble Prime Minister of India has	1 000 2017
0		launched the Fit India Movement on 29	
		Aug 2019 with a view to make Physical	
		Fitness a way of life. Our volunteers	
		climbed up the Taljai hill with a height	
		of 2000ft and gave the message of	
	Fit India	being fit for the people on their way.	1 st Oct 2019
7		Organized this activity in collaboration	
		with "NGO We Punekar" and cleaned	
	River cleaning	the river Mula-Mutha near the Rajaram	
	drive	bridge near our college.	2 nd Oct 2019
8		Blood Donation Camp was organized	
		by NSS Cummins, on 10 th Oct	
		conducted with the support of	
	Blood Donation	Jankalyan Raktapedhi. Total 42 blood	th
	Camp 1	bags were collected.	10 th Oct 2019
9	Winter Camp at		_th_
	Khadakwadi		7 th Jan. 2020 to
			13 th Jan 2020

10		Organized Thyroid Screening Camp in	
		association with Thyrocare, Pune in	
		college to create awareness about	
	Thyroid	thyroid with the help of campaign	
	Checkup Camp	"Make India Thyroid Aware."	22 nd Jan 2020
11		Blood Donation Camp was organized	
		by NSS Cummins, on 10 th Oct	
		conducted with the support of	
	Blood Donation	Jankalyan Raktapedhi. Total 36 blood	
	Camp 2	bags were collected.	28 th Jan 2020
12		Eye check-up camp was arranged for	
		the staff and students of the College.	
		The team from Lawrence & Mayo was	
		invited to carry out this check-up. More	
		than 250 members of Cummins college	
		have taken advantage of Eye check-up	
	Eye Check Up	activity.	
	Camp		27 th Feb 2020
13		Blood Donation Camp was organized	
		by NSS Cummins, on 10 th Oct	
		conducted with the support of	
	Blood Donation	Jankalyan Raktapedhi. Total 38 blood	3 rd and 4 th Mar
	Camp 3	bags were collected.	2020
14	Sinhgad	It was a cleanliness program drive to	
	swachata	clean the fort from Pune Darwaja to	
	abhiyan	Kalyan Darwaja by our volunteers.	23 rd Feb 2020

10] Training and Placement:

- The training and placement cell of our college plays an integral role in creating the illustrious placement record for the college.
- The cell not only ensures smooth functioning of the placement activities in the campus and virtually but also conducts training activities of the students in pursuing their career interests and also grooms and shapes the students to make them industry ready with necessary skills and training so that they get placements and internships in the best of the companies.
- The cell has very active collaborations with industry. More than 150 reputed National and Multinational companies do visit our institution for campus recruitments annually.
- These companies include IT companies such as Microsoft, Amazon, Cisco, Veritas, Persistent, Walmart, Western Digital, Fincorp companies such as Goldman Sachs, Deutsche bank, Well Fargo, Bank of America, RBL, service based companies such as Accenture, Infosys, TCS, Cognizant, Capgemini, Wipro, L & T info Tech, DXC Technology, Automobile companies such as Tata motors, Hero MotoCorp, Caterpillar, JCB, Michelin, Mahindra & Mahindra, Faurecia, manufacturing industries like Alstom, Honeywell, Emerson, Forbes Marshall, Thermax, Eaton, Tetra pack, Boeing, Exxon Mobile, Shell.
- This year around 51 companies visited campus for Comp and IT program and offered average package of 5-11 lakhs, 36 companies for E&TC program and offered average package of 6 lakhs, 19 companies for Mech program and offered average package of 7 lakhs and 16 companies for Instru program and offered average package of 5 lakhs.

This year 70.27% students from E&T/C, 84.05% students from Comp., 63.86% students from Instru, 82.67% students from IT, and 79.17% students from Mech were placed in their dream companies with overall placement of 76.46% students of the college.

Branch	Enrolled	Placed	Percentage
E & T/C	222	156	70.27
COMP	232	195	84.05
Instrumentation	83	53	63.86
Information Tech.	75	62	82.67
Mechanical	72	57	79.17
Total	684	523	76.46

Branch	No of Students Placed	No of Students Placed (%)	Max. Package in Lakhs	Min. Package in Lakhs	Average Package in Lakhs	No. of Compan y Visited
ENTC	160	70.72	17.5	3	5.79	36
Comp	196	83.26	22	3	9.36	51
Instru	53	63.85	9	1.44	4.9	16
IT	63	82.66	29	3.6	10.4	51
Mech	57	70.83	10	4	6.39	19

11] Industry Interaction (MOU):

Our college has signed a MoU with the following mentioned industries and universities.

Sr.	MoU sign with	Date of MoU	Purpose
No.	University/Industry		
1	Tridiagonal Solutions Pvt.	20-05-2019 to 19-05-2024	Projects, Internships,
	Ltd.		consultancy
2	Emerson	27-02-2019	Student projects
3	Devise Electronics Pvt.	15-03-2019	Consultancy Projects
	Ltd.		
4	IFM Engineering Pvt. Ltd.	18-06-2019	Internships
5	Centre for Police	23-05-2019	Collaborative research
	Research, Pune		projects
6	IBM India Pvt. Ltd.	2-08-2019	Industry Engagements
7	The Associated Chambers	1-10-2019	IPR Awareness
	of Commerce and Industry		
	of India, ASSOCHAM		
8	Savitribai Phule Pune	29-11-2019	Promoting research in
	university & College of		electric mobility domain
	Engineering Pune &		
	Cummins College of		
	Engineering & Automotive		
	Research Association of		
	India.		

12] Alumnae Association:

- The "Cummins College Alumni Association, Pune" is officially registered in October 2019. There are fifteen life members in the Managing Committee of the association. These members are supported by the alumni coordinators of the respective departments for the smooth and successful functioning of the association.
- Total Members: 15
- Alumni Association has a dedicated portal that was launched with a link https://alumni.cumminscollege.org/. The Alumni portal is used extensively to post the achievements, information about notable alumni, events conducted, job opportunities in organizations of alumni, etc. As a part of celebration of Teachers day, Women's Day, etc. campaigns are launched through a portal where alumni express their feelings and experiences.
- Logo and tagline: They were finalized. A Logo and tagline competition was announced for the college students and the winners were awarded with a certificate and prize money
- Alumni Meet:
 - Alumni meet, Bangalore: Alumni meets are organized every year in college premises. First ever alumni meet outside Pune was organized in 2019 at Bangalore. 119 alumni attended the meet
 - **MahaMelav**a, Alumni meet of all the alumni of MKSSS was also organized in 2019. 165 alumni attended the mahamelava
- **Donation towards MKSSS:** Alumni generously donated to the parent institute in the form of Bhaubij Nidhi, School Kit, Grains, etc. The total donation Rs. 2,65,213/- (Bhaubij Donation : 2,50 213 Rs. Other Donations like school kit, sankalp 365, grains, etc: 15,000 Rs.) in 2019 and Rs. 22,000 \- (Bhaubij donation : 22,000 Rs.)
- Alumni Connect: The alumni connect is established through various social media platforms like Linkedin, Facebook and WhatsApp. Alumni visited college to be a part of multiple events.

13] Library:

College library is well furnished with large no. of titles related to engineering courses, basic sciences and also titles for preparation of GRE, Tofil, MBA and many other competitive examinations. Ever year new titles are added as per the demand by faculty and students.

The library has organized various activities for staff and students this year which are as follows—

Sr. No.	Activities	Participants
1	15th October 2019 - Dr. A.P.J. Kalam's Birth Anniversary -	23
	Vachan Prerana Diwas- Book Spine Words Poem Competition	
2	9th January 2020- Interaction with Mr. Amrut Deshmukh-	46
	(Booklet Guy at	
	Mission Make India Read)	
3	1st January to 15th January 2020 - Marathi Bhashasanvardhan	
	Pandharwada	
	3.1 10th January 2020 - Marathi Words Quiz	15
	3.2 13th January 2020 - Terribly Tiny Tales	5
	3.3 14th January 2020 - Marathi Book Exhibition	62
	3.4 15th January 2020 - Marathi Author and Book Quiz	6
4	21st February 2020 - Matribhasha Diwas- Marathi Book	52
	Exhibition	
5	27th February 2020 Marathi Bhasha Din - Marathi Poem	13
	Competition	

14] Professional Development Activities for staff

□ FDP attended by Faculty:

Name of teacher who attended the program	Title of the program	Duration (from) (DD- MM-YYYY)	Duration (to) (DD-MM- YYYY)
Jyoti G. Prasad	FDP on Use of Moodle as LMS.	26 th June 2020	3 rd July, 2020
Jyoti G. Prasad Course on Vector Calculus for Engineers authorized by The Hong Kong University of Science and Technology and offered through Coursera.		13 th June 2020	
Jyoti G. Prasad	FDP on "Art of Research Paper Writing And IPR".	25th May 2020-	27th May 2020
Jyoti G. Prasad	FDP on "MOODLE LEARNING MANAGEMENT SYSTEM"	26th May	-30th May 2020
Jyoti G. Prasad	STTP on "Writing and publishing high impact research publications and scientific documents.".	21th Sept, 2020-	26thSept, 2020.
Sangita Gambhir	STTP on teaching and Learning Pedagogy	18-05-2020-	22-05-2020
Sangita Gambhir	Promoting Quality culture in technical institutions	25th May 2020-	29th May 2020
Sangita Gambhir	Online Teaching Tools, Techniques and Methodologies for OBE	01-06-2020	-5th June, 2020
Sangita Gambhir	FDP on Use of Moodle as LMS	26th June-2020	3rd July 2020
Sangita Gambhir	FDP on "Art of Research Paper writing and IPR"	25-05-2020	to 27 May 2020
Sangita Gambhir	FDP on " Graph Theory- A Research View"	26th May 2020	
Sangita Gambhir	STTP under TEQIP-III on "Linear Algebra and Statistics for Engineers and Scientist"	02-09-20	06-09-20

Sangita Gambhir	Two week FDP on " Effective Use of ICT tools in Online teaching"	22-06-2020	to 04-07-2020
Namrata Karandikar	FDP on Modern Educational Tools and Pedagogical Practices for Online Teaching	21 June 2020	to 25 June 2020
Namrata Karandikar	FDP on Data Science	02-12-2019	to 07-12-2019
Namrata Karandikar	FDP on Use of Moodle as LMS	26-06-2020	to 3rd July 2020
Namrata Karandikar	STTP on LATEX for Everyone	18-06-2020	to 20-06-2020
Namrata Karandikar	E-content"	25-Jun-20	
Tilottama Barhate	FDP on "Use of Moodle as LMS"	26th June 2020	to 3rd July 2020
Tilottama Barhate	FDP on "Moodle Learning Management System"	26-05-2021	to 30-05-2020
Tilottama Barhate	FDP on "Art of Research Paper writing and IPR"	25-05-2020	to 27-05-2020
Tilottama Barhate	FDP on "Fuzzy Logic and Neural networks"	24-02-2020	to 26-04-2020
Tilottama Barhate	FDP on " Effective Use of ICT tools in Online teaching"	22 June 2020	to 04-07-2020
Mrunal Moharir	Algorithms and Techniques for Signal Processing	14-07-2020	to 18-07-2020
Mrunal Moharir	Promoting Quality Culture in Technical Institutions	25-05-2020	to 29-05-2020
Mrunal Moharir	Use of Moodle as LMS	26-06-2020	to 03-07-2020
Mrunal Moharir	one day workshop on Arduino	08-02-2020	
Milly Thomas	FDP on Use of Moodle as LMS	26th June2020	to 3rd July 2020
Milly Thomas	Artificial Intelligence & Machine Learning using Python	13-07-2020	to 24-07-2020

Mrs.Aparna Pai	Geosciences in engineering 2020	9th june 2020	to 13th june 2020
Mrs.Aparna Pai	Infrastructure development: Possibilities and challenges	25th May 2020	to 29th may 2020
Mrs.Aparna Pai	Advances in civil and structural engineering	15th June2020	to 19th June2020
Mrs.Aparna Pai	Advances in technology and Management for Civil Engineering	23rd june 2020	to 3rd july 2020
Dr.Malini Bapat	Effective and efficient online teaching in the age of Corona	17-05-2020	to 23-05-2020
Dr.Malini Bapat	"Managing Online Classes and Co-Creating MOOCS:2.0"	18-05-2020	to 03June 2020
Dr.Malini Bapat	Use of Moodle as LMS	26th June 2020	3rd July 2020
Dr.Malini Bapat	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	21 June 2020.	
Vishal deore	MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0	18-05-2020	to 03June 2020
Vishal deore	Open Source Tools for Research	08-06-2020	to 14-06-2020
Vishal deore	Entrepreneurship, Incubation and Innovation	23-06-2020	to 28-06-2020
Deepali Kumawat	Open Source Tools for Research	01-06-2020	to June 14, 2020.
Deepali Kumawat	Entrepreneurship, Incubation and Innovation"	23 June 2020	to June 29, 2020
Deepali Kumawat	Use of Moodle as LMS	01-06-2020	July 3 2020
Deepali Kumawat	Geosciences in Engineering 2020 (GiE 20')"TEQIP -3	09th June 2020	to 13th June 2020
Deepali Kumawat	FDP on' Advances in Civil and Structural Engineering' TEQIP- 3	15 th June 2020	to 19 th June 2020

Deepali Kumawat	"Sustainable Environment – An Engineering Perspective, 2020" TEQIP-3	13 th July 2020	to 18 th July 2020
Deepali Kumawat	ADVANCED CONCEPTS FOR DEVELOPING MOOCS"	July 02,2020	July 17,2020
Pradnya Nanavare	Use of Moodle as LMS	26th june-	3rd July 2020
Dr. Anand Joshi	Faculty Development Program on Data Science	December 2, 2019	to December 7, 2019
Dr. Anand Joshi	Use of Moodle as LMS	01-06-2020	to July 3,2020
Dr. Anand Joshi	Remote Sensing and GIS Technology and application for university teachers and government officials.	13 June 2020	to 01-07-2020
Dr. Anand Joshi	FDP on " Physics of Materials"	28th May 2020	30th May 2020
Dr. Anand Joshi	Managing Online Classes and Co-Creating MOOCS	20-04-2020	to May 6, 2020
Dr. Dnyaneshwar Bhosale	"Use of Moodle as LMS"	26 th June	to 3 rd July 2020
Dr. Manisha Jail	Art of Research Paper Writing And IPR	25thMay 2020	- 27th May 2020
Dr. Manisha Jail	Innovative Teaching & Learning Through Digital Platforms	29-05- 2020	to 30-05-2020
Dr. Manisha Jail	Virtual Labs: Hands - ONWorkshop	18th July2020	
Dr. Manisha Jail	" Strategies for sustaining Quality culture in Autonomous Colleges" organized by K.J.Somaiya Institute of Engineering & Information Technology, Mumbai	21/6/21	25/6/21
Dr. Manisha Jail	"Modern Educational Tools & Pedagogical Practices for online Teaching" organized by Vidyalankar Institute of	21June	25 June 2020

Ms.Manjiri Kolhatkar	Remote Sensing and GIS Technology and application for university teachers and government officials.	13 June	to 01-07-2020
Ms.Manjiri Kolhatkar	Geosciences in Engineering 2020 (GiE 20')"TEQIP -3	09th June 2020	to 13th June 2020
Ms.Manjiri Kolhatkar	FDP on' Advances in Civil and Structural Engineering' TEQIP- 3	15 th June 2020	to 19 th June 2020
Mrs.Sneha Singh	Promoting Quality culture in technical institutions	25 May	to 29-05-2020
Mrs.Sneha Singh	FDP on Use of Moodle as LMS	26-06-2020	to 3 rd July 2020
Mrs.Sneha Singh	technology towards common man	10-06-2020	to 13-06-2020
Mrs.Sneha Singh	Infrastructure development: Possibilities and challenges	25-05-2020	to 29-05-2020
Mrs.Sneha Singh	Entrepreneurship, Incubation & Innovation	23 rd june	to 29-06-2020
Mrs.Sneha Singh	FDP on Sustainable environmental geotechnics	5 th oct 2020	to 9 th oct 2020
Mrs.Sneha Singh	Comprehensive e-Learning to e- Training for administrative work	25-05-2020	to 05-06-2020
Mrs.Sneha Singh	Advances in civil and structural engineering	15-06-2020	to 19-06-2020
Mrs.Sneha Singh	Geo-Sciences in Engineering	09-06-2020	to 13-06-2020
Anamika kumari	Data Science	12-02-2019	7-12-2019
Anamika kumari	Computational Electromagnetics	29-07-2019	18-11-2019
Dr Anita Jain	Research methodology , RnD cell AISSMS College of Engineering, Pune	09-06-2020	15-06-2020
Dr Anita Jain	Recent trend in technology and Digital Education	27-05-2020	29-05-2020
Dr Anita Jain	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020

I	1		
Dr Anita Jain	Python-3.4.3	20-04-2020	25-04-2020
Dr. Anita Jain	Innovation, business model and entrepreneurship	08-01-2019	10-01-2019
Dr. Anita Jain	Python for data science	01-01-2020	01-02-2020
Dr. Ashwini Deshpande	Deep Learning Part-1	29-07-2019	18-11-2019
Dr. Ashwini Deshpande	Machine Learning in the area of Pattern Recognition and Computer Vision	16-09-2019	28-09- 2019
Dr. Ashwini Deshpande	Patent Drafting for Beginners	01-01-2020	01-02-2020
Dr. Ashwini Deshpande	Research Paper Writing & Intellectual Property Rights, organized by RIT, Rajaramnagar	18-05- 2020	19-05- 2020
Dr. Ashwini Deshpande	Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education, organised by Center of Excellence in Teaching & Learning, AISSMS College of Engineering, Pune	01-06-2020	06-05-2020
Dr. Ashwini Deshpande	ML & AI Using Covid-19 Virus Data Analysis	06-06-2020	07-06-2020
Dr. Ashwini Deshpande	Applied Data Science using Python and Excel	17-06-2020	29-07-2020
Dr. Ashwini Deshpande	Hands on One week FDP on "Use of Moodle as LMS" organized by pedagogy cell CCOEW, Pune	26-06-2020	03-07-2020
Dr. Ashwini Deshpande	Deep Learning Specialization (5 Courses)	04-01-2020	05-01-2020
Dr. Bageshree Pathak	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Dr. Bageshree Pathak	Innovative teaching Padegogy in Technical Institutes - by KBT College of Engg, Nashik	01-06-2020	05-06-2020

Dr. Bageshree Pathak	Scilab	11 -5-2020	16-5-2020
Dr. Bageshree Pathak	Introduction to machine learning	27-01-2020	25-04-2020
Dr. Bageshree Pathak	AI for Everyone by Coursera	13 -05- 2020	06-10-2020
Dr. Megha Borse	Hands-on one week FDP on Use of Moodle as LMS	26-06-2020	07-03-2020
Dr. Mrudul Dixit	Machine Learning in the area of Pattern Recognition and Computer Vision	16-09-2019	28-09- 2020
Dr. Mrudul Dixit	2-Days Instructor Led Live online ML & AI Using Covid 19 Virus Data Analysis Workshop	29-04-2020	30-04-2020
Dr. Mrudul Dixit	FDP On Artificial Intelligence & Machine Learning Using Python	11-05-2020	15-5-2020
Dr. Mrudul Dixit	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	07-03-2020
Dr. Prachi Mukherji	Outcome Based Education	19-12-2019	24-12-2019
Dr. Sachin Paranjape	Hands-on one week FDP on Use of Moodle as LMS	26-06-2020	07-03-2020
Dr. Seema Rajput	"Problem Based Learning"	02-12-2019	06-12-2019
Dr. Seema Rajput	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Dr. Seema Rajput	Machine Learning Foundation - A Case Study Approach	01-04-2020	22-05-2020
Dr. Seema Rajput	Machine Learning : Regression	01-05-2020	09-06-2020
Dr. Sharada N. Ohatkar	5G technologies – Massive MIMO, Millimeter (mm) Wave MIMO, Non-Orthogonal Multiple Access (NOMA), Full Duplex (FD), OFDM/ FBMC and NB-IoT.	08-07-2019	14-07-2019

Dr. Sharada Ohatkar	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop.Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India	21-06- 2020	24-06- 2020
Dr. Sharada Ohatkar	LaTex, Pimpri Chinchwad College of Engineering & Research, Ravet, Pune. in association with Spoken Tutorial, IIT Bombay.	20-04- 2020	27-04- 2020
Dr. Sharada Ohatkar	Wireless Communication Towards 5G	25-05- 2020	29-05- 2020
Dr. Shubhangi Chaudhary	Digital Image Processing	29-07-2019	17-11-2019
Dr. Shubhangi Chaudhary	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Dr. Shubhangi Chaudhary	Python Basics	05-01-2020	06-01-2020
Dr. Shubhangi Chaudhary	AI for Everyone by Coursera	20-07-2021	20-07-2021
Dr.Anita Patil	Introduction to Internet of Things	27-01-2020	25-04-2020
Dr.Anita Patil	Ardunio	28-04-2020	04-05-2020
Dr.Anita Patil	Scilab	11-05-2020	16-05-2020
Dr.Anita Patil	Hands-on one week FDP on Use of Moodle as LMS	26-06-2020	03-07-2020
Dr.Supriya Mangale	DEEP Learning by Dr.P.K.Biswas	01-01-2020	01-04-2020
Ganesh R. Padalkar	Machine Learning and Data Analytics	09-12-2019	20-12-2019
Ganesh R. Padalkar	Machine Learning in the area of Pattern Recognition and Computer Vision	16-09-2019	28-09- 2019

Manasi Pathade	Machine Learning in the area of Pattern Recognition and Computer Vision	16-09-2019	28-09- 2019
Manasi Pathade	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Padma Hendre	Soft Skill Development	27-01-2020	29-03-2020
Padma Hendre	Ardunio	25-04-2020	02-05-2020
Padma Hendre	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Padma Hendre	Programming for Everybody (Getting Started with Python)	05-07-2020	29-6-2020
Milind Patankar	FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Milind Patankar	Fundamentals of Automotive Systems	01-01-2020	01-04-2020
Prachi Waghmare	Machine Learning,Deep learning and Artifical Intelligence	09-12-2019	13-12-2019
Prachi Waghmare	MI and AI using COVID-19 Virus DataAnalysis	29-04-2020	30-04-2020
Prachi Waghmare	LATEX	20-04-2020	27-04-2020
Prachi Waghmare	Python-3.4.3	20-04-2020	25-04-2020
Prachi Waghmare	Wireless Communicaton Towards 5G	25-05-2020	29-05-2020
Prachi Waghmare	Post COVID-19 Challenges in Engineering Education and Industry	25-05-2020	27-05-2020
Prachi Waghmare	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Prachi Waghmare	Social Media Data Analytics	20-05-2021	20-05-2021
Prachi Waghmare	AI for Everyone	20-05-2021	20-05-2021

Prachi Waghmare	Basic Sentiment Analysis with Tensor flow	20-05-2021	20-05-2021
Ravikant Suryawanshi	Internet of things, Application Development using Raspberry Pi and Python Programming	02-12-2019	13-12-2019
Ravikant Suryawanshi	Python for data science	26-08-2019	21-09-2019
Rupali Pawar	Control Engineering	29-07-2019	18-11-2019
Rupali Pawar	Joy of Computing using Python	29-07-2019	18-11-2019
Rupali Pawar	Use of Moodle as LMS	26-06-2020	03-07-2020
Sagar Vanarase	Introduction to Research	01-01-2020	04-01-2020
Sagar Vanarase	Use of Moodle as LMS	26-6-2020	07-03-2020
Sagar Vanarase	Post covid Challenges in engg.education and industry' by KJCOER,Pune	25-05-2020	27-05-2020
Sandhya Potadar	Machine Learning in the area of Pattern Recognition and Computer Vision	16-09-2019	28-09-2019
Snehal Natekar	Python for data science	01-01-2020	02-01-2020
Snehal Natekar	FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Tejashree Pawar	Deep Learning Part 1	29-07-2019	18-11-2019
Tejashree Pawar	Introduction to Internet of Things	27-01-2020	25-04-2020
Tejashree Pawar	JAVA' organized by PVGCOE in association with Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India	18-05-2020	22-05-2020

Tejashree Pawar	Next Generation Software Tools and Trends for Industrial Solutions: Current Practices" organized by Government college of Engineering, Aurangabad (Under TEQIP-III).	13-06-2020	17-06-2020
Tejashree Pawar	Hands on One week FDP on "Use of Moodle as LMS" aorganized by pedagogy cell CCOEW, Pune	26-06-2020	03-07-2020
Manasi Pathade	Fundamentals of Deep Learning for Multiple data types	29-06-2020	07-08-2020
Manasi Pathade	Fundamentals of Deep Learning for Computer Vision	20-07-2021	20-07-2021
Vidya Sisale	Hands on One week FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Dr.S S Musale	FDP on "Use of Moodle as LMS"	26-6-2020	3-7-2020
Mahesh Pote	FDP on "Use of Moodle as LMS"	26-6-2020	07-03-2020
Dr. Amit Khade	Data Science	12-02-2019	12-07-2019
Dr. Ashok Khedkar	FDP on "Use of Moodle as LMS"	26-6-2020	3-7-2020
S.L. Sahare	FDP on "Use of Moodle as LMS"	26-06-2020	03-07-2020
Dr Anagha			
Kulkarni	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Dr Anagha Kulkarni	Neural networks and deep learning	29-04-2020	09-05-2020
Dr Anagha Kulkarni	Pattern Discovery in data mining	10-05-2020	23-05-2020
Dr. Anagha Kulkarni	Use of Moodle as LMS	26-06-2020	03-07-2020
Dr. Dipti Patil	Patent drafting for Biginners	01-07-2019	31-08-2019

Dr. Dipti Patil	Online Course on "Probability and statistics: To p or not To p?	25-05-2020	22-06-2020
Dr. Dipti Patil	Neural networks and deep learning	15-05-2020	08-06-2020
Dr. Dipti Patil	Spoken Tutorial project of IIT Bombay on python 3.4.3	26-04-2020	30-04-2020
Harshad Wadakar	Nptel Joy of Computing on Python	01-01-2020	01-04-2020
Harshad Wadakar	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Harshad Wadakar	Use of Moodle as LMS	26-06-2020	03-07-2020
Praful Meshram	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Madhura Tokekar	Data Scientist toolbox	29-04-2020	09-05-2020
Madhura Tokekar	R programming	23-05-2020	02-06-2020
Madhura Tokekar	Use of Moodle as LMS	26-06-2020	03-07-2020
Sneha Thombre	National Level FDP on "Recent Trends and Innovations in Digital Forensic	25-05-2020	30-05-2020
Sneha Thombre	Neural networks and deep learning	10-05-2020	31-05-2020
Sneha Thombre	Use of Moodle as LMS	26-06-2020	03-07-2020
Sneha Thombre	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Sneha Thombre	"Emerging Trends in Industry 4.0"	18-05-2020	29-05-2020
Makarand Velankar	Audio Signal Processing for computational musicology	02-12-2019	06-12-2019
Makarand Velankar	Use of Moodle as LMS	26-06-2020	03-07-2020

Makarand Velankar	"Algorithms and Techniques for Signal Processing"	14-07-2020	18-07-2020
Makarand Velankar	Innovation, Business models and enterprenership	01-08-2019	01-10-2019
Radhika Bhagwat	FDP on Signal,Image and video Processing: A Practical Approach	26-05-2020	30-05-2020
Radhika Bhagwat	Machine Learning and Deep Learning Applications in Engineering ans science	16-05-2020	20-05-2020
Radhika Bhagwat	Use of Moodle as LMS	26-06-2020	03-07-2020
Radhika Bhagwat	Latex Programming	27-04-2020	02-05-2020
Radhika Bhagwat	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Radhika Bhagwat	Machine Learning in area of Pattern Recognition & Computer Vision	16-09-2019	28-09-2019
Suraj Chavan	Recent Trends and Innovations in Digital Forensic	25-05-2020	30-05-2020
Suraj Chavan	One Week Webinar Series on IT - Business Applications	02-06-2020	06-06-2020
Suraj Chavan	Next Generation Software Tools and Trends for Industrial Solutions: Current Practices	13-06-2020	17-06-2020
Suraj Chavan	Multiprogramming with OpenMP and CUDA	23-06-2020	27-06-2020
Suraj Chavan	Use of Moodle as LMS	26-06-2020	03-07-2020
Suraj Chavan	Mathematical concepts by using Free Open Source Softwares (FOSS)	21-07-2020	25-07-2020
Suraj Chavan	Problem Solving through Programming in C	01-07-2020	01-10-2020
Suraj Chavan	Operating System Fundamentals	01-07-2020	01-10-2020

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Suraj Chavan	Programming for Everybody (Getting Started with Python)	01-05-2020	10-05-2020
Suraj Chavan	Python Data Structures	03-05-2020	12-05-2020
Suraj Chavan	AI for Everyone	12-05-2020	23-05-2020
Suraj Chavan	Being a researcher (in Information Science and Technology)	15-05-2020	26-05-2020
Leena Panchal	Latex Programming Spoken Tutorial IIT Mumbai	27-04-2020	01-05-2020
Leena Panchal	Machine Learning and Deep Learning Applications in Engineering and Science	16-05-2020	20-05-2020
Leena Panchal	Signal,Image and Video Processing: A Practical Approach	26-05-2020	30-05-2020
Leena Sharma	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Leena Sharma	Use of Moodle as LMS	26-06-2020	03-07-2020
Harsha Sonune	Use of Moodle as LMS	26-06-2020	03-07-2020
Harsha Sonune	Java by Spoken Tutorial IIT Mumbai	05-04-2020	13-04-2020
Harsha Sonune	BOSS Linux Spoken Tutorial IIT Mumbai	15-04-2020	22-04-2020
Harsha Sonune	Latex Programming Spoken Tutorial IIT Mumbai	27-04-2020	01-05-2020
Harsha Sonune	Machine Learning and Deep Learning Applications in Engineeering and Science	16-05-2020	20-05-2020
Harsha Sonune	Coursera course on Using Databases with Python	03-06-2020	21-07-2020
Harsha Sonune	coursers course on Using Python to Access Web Data	11-05-2020	21-06-2020
Harsha Sonune	Blockchain Basics	03-06-2020	05-07-2020

Harsha Sonune	Nptel Joy of Computing on Python	01-01-2020	01-04-2020
Suchitra Morwadkar	R programming by Spoken Tutorials IIT Mumbai	30-04-2020	05-05-2020
Suchitra Morwadkar	Drupal by Spoken Tutorials IIT Mumbai	18-05-2020	22-05-2020
Suchitra Morwadkar	Java by Spoken Tutorial IIT Mumbai 2019	18-05-2020	22-05-2020
Suchitra Morwadkar	Python by Spoken Tutorials IIT Mumbai	18-05-2020	22-05-2020
Suchitra Morwadkar	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Suchitra Morwadkar	Next generation software tools and Trends for Industrial solutions : Current Practices "	13-06-2020	17-06-2020
Suchitra Morwadkar	Marketing in Digital World	01-06-2020	07-07-2020
Suchitra Morwadkar	Use of Moodle as LMS	26-06-2020	03-07-2020
Prajakta Deshpande	FDP on JAVA (Online Spoken Tutorial project,IIT Bombay)	18-05-2020	22-05-2020
Prajakta Deshpande	FDP on Drupal(Online Spoken Tutorial project,IIT Bombay)	18-05-2020	22-05-2020
Prajakta Deshpande	Engineering maintainable android apps	29-04-2020	05-11-2020
Prajakta Deshpande	Data Science(PMMMNMT)	02-12-2019	07-12-2019
Prajakta Deshpande	Use of Moodle as LMS	26-06-2020	03-07-2020
Prajakta Deshpande	Machine Learning in area of Pattern Recognition & Computer Vision	16-09-2019	28-09-2019
Milind Kolambe	FDP on Cloud computing using AWS	03-06-2020	07-06-2020
Milind Kolambe	Data Science(PMMMNMT)	02-12-2019	07-12-2019

Milind Kolambe	Use of Moodle as LMS	26-06-2020	03-07-2020
Milind Kolambe	Security issues and role of cryptography in communication	22-06-2020	26-06-2020
Milind Kolambe	NPTEL-Joy of Computing on Python	01-01-2020	01-04-2020
Milind Kolambe	Core Python	28-06-2020	04-07-2020
Milind Kolambe	E-content Development and effective use of ICT	11-06-2020	17-06-2020
Simantinee Kulkarni	Cyber Security	04-11-2019	09-11-2019
Simantinee Kulkarni	Data Science	02-12-2019	07-12-2019
Simantinee Kulkarni	Java(Online Spoken Tutorial project,IIT Bombay)	18-05-2020	22-05-2020
Simantinee Kulkarni	Python 3.4.3(Online Spoken Tutorial project,IIT Bombay)	29-04-2020	04-05-2020
Simantinee Kulkarni	Drupal(Online Spoken Tutorial project,IIT Bombay)	18-05-2020	22-05-2020
Dr. Anagha Panditrao	Hands-on Workshop on Connection from machine to Cloud	5 Feb 2020	5 Feb 2020
Dr. Anagha Panditrao	NPTEL Electric Vehicles – Part 1 (4 weeks)	Jan 2020	April 2020
Dr. Anagha Panditrao	National Webinar on 'Industial Connect'	30 May 2020	30 May 2020
Dr. Anagha Panditrao	Online course on 'Initialing and planning Projects' (4 weeks)	Completed on May 2020	Completed on May 2020
Dr. Anagha Panditrao	Online course on 'Budgeting and Scheduling Projects' (4 weeks)	Completed on May 2020	Completed on May 2020

Dr. Anagha Panditrao	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8 June 2020	12 June 2020
Dr. Anagha Panditrao	Webinar for FDP on "Outcome Based Education Software"	11 June 2020	11 June 2020
Dr. V. D. Hajare	5 days online STTP on 'Signal Analysis,Machine Learning andIts Applications" using Python and MATLAB	1 June 2020	5June 2020
Dr. V. D. Hajare	The 5 days online short-term Training Program on" IOT and Its Applications in Industry	8 June 2020	12 June 2020
Dr. A. K. Joshi	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8June 2020	12 June 2020
Dr. Dipali Ramdasi	Hands-on Workshop on Connection from machine to Cloud	5 Feb 2020	5 Feb 2020
Dr. Dipali Ramdasi	NPTEL Electric Vehicles – Part 1 (4 weeks)	Feb 2020	Feb 2020
Dr. Dipali Ramdasi	National One Week online FDP on "LATEX"	28 April 2020	4May 2020
Dr. Dipali Ramdasi	5 Days online short-term training program on 'MATLAB based Teaching-Learning in Mathematics, Science and Engineering	18 May 2020	22 May 2020
Dr. Dipali Ramdasi	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8 June 2020	12 June 2020
Prof. H. T. Patil	5 Days STTP on 'Emotional Intelligence Using AI, ML and Python	1 May 2020	5 May 2020
Prof. H. T. Patil	Interactive Session on " How To Prepare for NBA"	9 May 2020	9 May 2020

Prof. H. T. Patil	Online course on 'AI for Everyone' (4weeks)	Completed on May 2020	Completed on May 2020
Prof. H. T. Patil	5 Days online shortterm training program on 'Matlab based Teaching-Learning in Mathematics, Science and Engineering	18 May 2020	22 May 2020
Prof. H. T. Patil	Effective and Efficient Online Teaching in the Age of Corona, A National Hands on Workshop	23 May 2020	23 May 2020
Prof. H. T. Patil	Online course on 'Neural Networks and Deep learning' (4 weeks)	Completed on May 2020	Completed on May 2020
Prof. H. T. Patil	5 Days STTP on 'Signal analysis, Machine Learning and its Applications using Python and MATLAB.'	1 June 2020	5 June 2020
Prof. H. T. Patil	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8 June 2020	12 June 2020
Prof. H. T. Patil	Webinar for FDP on "Outcome Based Education Software"	11 June 2020	11 June 2020
Prof. Pratima Kulkarni	NPTEL Electric Vehicles – Part 1 (4 weeks)	Jan 2020	Apr 2020
Prof. Pratima Kulkarni	National One Week online FDP on "LATEX"	28 April 2020	4May 2020
Prof. Pratima Kulkarni	Use of Moodle as LMS	26th June 2020	3rd July 2020
Prof. Pratima Kulkarni	Webinar on e-Workshop on "Virtual Lab"	14 May 2020	14 May 2020
Prof. Pratima Kulkarni	National Webinar on "Indutrial Connect"	30 May 2020	30 May 2020

Prof. Pratima Kulkarni	5 Days online short-term training program on 'MATLAB based Teaching-Learning in Mathematics, Science and Engineering	18 May 2020	22 May 2020
Prof. Pratima Kulkarni	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8 June 2020	12 June 2020
Dr. Vaishali Upadhye	Delta V 7009	9th Dec 2019	13th Dec 2019
Dr. Vaishali Upadhye	NPTEL Online Certification course on NBA Accreditation and Teaching-Learning (12 weeks)	Jan 2020	Apr 2020
Dr. Vaishali Upadhye	Interactive Session on " How To Prepare for NBA"	9 May 2020	9 May 2020
Dr. Vaishali Upadhye	Webinar on 'Leadership Development In Women Professionals Entrants'	30 May 2020	30 May 2020
Dr. Vaishali Upadhye	Online Teaching- Learning and Online Assessment Demo	4 June 2020	4 June 2020
Dr. Vaishali Upadhye	The 5 days online short term Training Program on" IOT and Its Applications in Industry	8 - 12 June 2020	8 - 12 June 2020
Dr. Vaishali Upadhye	Webinar for FDP on "Outcome Based Education Software"	11 June 2020	11 June 2020
Dr. Vaishali Upadhye	Effective and Efficient Online teaching in the Age of Corona	17 May 2020	17 May 2020
Dr. Vaishali Upadhye	Innovative Teaching Pedgogy in the technical Institutions"	01 June 2020	05 June 2020
Dr. Revati Shriram	Online Workshop on 'Intellectual Property Rights'	10April 2020	11 April 2020

Dr. Revati Shriram	1-week online FDP on 'Latex Programming'	27 April 2020	2 May 2020
Dr. Revati Shriram	FDP on Outcome Based Education A Step Towards Excellence	11 May 2020	15 May 2020
Dr. Revati Shriram	1-week TEQIP -Online FDP on 'Machine learning and Deep Learning Applications in Engineering and Science'	16 May 2020	20 May 2020
Dr. Revati Shriram	1-week FDP on 'Technical Teacher's Training'	22 May 2020	27 May 2020
Dr. Revati Shriram	ISTE Online/STTP/ FDP on 'Automatus 2020- make Automation Yours'	1 June 2020	12-June 2020
Dr. Revati Shriram	Two weeks online FDP (MOOC) on 'Effective Use of ICT Tools in Online Teaching'	22 June 2020	4 July 2020
Dr. Nivedita Daimiwal	National 4thWinnter school on Neural Networks and Its Application	2nd Dec 2019	6th Dec 2019
Dr. Nivedita Daimiwal	National Six Days National Level FDP On Machine Learning and Deep Learning Techniques for Computer Aided Interpretation (MATLAB, PYTHON)	18 May 2020	23 May 2020
Dr. Nivedita Daimiwal	2 weeks-Prayog Experiments on Click using virtual Labs	18 May 2020	27 May 2020
Dr. Nivedita Daimiwal	National 2 weeks- Automatus 2020 - Make Automation Yours	1 June 2020	12 June 2020
Dr. Nivedita Daimiwal	1 week-Health care clinical research	4 June 2020	10 June 2020
Prof. Y. G. Adhav	CO-PO Attainment Computation and Outcomes Analysis	17 June 2020	17 June 2020
Prof. Y. G. Adhav	Webinar series on 'Fundamentals of Steam Engineering'	15 June 2020	18 June 2020

Dr. Swati Madhe	AICTE 2 weeks FDP on Machine Learning in the area of pattern Recognition and Computer vision	16th Sep 2020	28th Sep 2020
Dr. Swati Madhe	NPTEL NBA Accreditation and Teaching – Learning in Engg. (12 weeks)	Jan2020	Apr 2020
Dr. Swati Madhe	Hands-on workshop on Connection from Machine to Cloud	5th Feb 2020	5th Feb 2020
Dr. Swati Madhe	Three Days Webinar series on 'Post Covid -19: Challenges in Engineering Education and Industry'	25 May 2020	27 May 2020
Dr. Swati Madhe	Online course on 'Covid-19 Contract Tracing' (4 weeks)	Completed on May 2020	Completed on May 2020
Dr. Swati Madhe	CO-PO Attainment Computation and Outcomes Analysis	1 June 2020	1 June 2020
Dr. Swati Madhe	Online Teaching- Learning and Online Assessment Demo	4 June 2020	4 June 2020
Dr. Swati Madhe	International Webinar on 'Employability skills 2020-Post Covid-19	14 June 2020	14 June 2020
Dr. Swati Madhe	The BodhiTree and SAFE Tools for Effective Online Teaching: Hands on workshop	21 June 2020	21 June 2020
Dr. Swati Madhe	6 week Machine Learning Foundations: A case study Appoach	1st May 2020	6th June 2020
Dr. Swati Madhe	1 week FDP on Resurgence of Mental Health During Uncertain Times & Beyond	14th June 2020	20th June 2020
Prof. Amruta Bahulikar	NPTEL Electric Vehicles – Part 1 (4 weeks)	Jan-Apr 2020	Jan-Apr 2020

Prof. Amruta Bahulikar	National One Week online FDP on "LATEX"	28 April 2020	4May 2020
Prof. Amruta Bahulikar	Webinar on e-Workshop on "Virtual Lab"	14 May 2020	14 May 2020
Prof. Amruta Bahulikar	5 Days online short-term training program on 'MATLAB based Teaching-Learning in Mathematics, Science and Engineering	18 May 2020	22 May 2020
Prof. Amruta Bahulikar	National Webinar on 'Industial Connect'	30 May 2020	30 May 2020
Prof. Amruta Bahulikar	5 Days online shortterm training program on 'IOT and It's Applications in Industry'	8 June 2020	12 June 2020
Prof. Manisha Narawane	Aurdino Training	Jan 2020	May 2020
Prof. Manisha Narawane	AICTE One-week FDP on 'Internet of Things'	10 Apr 2020	14 Apr 2020
Prof. Manisha Narawane	AICTE One-week FDP on 'Data Sciences'	30 Apr 2020	4 May 2020
Prof. Manisha Narawane	AICTE One-week FDP on 'Data Science using R'	11 May 2020	15 May 2020
Prof. Manisha Narawane	AICTE One-week FDP on 'Data Analytics using Python'	18 May 2020	22 May 2020
Prof. Manisha Narawane	One-week FDP on 'R Programming'	20 May 2020	25 May 2020
Prof. Manisha Narawane	1-week FDP on 'Technical Teacher's Training'	22 May 2020	27 May 2020
Prof. H. T. Patil	1 Week FDP on Data Science	12-2-2019	12-7-2019

Yashwant Adhav	National 4thWinnter school on Neural Networks and Its Application	2nd Dec 2019	6th Dec 2019
Dr. V. D. Hajare	NPTEL-AICTE FDP on Innovation, Business Models and Entrepreneurship	Aug 2019	Oct 2019
Dr. V. D. Hajare	NPTEL-AICTE FDP Machine Learning	Jan 2020	Apr 2020
Prof.S.A.Kedar	Recent Trends in Energy and Environment	6 Jan 2020	10 Jan 2020
Prof.S.A.Kedar	Emerging Trends in Refrigeration and Air Conditioning	1June 2020	6 June 2020
Prof.S.A.Kedar	Experiences in Solar Energy : Challenges and Opportunities	8June 2020	13 June 2020
Prof.S.A.Kedar	The Bhodhi Tree and SAFE Tools for effective online teaching : A hands on workshop	18 June 2020	24 June 2020
Prof.S.A.Kedar	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June2020	3 July 2020
Dr. Anand Bewoor	OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE	11 May 2020	15 May 2020
Dr. Anand Bewoor	Innovative Teaching Pedagogy in the Technical Institutions	1June 2020	5 June 2020
Dr. Anand Bewoor	Innovations in ICT Enables Teaching learning	25 Nov 2019	6 December 2019
Rujuta Agavekar	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June 2020	3 July 2020
Rujuta Agavekar	Building Energy Technology and recent rends in HVAC	1 June 2020	6 June 2020
Rujuta Agavekar	Python 3.4.3	25 May 2020	30 May 2020
Rujuta Agavekar	Renewable Energy and utilization	26 May 2020	30 May 2020
Rujuta Agavekar	Futuristic Technologies in Mechanical Industries	5 June 2020	9 June 2020

Prof. Harish Shinde	Recent Trends in Energy and Environment	6 Jan.2020	10 Jan.2020
Prof. Harish Shinde	Emerging Trends in Refrigeration and Air Conditioning	1 June 2020	6 June 2020
Prof. Harish Shinde	Experiences in Solar Energy : Challenges and Opportunities	8 June 2020	13 June 2020
Prof. Harish Shinde	Recent innovations and technologies in electric vehicles	8 June 2020	13 June 2020
Prof. Harish Shinde	Open Source Tools for Research	8June 2020	14 June 2020
Prof. Harish Shinde	Emerging Technologies: Research Issues and Challenges	10 June 2020	16 June 2020
Prof. Harish Shinde	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June 2020	3 July 2020
Prof. Harish Shinde	Futuristic Technologies in Mechanical Industries	5 June 2020	9 June 2020
Prof. Harish Shinde	Building Energy Technology and recent rends in HVAC	1 June, 2020	6 June, 2020
Prof. Harish Shinde	Certified Lean Six Sigma-Green Belt	15 June, 2020	20 June, 2020
Yashwant Munde	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	27 June, 2020	3 July, 2020
Yashwant Munde	Future Materials: Nanocomposites	15 June, 2020	21 June, 2020
Yashwant Munde	Advanced Optimization Tools & Techniques for Researchers and Engineers	23rd May 2020	27th May 2020
M A Vahadne	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June, 2020	3 July, 2020
N.R.Patil	Chemistry and Engineering Aspects of Water Remediation'	1 July 2019	5 July 2019

N.R.Patil	Research Methodologies and Advanced Optimization Techniques'	16 Dec2019	20 Dec 2019
N.R.Patil	FDP on 'Scilab'	24 May2020	30 May 2020
N.R.Patil	Product Design and Novelty	6 June2020	10 June 2020
N.R.Patil	Recent Advances in Manufacturing Technologies	15 June 2020	19 June 2020
N.R.Patil	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June 2020	3 July 2020
V A MALI	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June 2020	3 July 2020
V A MALI	The Bhodhi Tree and SAFE Tools for effective online teaching : A hands on workshop	18 June 2020	24 June 2020
A. S. Shinde	Use of Moodle as LMS to learn competency of Gnomio Moodle Creation for OBE	26 June 2020	3 July 2020
N.R.Kolhalkar	Research Methodologies in Mechanical Engineering (A Refreshear Approach)	30July2020	4 August 2020
Prof.S.A.Kedar	Fundamental on Steam Engineering	15June 2020	18 June 2020
Prof.S.A.Kedar	Outcome based education , NBA approach	11 June 2020	12 June 2020
Prof.S.A.Kedar	Future Advancement and Applications of Internet of Things	12June 2020	14 June 2020
Rujuta Agavekar	Fundamental on Steam Engineering	15June 2020	18 June 2020
Rujuta Agavekar	Fundamentals of Combustion	15 June 2020	18 June 2020
Rujuta Agavekar	Effective and Efficient Online Teaching in the age of CORONA, a hands on workshop	16 May	16 May
Rujuta Agavekar	Future Advancement and Applications of Internet of Things	12 June 2020	14 June 2020

Rujuta Agavekar	Industry-4.0	6 May	6 May
Prof. Harish Shinde	Applications of machine learning and deep learning techniques in mechanical engineering	27 May 2020	27 May 2020
Prof. Harish Shinde	Multi scale multi domain modeling of lithium ion battery for CFD analysis	29 May 2020	29 May 2020
Prof. Harish Shinde	Outcome based education, NBA approach	11 June 2020	12 June 2020
Prof. Harish Shinde	Future advancements and applications of internet of things	12 June 2020	12 June 2020
Prof. Harish Shinde	Fundamentals of Steam Engineering	15 June 2020	18 June 2020
Yashwant Munde	Noise Vibration and Harshness	11th June 2020	14th June 2020
Yashwant Munde	Composites during lockdown	21, 25, 27, 28 and 30 May 2020	21, 25, 27, 28 and 30 May 2020
Yashwant Munde	ACOUSTIC	19th ,26th July and 2nd August 2020	19th ,26th July and 2nd August 2020
Yashwant Munde	Challenges and Opportunities in Biocomposites	29th July 2020.	29th July 2020.
N.R.Patil	Outcome Based Education	11 June 2020	12 June 2020
N.R.Patil	Industry-4.0	29 May 2020	29 May 2020
N.R.Patil	Condition Monitoring	24 May 2020	24 May 2020
Prof. V. A. Mali	Step-by-step for Writing research articles	21 May 2020	21 May 2020
N.R.Kolhalkar	The role of Artifical Intelligence and Machine Learning in Robotics and Automation	1 June 2020	3 June 2020
N.R.Kolhalkar	The role of Industry and Academia in Building Institutions and Innovations	28 May 2020	30 May 2020
N.R.Kolhalkar	Advances in Mechanical Engineering	1 June 2020	3 June 2020

Dr.Neeta Maitre	3 weeks FDP on "Training Program in Website Development in Wordpress Technology"	13th June 2019	5th July 2019
Mrs.Nutan Deshmukh	10 days FDP on Being a Leader And the Effective Exercise of Leadership: An Ontological/Phenomenological Model	22nd July 2019	31st July 2019
Mrs.Aparna Hajare	10 days FDP on Being a Leader And the Effective Exercise of Leadership: An Ontological/Phenomenological Model	22nd July 2019	31st July 2019
Dr. Anjali Naik	Two -Week AICTE sponsored FDP on Machine Learning in the area of Pattern Recognition and computer vision	16th Sept 2019	28th Sept 2019
Dr.Neeta Maitre	NPTEL-AICTE(8 Week Course) Knowledge Management	Jul 2019	Sept 2019
Mrs Nutan Deshmukh	NPTEL-AICTE(8 Week Course) on Introduction to Programming in C	Jul 2019	Sept 2019
Mrs.Varsha Pimprale	NPTEL-AICTE(8 Week Course) on Introduction to Programming in C	Jul 2019	Sept 2019
Dr.Chhaya Gosavi	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Mrs.Madhuri Tasgaonkar	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Mrs,Vaishali Salgar	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Mrs.Shilpa Pant	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Dr.Anjali Naik	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019

Mrs Sheetal Barekar	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Ms.Neha Koria	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Mrs.Rakhi Dongaonkar	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Mrs.Meenal Kamalakar	NPTEL-AICTE (4 week course) Python for Data Science	Aug 2019	Sept 2019
Dr.Sunita Jahirabadkar	One Day "Intellectual Property Rights(IPR)"Awareness Program Titled "IPR for Business Success"	1 st Oct 2019	1 st Oct 2019
Mrs.Shilpa Pant	NPTEL-AICTE (12 week course)Introduction to Internet Of Things	Jul 2019	Oct 2019
Mrs,Aparna Hajare	NPTEL-AICTE (12 week course)Introduction to Internet Of Things	Jul 2019	Oct 2019
Mrs.Vaishali Salgar	NPTEL-AICTE (12 week course)Introduction to Internet Of Things	Jul 2019	Oct 2019
Mrs.Nutan Deshmukh	NPTEL-AICTE (12 week course)The Joy of Computing using Python	Jul 2019	Oct 2019
Mrs.Varsha Pimprale	NPTEL-AICTE (12 week course)The Joy of Computing using Python	Jul 2019	Oct 2019
Dr.Anjali Naik	NPTEL-AICTE (8 week Course)Design And Analysis of Algorithms	Aug 2019	Oct 2019
Dr.Shilpa Deshpande	NPTEL-AICTE (8 week Course) "Cloud Computing"	Aug 2019	Oct 2019
Dr.Shilpa Deshpande	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Madhuri Tasgaonkar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019

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Mrs.Nutan Deshmukh	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Varsha Pimprale	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Dr.Anjali Naik	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Dr.Sunita Jahirabadkar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Dr.Sandhya Arora	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mr.Hitendra Khairnar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mr.Saurabh Mengale	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Sakshi Mandke	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Vaishali Salgar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Aparna Hajare	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Shilpa Pant	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Rakhi Dongaonkar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Ms.Nilofer Kittad	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Pranjali Deshpande	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Neha Koria	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019

Mrs Swati Shirsath	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs Shital Barekar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Sharyau Mirasdar	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Sayali Sapkal	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Mrs.Sanjivani Mane	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Ms.Gitanjalee Salunkhe	6 days Faculty Development Program on "Cyber Security"	4th Nov 2019	9th Nov 2019
Dr.Neeta Maitre	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Shilpa Pant	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Rakhi Dongaonkar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Vaishali salgar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Varsha Pimprale	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Madhuri Tasgaonkar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Nutan Deshmukh	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Sakshi Mandke	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Nilofer Kittad	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019

Dr. Sunita Jahirabadkar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Aparna Hajare	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Dr.Anjali Naik	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Sayali Sapkal	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Ms.Gitanjalee Salunkhe	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs Sheetal Barekar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Neha Koria	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Sharayu Mirasdar	6 days Faculty Development Program on "Data science"	2nd Dec 2019	7th Dec 2019
Mrs.Madhuri Tasgaonkar	6 days AICTE sponsored FDP on "Predictive Analytics in Big Data Applications Using Hadoop and R-Programming"	16th Dec 2019	21st Dec 2019
Mr.Hitendra Khairnar	6 days AICTE sponsored FDP on "Predictive Analytics in Big Data Applications Using Hadoop and R-Programming"	16th Dec 2019	21st Dec 2019
Mrs.Aparna Hajare	16 week Course SWAYAM ARPIT ONLINE COURSE CERTIFICATION on "Career Advancement Scheme (CAS) promotion Leadership and Governance in Higher Education Level 2	Oct 2019	Jan 202

Dr. Anjali Naik	16 week Course SWAYAM ARPIT ONLINE COURSE CERTIFICATION on "Career Advancement Scheme (CAS) promotion Leadership and Governance in Higher Education Level 2	Oct 2019	Jan 2020
Mrs.Vaishali Salgar	16 week Course SWAYAM ARPIT ONLINE COURSE CERTIFICATION on "Career Advancement Scheme (CAS) promotion Leadership and Governance in Higher Education Level 2	Oct 2019	Jan 2020
Mrs.Madhuri Tasgaonkar	16 week Course SWAYAM ARPIT ONLINE COURSE CERTIFICATION on "Career Advancement Scheme (CAS) promotion Leadership and Governance in Higher Education Level 2	Oct 2019	Jan 2020
Dr.Neeta Maitre	NPTEL Online Certification on "Supply Chain Analytics" - 8 weeks NPTEL Course (Covid 19 impacted semester)	Jan 2020	Mar 2020
Dr.Neeta Maitre	NPTEL Online Certification on "Emotional Intelligence" - 8 weeks NPTEL Course (Covid 19 impacted semester)	Jan 2020	Mar 2020
Dr.Shilpa Deshpande	NPTEL Online Certification on "Cloud Computing and Distributed Systems" - 8 weeks NPTEL Course (Covid 19 impacted semester)	Jan 2020	Mar 2020
Mrs. Aparna Hajare	NPTEL (4 Week Course) on"Design and Pedagogy of the introductory programming course"(Covid 19 impacted semester)	Feb 2020	Mar 2020
Mrs.Shital Barekar	NPTEL (4 Week Course) on"Design and Pedagogy of the introductory programming course"(Covid 19 impacted semester)	Feb 2020	Mar 2020

Mr.Hitendra Khairnar	NPTEL (4 Week Course) on"Design and Pedagogy of the introductory programming course"(Covid 19 impacted semester)	Feb 2020	Mar 2020
Dr.Anjali Naik	NPTEL (4 Week Course) on"Design and Pedagogy of the introductory programming course" (Covid 19 impacted semester)	Feb 2020	Mar 2020
Dr. Chhaya Gosavi	One week online FDP on "Python 3.4.3"In association with Spoken Tutorial IIT,Bombay	20th April 2020	25th April 2020
Mr.Mahendra Deore	One week online FDP on "Python 3.4.3"In association with Spoken Tutorial IIT,Bombay	20th April 2020	25th April 2020
Mr. Mahendra Deore	One Week online FDP on "PHP and MYSQL "Spoken Tutorial,IIT Bombay	24th Apr 2020	30th April 2020
Ms. Nilofer Kittad	One Week FDP on "LaTex"Spoken Tutorial,IIT Bombay	25th Apr 2020	1st May 2020
Dr.Sandhya Arora	One Week Online FDP on "Python 3.4.3"Spoken Tutorial IIT Bombay	27th Apr 2020	2nd May 2020
Dr. Supriya Kelkar	One week Online Faculty Development Program on "Python Programming"Spoken Tutorial,IIT Bombay	28th Apr 2020	3rd May 2020
Dr.Chhaya Gosavi	NPTEL-AICTE(12 Week Course) Programming in Java(Covid 19 impacted semester)	Jan 2020	Apr 2020
Ms. Meenal Kamalakar	NPTEL-AICTE(12 Week Course) Programming in Java(Covid 19 impacted semester)	Jan 2020	Apr 2020
Ms.Neha Koria	NPTEL-AICTE(12 Week Course) Programming in Java(Covid 19 impacted semester)	Jan 2020	Apr 2020

Dr. Supriya Kelkar	NPTEL online (12 Week Course) on Joy Of Computing Using Python"(Covid 19 impacted semester)	Jan 2020	20 Apr 2020	
Ms. Nilofer Kittad	NPTEL (8 Week Course) on"DATA MINING"(Covid 19 impacted semester)	Feb 2020	Apr 2020	
Ms.Gitanjalee Salunkhe	NPTEL (8 Week Course) on"DATA MINING"(Covid 19 impacted semester)	Feb 2020	Apr 2020	
Dr.Neeta Maitre	NPTEL (8 Week Course) on"DATA MINING"(Covid 19 impacted semester)	Feb 2020	Apr 2020	
Ms. Nilofer Kittad	NPTEL (12 Week Course) Problem solving through Programming in C(Covid 19 impacted semester)	Jan 2020	Apr 2020	
Ms.Gitanjalee Salunkhe	NPTEL (12 Week Course) Problem solving through Programming in C(Covid 19 impacted semester)	Jan 2020	Apr 2020	
Ms. Shilpa Pant	NPTEL (12 Week Course) on"Computer Network & Internet Protocol"	Jan 2020	Apr 2020	
Dr.Shilpa Deshpande	NPTEL Online Certification on "Google Cloud Computing Foundation Course" - 8 weeks NPTEL Course (Covid 19 impacted semester)	Feb 2020	Apr 2020	
Mr. Mahendra Deore	One Week online FDP on "DRUPAL" Spoken Tutorial,IIT Bombay	4th May 2020	9th May 2020	
Ms. Shilpa Pant	One Week online FDP on "DRUPAL" Spoken Tutorial,IIT Bombay	4th May 2020	9th May 2020	
Ms. Nilofer Kittad	One Week online FDP on "DRUPAL" Spoken Tutorial,IIT Bombay	4th May 2020	9th May 2020	

Ms. Shilpa Pant	2 Weeks Online Faculty Development Program on "Java"Spoken Tutorial,IIT Bombay	4th May 2020	15th May 2020
Dr. Neeta Maitre	One Week Online Faculty Development Program "PHP and MySQL"Spoken Tutorial,IIT Bombay	May 8, 2020	May 13, 2020
Mrs.Shilpa Pant	One Week Online Faculty Development Program "PHP and MySQL"Spoken Tutorial,IIT Bombay	May 8, 2020	May 13, 2020
Dr.Chhaya Gosavi	2 weeks Coursera online certification on "Introduction to Data Science in Python"	15th May 2020	28th May 2020
Dr.Sandhya Arora	4- Days Online Workshop for Students and Faculty Development Program On "LaTeX" by Spoken Tutorial Project,IIT Bombay	14th May 2020	17th May 2020
Dr. Supriya Kelkar	One Week FDP on "DRUPAL"Spoken Tutorial,IIT Bombay	18th May 2020	22nd May 2020
Ms. Nilofer Kittad	5 days FDP on "Python Programming & Fuzzy System"	18th May 2020	22nd May 2020
Ms.Neha Koria	5 days FDP on "Python Programming & Fuzzy System"	18th May 2020	22nd May 2020
Ms.Gitanjalee Salunkhe	5 days FDP on "Python Programming & Fuzzy System"	18th May 2020	22nd May 2020
Ms. Shilpa Pant	5 days FDP on "Python Programming & Fuzzy System"	18th May 2020	22nd May 2020
Ms. Nilofer Kittad	One week online Faculty Development Program on "Python"Spoken Tutorial,IIT Bombay	18th May 2020	22nd May 2020

,Ms.Gitanjalee Salunkhe	One week online Faculty Development Program on "Python"Spoken Tutorial,IIT Bombay	18th May 2020	22nd May 2020
Ms.Neha Koria	One week online Faculty Development Program on "Python"Spoken Tutorial,IIT Bombay	18th May 2020	22nd May 2020
Dr.Chhaya Gosavi	2 weeks online certification on "Machine Learning using SAS Viya"	20th May 2020	3rd June 2020
Dr.Sandhya Arora	1-Week FDP on "DRUPAL" In association with Spoken Tutorial IIT Bombay	18th May 2020	23rd May 2020
Mrs.Sheetal Barekar	1 Week FDP on "Promoting Quality culture in technical institutions"	25th May 2020	29th May 2020
Ms.Jyoti Chinchole	One week FDP On "Java Programming"In association with Spoken Tutorial IIT Bombay	26th May 2020	30th May 2020
Mrs. Aparna Hajare	One week Online FDP on "Signal, Image & Video Processing : A Practical Approach" TEQIP-III	26th May 2020	30th May 2020
Mrs.Vaishali Salgar	One week Online FDP on "Signal, Image & Video Processing : A Practical Approach" TEQIP-III	26th May 2020	30th May 2020
Mrs.Sheetal Barekar	One week Online FDP on "Signal, Image & Video Processing : A Practical Approach" TEQIP-III	26th May 2020	30th May 2020
Mrs.Jyoti Chinchole	3 Days Online Workshop on "Education 4.0-Season II"	28th May 2020	30th May 2020
Ms. Nilofer Kittad	One Week Online Faculty Development ProĀram on "Advanced C++"Spoken Tutorial,IIT Bombay	27th Apr 2020	01st May 2020

Ms. Shilpa Pant	One week Online Faculty Development Program on "Python 3.4.3" Spoken Tutorial,IIT Bombay	27th Apr 2020	2nd May 2020
Ms. Shilpa Pant	2 days FDP on "Effective use of ICT tools for efficient online teaching"	29th May 2020	30th May 2020
Mrs.Sushila Shelke	Sequences, Time Series and Prediction, 4-week Coursera course	13th April 2020	10th May 2020
Mrs.Sushila Shelke	Sequence Models, 3-week Coursera course	27th April 2020	10th May 2020
Mr. Mahendra Deore	One Week online FDP on "Innovative Teaching Pedagogy in Technical Institutions"	1st June 2020	5th June 2020
Ms. Nilofer Kittad,Ms. Neha Koria	6 days FDP on "MOODLE MANAGEMENT SYSTEM"	1st June 2020	6th June 2020
Ms. Neha Koria	6 days FDP on "MOODLE MANAGEMENT SYSTEM"	1st June 2020	6th June 2020
Ms.Jyoti Chinchole	Two weeks National level training Program on "Project Guidance from Selection to Implementation	1st June 2020	14th June 2020
Dr.Shilpa Deshpande	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Mrs. Vaishali Salgar	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Mrs. Shilpa Pant	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Mrs. Aparna Hajare	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Mrs.Sheetal Barekar	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Mr.Hitendra khairnar	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020

Mr Saurabh Mengale	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Ms.Jyoti Chinchole	Five Days FDP on "Cloud Computing Using AWS"	3rd June 2020	7th June 2020
Dr. Supriya Kelkar	5 days FDP on "Advancements in IoT"CSI Students Chapter	8th June 2020	12th June 2020
Ms. Jyoti Chinchole	5 days FDP on "Advancements in IoT"CSI Students Chapter	8th June 2020	12th June 2020
Ms. Shilpa Pant	Online non-credit 4 week course authorized by Coursera on Cloud Computing Basics (Cloud 101)	June 2020	June 2020
Dr. Neeta Maitre	5 days Faculty Development Program on "Data Visualization using Tableau"	8 June 2020.	12 June 2020.
Mrs. Nutan Deshmukh	One Week Faculty Development Program On "LaTeX" in association with Spoken Tutorials, IIT Bombay	8th June 2020	13th June 2020
Mrs.Varsha Pimprale	One Week Faculty Development Program On "LaTeX" in association with Spoken Tutorials, IIT Bombay	8th June 2020	13th June 2020
Mrs. Varsha Pimprale	1- week National Level Online Faculty Development Program on "Online Teaching Learning Processes using ICT tools for Education 4.0"Computer Society of India	8th June 2020	13th June 2020
Mrs. Nutan Deshmukh	1- week National Level Online Faculty Development Program on "Online Teaching Learning Processes using ICT tools for Education 4.0"Computer Society of India	8th June 2020	13th June 2020
Dr. Neeta Maitre	5 days FDP on "Artificial Intelligence & Data Science"	10th June 2020	14th June 2020
Ms. Shilpa Pant	3 day STTP on "Digital Transformation"	11th June 2020	13th June 2020

Mrs.Jyoti Chinchole	3 day STTP on "Digital Transformation"	11th June 2020	13th June 2020
Mr. Hitendra Khairnar	One Week online TEQIP workshop on "Next Generation software tools and trends for industrial solution current practices "	13th June 2020	17th Jun 2020
Mrs. Vaishali Salgar	One Week online TEQIP workshop on "Next Generation software tools and trends for industrial solution current practices "	13th June 2020	17th Jun 2020
Ms.Nilofer Kittad	4 Days of FDP Program on "ICT/LMS Tools for Teaching & Learning"	16th June 2020	19th June 2020
Ms.Neha Koria	4 Days of FDP Program on "ICT/LMS Tools for Teaching & Learning"	16th June 2020	19th June 2020
Dr.Sandhya Arora	1-week online faculty development program on "Open Source Learning Management System: Modular Object- Oriented Dynamic Learning Environment (MOODLE)"Spoken Tutorial IIT Bombay	16th June 2020	20th June 2020
Mrs.Vaishali Salgar	6 Week online non-credit course by Coursera "Using Python to Access Web Data"	20 th June 2020	20 th June 2020
Mr. Saurabh Mengale	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020
Mr. Hitendra Khairnar	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020
Ms. Nutan Deshmukh	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020
Mrs.Varsha Pimprale	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020

Mr. Mahendra Deore	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020
Mr.Prakash Date	1-week Faculty Development Program (online) on "Security Issues & Role of Cryptography in Communication"	22nd June 2020	26th June 2020
Mrs.Vaishali Salgar	online non-credit course by Coursera "Build a Simple App in Android Studio with Java"	² 1st Jun 2020	² 1st Jun 2020
Ms.Jyoti Chinchole	5 days Workshop On "Multiprogramming with OpenMP and CUDA"	23rd June 2020	27th June 2020
Mrs Anajali Naik	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Chhaya Gosavi	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Ms.Gitanjalee Salunkhe	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Ms.Jyoti Chinchole	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Meenal Kamalakar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Madhuri Tasgaonkar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs. Nilofer Attar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020

Dr. Neeta Maitre	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Rakhi Dongaonkar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Dr Sandhya Arora	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Dr.Supriya Kelkar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Sheetal Barekar	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Dr. Shubhangi Tikhe	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Mrs.Varsha Pimprale	One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS"	26th June 2020	3rd July 2020
Dr.Shilpa Deshpande	Coursera Online course on "Cloud Computing Basics (Cloud 101)" - 3 weeks	Jun-20	Jun-20

List of FDP organized for Faculty:

	Net	Title of the professional development/ administrative training programs organised for teaching staff (Professional development/		Duration (to)
Sr. No.	No. of participants	administrative training programs)	Duration (from) (DD-MM-YYYY)	(DD-MM- YYYY)
1	42	Machine Learning in the area of Pattern Recognition and Computer Vision	16th Sept. 2019	28th Sept. 2019
2	60	Data Science(PMMMNMT)	2-12-2019	7-12-2019
3	159	Hands-on one week FDP on: Use of Moodle as LMS	26th June 2020	3rd July 2020
4	42	Cyber Security	4th November 2019	9th November 2019
5	16	Excel Efficiency Workshop	17 June 2019	17 June 2019

List of FDP organized for Nonteaching:

Sr. No.	No. of participant s	× 1	Duration (from) (DD- MM-YYYY)	Duration (to) (DD-MM- YYYY)
1	16	Excel Efficiency Workshop	17 June 2019	17 June 2019

15] Research and Development:

College faculty is actively involved in research work, applying for different research grants and consultancy projects. Every year research papers are published in renowned journals and patents are filed based on their research work.

In this academic year the list of research publications, patents published and granted, research grants and consultancy is as follows

A] List of Publications:

1	S. Barekar, M. Mali, C.Gosavi, "Fault Tolerant SRAM Array Structure for Reliability Enhancement Against Failures", Journal of Critical Reviews, vol. 7, pp. 2054-2061, 2020
2	M. Tasgaonkar, M. Khambete, "Red Profile Moments for Hemorrhage Classification in Diabetic Retinal Fundus Images," Pattern Recognition and Image Analysis, vol. 29, no.2, pp.224–229, July 2019.DOI:10.1134/S1054661819020093 (ESCI)
3	S. Bhagwat, P. Mukherji, "Electromyogram (EMG) based fingers movement recognition using sparse filtering of wavelet packet coefficients," Sadhana, Indian Academy of Sciences, vol.45, no.3, pp 775-788, December 2019. DOI:10.1007/s12046-019-1231-9 (SCIE)
4	S. Litake, P. Mukherji, "Integration of Fuzzy Logic and ABC Algorithm for Optimized Network Selection in a Heterogeneous Wireless Environment," International Journal of Sensors, Wireless Communications and Control, vol. 10, no. 2, pp. 248-261, 2020. DOI: 10.2174/2210327909666190401205928 (SCIE)
5	P. Deshpande, P. Mukherji, A. Tavildar, "Accuracy enhancement of biometric recognition using iterative weights optimization algorithm," EURASIP Journal on Information Security, vol. 6, no. 1, pp. 1-16, 2019. DOI:10.1186/s13635-019-0089-z (ESCI)
6	P. Deshpande, P. Mukherji, A. Tavildar, "An accurate hand-based multimodal biometric recognition system with optimized sum rule for higher security applications," International Journal of Biometrics, vol. 11, no. 3, pp. 222-242, 2019. DOI:10.1504/ IJBM.2019.100830 (ESCI)
7	A. Khade, V. Vyas, M. Sutaone, S. Musale, "Transconductance enhancement of a low voltage low power recycling folded cascode OTA using an asymmetrical current split input stage," Microelectronics Journal, vol. 91, pp. 53-60, September 2019. DOI: 10.1016/j.mejo.2019.07.016 (SCIE)
8	Khade, V. Vyas, M. Sutaone, "A technique to enhance the transconductance of micro-power improved recycling folded cascode operational transconductance amplifier with reasonable phase margin," AEU - International Journal of Electronics and Communications, vol. 108, pp. 148-157, August 2019. DOI: 10.1016/j.aeue. 2019.06.026 (SCIE)
9	A. Khade, V. Vyas, M. Sutaone, "Performance enhancement of advanced recycling folded cascode operational transconductance amplifier using an unbalanced biased input stage," Integration, vol-69, pp.242-250, November 2019. DOI: 10.1016/j.vlsi. 2019.04.007 (SCI).
10	H. Marne, P. Mukherji, "Performance Enhancement of Bit Error Rate with Increased Capacity using Modified SIC-MUD for Polar Code based OFDM-IDMA System for

	5G," International Journal of Innovative Technology and Exploring Engineering, vol.
	8, no. 9, pp.192-200, July 2019.ISSN: 2278-3075 (Scopus)
11	H. Marne, P. Mukherji, "Performance Analysis of Polar-Code based OFDM-IDMA
	System for M2M Communication using Taguchi Method," Journal of Advanced
	Research in Dynamical and Control Systems, vol. 11, no. 7, pp. 193-204, September
	2019. ISSN:1943-023X (Scopus)
12	S. Litake, P. Mukherji, "SFP-based vertical handover with MIH services for
	integrated Wi-Fi and WIMAX networks," Int. J. Mobile Network Design and
	Innovation, vol. 9, no. 2, pp. 85-95, 2019. DOI: 10.1504/IJMNDI.2019.105304
	(Scopus)
13	S. T. Mantri, D. D. Patil, P. Agrawal, and V. M. Wadhai, "Real Time Multimodal
	Depression Analysis," Int. J. Innov. Technol. Explor. Eng., vol. 8, no. 9, pp. 2298-
	2304, 2019, doi: 10.35940/ijitee.i8452.078919
14	S. Shekapure and D. D. Patil, "Performance based adaptive personalized elearning
	system," Int. J. Recent Technol. Eng., 2019, doi: 10.35940/ijrte.B3696.078219.
15	G. J. Dharmale and D. D. Patil, "Evaluation of phonetic system for speech
	recognition on smartphone," Int. J. Innov. Technol. Explor. Eng., 2019, doi:
10	10.35940/ ijitee.J1215.0881019.
16	J. H. Borse and D. D. Patil, "A new optimized recurrent feedback deep convolutional
	neural net for image super resolution," Int. J. Recent Technol. Eng., 2019, doi: 10.25040/june C6255.008210
17	10.35940/ijrte.C6255.098319 M. P. Lokhande and D. D. Patil, "Security Threats In M2M Framework Of Iot," Int.
1/	
18	J. Adv. Sci. Technol., vol. 29, no. 8, pp. 1809–1823, 2020. V. Khatavkar, M. Velankar, and P. Kulkarni, "Thematic Context Derivator
10	Algorithm for Enhanced Context Vector Machine: eCVM," Int. J. Eng. Adv.
	Technol., vol. 9, no. 2, pp. 4872–4877, 2019, doi: 10.35940/ijeat.b4564.129219.
19	S. Thombre, L. Patnaik, and A. Tavildar, "Delay and jitter sensitivity analysis with
17	varying TCP fraction for multiplexed internet communications," Int. J. Internet
	Protoc. Technol., vol. 13, no. 2, pp. 61–77, 2020, doi: 10.1504/IJIPT.2020.106297.
20	S. Thombre, L. M. Patnaik, and A. S. Tavildar, "Design and performance analysis of
	link-by-link congestion avoidance algorithm," Int. J. Commun. Networks Distrib.
	Syst., vol. 24, no. 4, pp. 381–408, 2020, doi: 10.1504/IJCNDS.2020.107468.
21	Dr. Dipali Ramdasi, Rohini Mudhalwadkar "Quantitative Detection of Nitro
	Aromatic Explosives using Supervised Learning Access", International Journal of
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B] List of Patent Published:

	Title of the Patent	Inventors (Faculty)	Inventors (Students)	Application No.
1	System and method for Sarcasm detection on Devanagari sentences	Prof. Pranjali Deshpande	 Ms. Pradnya Kandarkar Ms. Radhika Joshi Ms. Riya Tirole Ms. Rafiya Sheikh 	201921001101
2	System For Accessing And Controlling Continuous Passive Motion Machine Remotely And Method Therefor	Prof. Ratnaprabha Borhade	 Ms. Shreeda Ghatpande Ms. Shruti Damle Ms. Disha Datye 	201921007234
3	System And Method For Arthritis Detection	 Dr. Nivedita Daimiwal Dr. Revati Shriram 		201921017750
4	System For Indicating Colour Fading Of Clothes And Method Therefor		Ms. Vaidehi Anil Deoskar	201921023019
5	System And Method For Detection Of Neurodegenerative Disease Using Speech And Body Odor Signatures	Dr. Revathi Shriram	1. Neenu George 2. Shrinidhi Kulkarni 3. Jinu James 4. Sneha Parsewar	201921026258
6	Solar Desalination System	1. Prof. Shridhar Kedar 2. Dr Anand Bewoor		201921032482
7	System For Detecting Unauthorised Use Of Vehicle, And Method Therefor		 Sharayu Borse 2. Prajakta Sudrik 3. Siddhi Bagde 4. Tejal Gujarathi 	201821039355
8	A System And Method For Capturing User Gestures To Interact	Madhuri Tasgaonkar	1. Sakshi Dhokrat, 2. Devina Dhuri, 3. Utkarsha Funde, 4. Prajakta Gawali	201921046578
9	Gas Monitoring And Leakage Alert System	Dr. Ashwini Deshpande		201921047147
10	Astute Footwear Device With	1. Dr. Dhananjay	1. Ms. Akshada Jadhav 2. Ms. Sanchali Jadhav 3.	201921026889

	Integrated Sensors	Bodas 2. Prof.	Ms. Priyanka Inde 4. Ms.		
		Pratima	Ankita Chaudhari 5. Ms.		
	Kulkarni		Akanksha Deshpande 6.		
			Ms. Apurva Zingade		
11	System And Method	Dr. Arvind	1. Ms. Kimaya Badhe 2.	201921030947	
	For Optimization Of	Karandikar	Ms. Kanchan Sarolkar 3.		
	Reading Performance		Ms. Neha Chaudhari 4.		
	Using Character And		ms. Samruddhi Kanhed		
	Fonts				

Patents Granted:

Sr. No.	Title of the Patent	Inventor (Faculty)	Inventor (Student)	Application No.	Date
1	Method and Apparatus for Wireless Sensor Network based Intelligent Framework for Mobile System	Dr. Dipti Patil	-	1259/MUM/ 2011	20 January 2020

C] Research Grants:

Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Governmen t/Non- Government)	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Dr. Anagha Kulkarni	IBM, Indian Sign Language Recognition and Translation using Deep Learning and Natural Language Processing	Non- Government	2019-2020	11.91 Lakhs	2 years
Dr. Malini Bapat	Extraction of silica from rice h.usk.	Non- Government	2019-2020	1.56874 Lakh	1 year
Nilesh.R.Kolh alkar, Co PI Dr. Ajit A. Bhosale	S.P.P.U- ASPIRE(Assistanc e by S.P.P.U for Project based Innovative	Government	2019-2020	3.00 Lakhs	2019-21 (2 Years)

	Research)- Research Mentorship Grant	N			2010 (1)
Dr. Vikram Athalye	Memorial University, Canada	Non- Government	2019-2020		2019 - till date
Dr. Vikram Athalye Prof. Emmanuel Haven	Cambridge University Press UK with Co Author from Memorial University, Canada <u>ehaven@mun.ca</u>	Non- Government	2019-2020	1.25490 lakhs	2019 - till date
Dr. Bageshree Pathak	Centre for Police Research, Pune (Contact details: Dr. Sanjay Tungar, Ph. 9923701967)	Government	2019-2020		1 year
Dr. Megha Borse and Dr. Shubhangi R.Chaudhary	Centre for Police Research, Pune (Contact details: Dr. Dandgaval, Ph. 912025653696)	Government	2019-2020		1 year
Suchitra Morwadkar	CPR	Government	2019-2020		1 year
Dr. Sneha Thombre	CPR	Government	2019-2020		1 year

16] Faculty Achievements:

- Dr. Shubhangi Tikhe and Dr.Anjali Naik are awarded with Ph.D. from Bharat University.
- Dr.Sunita Jahirabadkar and Dr.Sandhya Arora along with Ms.Maitryee Mhasakar published a patent.
- Prof. Pranjali Deshpande published 3 books under Technical Publication.
- Dr. Supriya Kelkar acted as a Session chair at an International Conference held in MIT World Peace University and is also appointed as BOSmember, DoT ,Pune.
- Dr. Sunita Jahirabadkar is a recognized Ph.D. Research Guide (SPPU ,Pune), Academic Research Coordinator for SPPU, Chairman of Panel Member for research proposal seminar presentation (DoT,Pune). She was Paper Reviewer, Session chair, an expert person, Expert speaker at various important conferences.
- Mr.Hitrendra Khairnar and Dr.Sunita Jahirabadkar are nominated as Member, BoS in Engg, Science and Humanities (Sanjivani College of Engineering, Kopargaon).
- Dr. Sandhya Arora appointed as an External Examiner for Ph.D.Thesis at Nagpur University and session Chair in the internationa 1 Conference on IoT (SKNCOE,Pune).
- Dr.Chhaya Gosavi acted as Paper Re v i ewe r, External Examiner for S.Y.M.Tech at VIIT,Pune, PG Guide at DoT, Pune, Judge for poster and model competition at various occasions.
- Dr. Dipti Patil is awarded best professor by Savitribai Phule Pune University, Pune.
- Society for Women Engineers (SWE), USA, has announced the WeLocal 2020 Engaged Advocate Award to Dr. Anagha Kulkarni.
- Prof. Sneha Thombre is awarded best faculty by Computer Society of India (CSI) at TechNext 2019
- Prof. Revati V. Shriram, Prof. Nivedita Daimiwal, Prof. Vaishali Upadhye and Prof. Dipali Ramdasi successfully completed her Doctorate.