



# *Annual Activity Report 2019-20*



## **D. Y. Patil college of Engineering**

Dr. D. Y. Patil Educational Complex, Sector 29, NigdiPradhikaran, Akurdi, Pune, Maharashtra  
Approved by AICTE & DTE, Affiliated to Savitribai Phule Pune University

Accredited by NAAC Grade- A

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## **D. Y. Patil College of Engineering, Akurdi**



Dr. D. Y. Patil Pratisthan's D. Y. Patil College of Engineering was established in 1984 in Pimpri and later shifted to Akurdi campus in 2001, which is in the vicinity of Pimpri Chinchwad industrial area, one of the biggest industrial belts in Asia. The college spreads over 10 acres of land with seven Engineering disciplines. The Institute is approved by AICTE, New Delhi & DTE, Maharashtra and is affiliated to Savitribai Phule Pune University (formerly known as University of Pune). The college has excellent infrastructure with well equipped laboratories. Well qualified, motivated and dedicated faculty members are serving the institute. Students are encouraged to actively participate in National and International level cocurricular and extra-curricular activities. The Institute has well planned boys and girls hostel in the campus with state of art amenities and ultra-modern facilities.

**INSTITUTE CODE :EN6272**

### **Vision**

Empowerment through Knowledge.

### **Mission**

**M1** – To educate the students to transform them as professionally competent and quality conscious engineers

**M2** – To Provide Conducive Environment for Teaching Learning and overall personality development

**M3** – To culminate the Institute into an International seat of excellence

**D. Y. Patil College of Engineering**  
**Akurdi, Pune-44**

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## 1. Governing Body (GB)

Sr. No.	Category	Name of the member	Position in BoG
1.	Trust or Management nominee as per the constitution or bye - laws with the Chairman or President or Director as the Chairperson and other members	Shri. Satej D. Patil	Chairperson
		Dr. Shri. Sanjay D. Patil	Member, Nominee, Trust
		Mrs. Pratima Satej Patil	Member, Nominee, Trust
		Col. S. K. Joshi (Retd.)	Member, Nominee, Trust
		Mr. P. N. Bhalerao	Member, Nominee, Trust
		Shri. B.D.Kotkar	Member, Nominee, Educationist
		Dr. P. K. Sinha	Member, Nominee, Research
2.	Teachers of the College Nominated by the Principal based on seniority by rotation	Dr. P. T. Nitnaware	Member, Nominee, Faculty
		Dr. M.A. Potey	Member, Nominee, Faculty
3.	Member nominated by the DTE	Member, Nominee, DTE	Member, Nominee, DTE
4.	Member Nominated by the AICTE	Member, Nominee, AICTE	Member, Nominee, AICTE
5.	Member (Nominee, Savitribai Phule Pune University, Pune)	Dr. Y. P. Nerkar	Member, Nominee, SPPU
6.	Principal of the College	Dr. V. M. Wadhai	Member Secretary

## 2. College Development Committee (CDC)

Sr. No.	Description of member	Designation of member	Name of the member
1.	Chairman	Chairman	Shri Satej D. Patil
2.	Secretary	Secretary	Shri Shripad S. Dharangutti
3.	Head of Department	Member	Dr. Dilip G Khairnar
4.	Teachers	Member	Dr. Abhijeet Patankar
5.		Member	Dr. Sachin Mane
6.		Member – Women	Dr. Mrs. Madhuri A Potey
7.	Non-teaching	Member	Mr. Avinash Thorat
8.	Local Members	Member – Education	Mr. B.D. Kotkar
9.		Member – Industry	Mr. Darshan Wale (Alumnus)
10.		Member – Research	Dr. M. S. Randive
11.		Member – Social Service	Dr. Nilangi Sardeshpnade
12.	Co-ordinator IQAC	Member	Dr. Mrs. P Malathi
13.	College Students’	Member – President	Yet to be elected
14.	Council	Member – Secretary	Yet to be elected
15.	Member Secretary	Principal	Dr. Vijay M. Wadhai

### 3. Internal Quality Assurance Cell (IQAC)

Sr No	Name	Designation	Position
1	Col. S K Joshi (Retd.)	Campus Director	Management Representative
2	Dr. Vijay M Wadhai	Principal	Chairperson
3	Dr. Mrs. P. Malathi	Vice-Principal	Coordinator
4	Mr. Prashant Bhalerao	Registrar	Administrative office Representative
5	Dr. Vinay A. Kulkarni	NAAC Coordinator	Member
6	Dr. Madhuri A Potey	HoD Computer Engg.	Member
7	Dr. Mrs. Preeti Patil	HoD Information Technology	Member
8	Dr. B B. Musmade	HoD Instru& Control	Member
9	Dr. Vijaykumar Jatti	Faculty	Member
10	Mrs. Shanthi .K Guru	Faculty	Member
11	Mr. Pradnesh R. Padave	Faculty	Member
12	Dr. Amit D. Andre	Alumni Representative	Member
13	Mr. Tanmay Mehta	Employer Representative	Member
14	Mr. Nikhil Deshmukh	Alumni Representative	Member

#### 4. Intake and Enrollment of First Year Students

Programme name	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
			SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
Computer Engineering (UG)	120	120	12	7	29	0	48	24	9	1	23	0
Information Technology (UG)	120	119	12	7	29	0	48	24	10	1	38	0
Electronics & Telecommunication (UG)	120	114	12	7	29	0	48	24	9	0	28	0
Instrumentation Engineering (UG)	60	54	6	3	15	0	24	12	9	0	17	0
Mechanical Engineering (UG) – first shift	120	94	12	7	29	0	48	24	11	2	20	0
Mechanical Engineering (UG)	60	52	6	3	15	0	24	12	6	2	18	0
Civil Engineering (UG) – first shift	120	107	12	7	29	0	48	24	10	6	28	0
Civil Engineering (UG) – Second shift	60	49	6	3	15	0	24	12	5	5	14	0
Production	60	18	6	3	15	0	24	12	2	0	5	0

Engineering s/w (UG)												
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### 5. Summary of Graduating Students with percentage students passing

Sr No	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
1	627261210	BE Mechanical Engineering (UG) – First shift	138	114
2	627261220	BE Mechanical Engineering (UG) – Second shift	67	49
3	627224510	Computer Engineering (UG)	154	152
4	627224610	Information Technology (UG)	123	123
5	627237210	Electronics & Telecommunication (UG)	129	112
6	627246610	Instrumentation Engineering (UG)	57	57
7	627262610	Production Engineering s/w (UG)	65	65
8	627219110	Civil Engineering (UG) – First Shift	145	144
9	627219120	Civil Engineering (UG) – Second Shift	61	59
<b>Total</b>			<b>939</b>	<b>875</b>



## 6. Student Co-curricular and Extra Curricular Activities

### A. Co-curricular activities

Sr No	Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	International webinar “Education 4.0” organized by IQAC cell D.Y.Patil College of Engineering, Akurdi Pune from 5th may to 11th may 2020	15-02-20 to 23-02-20	10	10
2	Coursesra -Successful Negotiation: Essential Strategies and Skills	15-05-2020	1	1
3	Coursesra –Digital Manufacturing and Design	19-05-2020	1	1
4	Coursesra –Speak English Professionally: In Person, Online	16-04-2020	1	1
5	Online Course on Logistics and Supply Chains-Fundamentals, Design Operations, Operational Excellence Training, Instructor &Udemy	28-04-2020	1	1
6	STTP On Introduction to FEA & its application using ANSYS	1-10-2019 to 04-10-2019	9	9
7	RPA	2 Months	350	350
8	CYBER SECURITY	2 Months	120	120
9	Programming basics using C and C++	10 Days	20	20
10	Udemy Python	1 Hour	1	1
11	JLTP			
12	Hypermesh	50	20	18
13	Inhouse Language Lab Team - Softskill	60 Hrs	980	980
14	Ethnus Campus level training	80 Hrs	182	182
15	Campus Credential	80 Hrs	214	214
16	NPTEL Certification	7 Months	96	96
17	E Learning Program on Basic Metallurgy (TATA Steel)	3 Days	1	1
18	E Learning Program on Compresor (TATA Steel)	3 Days	1	1
19	TCS ION Online Course	3 Days	1	1

20	Programming for everybody-online	3 Days	1	1
21	E-Learning Programm on Fan & Blower (TATA Steel)	3 Days	1	1
22	E-Learning Programm on Heat Treatment of Steel (TATA Steel)	3 Days	2	2
23	E-Learning Programm on Industry 4.0 (TATA Steel)	3 Days	1	1
24	E-Learning Programm on Basic TQM (TATA Steel)	3 Days	1	1
25	EthicalEDU-Android App Development	2Days	1	1
26	Udemy-web development masterclass	1day	1	1
27	M-university Michigan-python to access web data	1day	1	1
28	udemy-learn linux in 5 days	1day	1	1
29	udemy-practical ethical hacking	1day	1	1
30	udemy- web development bootcamp	1day	1	1
31	udemy- learn python basics of programming	1day	1	1
32	udemy- Machine learning	1day	1	1
33	udemy- Android Development	1day	1	1
34	Udacity-full stack developer	1day	2	2
35	udemy- web designer	1day	1	1
36	TCS icon-career edge knockdown and lockdown	17days	3	3
37	sololearn-SQL fundamental	1day	1	1
38	UCDAVIS-SQL for datascience	1day	1	1
39	sololearn-c++ tutorial course	1day	2	2
40	learning weekend-python lesson	3Days	2	2
41	Udacity-java tutorial for complete beginner	1day	1	1
42	Udacity-python A-Z tm	1day	1	1
43	sololearn-python3	1day	10	10
44	Udacity-python for penetration tester	1day	1	1
45	coursera-programming for everybody(python)	1day	8	7
46	courseera-python DS	1day	4	4
47	udemy- python for beginners	1day	1	1
48	NPTEL-programming datastructure and algorithm using python	6 month	1	1
49	NPTEL- programming in java	4 month	2	2
50	NPTEL- programming in c++	4 month	2	2
51	learning weekend-java course	3Days	1	1
52	sololearn-php	1day	1	1

53	Microsoft-introduction to programming using Java	1day	2	2
54	Skill india-python programming	1day	1	1
55	sololearn-javascript tutorial	1day	1	1
56	coursera-interactivity with JS	1day	1	1
57	sololearn-java tutorial course	1day	3	3
58	DYP-Education4.0	5 Day	1	1
59	TCS icon-interview skilla	1days	1	1
60	ICSI-network security specialist	1days	1	1
61	sololearn- HTML	1day	1	1
62	sololearn- HTML fundamentals	1day	3	3
63	pirple-frontend fundamentals	1day	2	2
64	reaktor-elements of AI	1day	1	1
65	Academy-learn burp suite	1day	1	1
66	Progate- javascript lesson	1day	1	1
67	Edu fabrica-Android app development	1day	1	1
68	Aws-Machine learning	1day	1	1
69	coursera- bits and bytes computer networking	1day	1	1
70	coursera- Front end web UI framework	1day	2	2
71	sololearn-c tutorial course	1day	3	3
72	udemy- c programming with real world experience	1day	1	1
73	Google EMEA-digital marketing	1day	3	3
74	courseera- python data structure	1day	2	2
75	courseera- python for everybody	1day	1	1
76	coursera- ML for business professionals	1day	1	1
77	coursera- ML	1day	1	1
78	coursera- what is Data science	1day	1	1
79	coursera- python to access web data	1day	1	1
80	coursera- python Basic	1day	1	1
81	dell-AI	120 hours	1	1

## B. Extra Curricular Activities

Sr. No	Name of the award/ medal	Team / Individual	University / State / National / International	Sports / Cultural	Name of the student
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1	Best Actor at SimbiosisKarandak	Team	State	Cultural	Kunal Rashinkar
2	Purushottam Karandak Drama Competition Best Actor	Team	State	Cultural	Kunal Rashinkar
3	Best Music	Team	National	Cultural	Mayur Gaikwad
4	SAE BAJA - 1st mBAJA	Team	National	Sports	Prithviraj Shinde
5	"FirodiyaKarandak 2019" : Multi Arts Competition	Team	State Level	Cultural	PriyushSomvanshi
6	TEAM PREDATORS RACING - Winner Acceleartion Award	Team	National	Sports	Team
7	TEAM PREDATORS RACING - Winner Raftar Award	Team	National	Sports	Team
8	TEAM PREDATORS RACING - Overall Winner	Team	National	Sports	Team
9	TEAM PREDATORS RACING - Winner CAE Award	Team	National	Sports	Team
10	Bristol County State Champion (In Cricket)	Individual	National	Cultural	Aditya Vispute
11	3rd Position at DYPIEMR INNOVATION 2k19	Individual	University Level	Cultural	Prathmesh Gardi

## 7. Extension, Outreach Programs and National Service Scheme(NSS) activities

Sr No	Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme
1	Winter camp for 7 days	National Service Scheme, DYPCOE	NSS
2	DrishTI Contest	Texas Instruments	NSS
3	Social Activity PC awareness and importance of education	Information Technology Department	NSS
4	Free Eye Check-up	Information Technology Department	NSS
5	International Webinar on Microbial Induced Calcite Precipitation (BioCement):	DYPCOE /EnBioConcrete, USA	NSS
6	Students volunteer program	Pune Construction Engineering Research Foundation	NSS
7	COVID-19 Samadhan MHRD Mega Innovation Challenge	AICTE – MHRD	MHRD SAMADHAN
8	Samadhan challenge to fight the COVID-19 and future challenges	AICTE – MHRD	MHRD SAMADHAN
9	Live webinar on Solar Energy	Energy Swaraj Foundation	Solar Diya (Swachh Bharat Abhiyan)
10	Swachh Bharat Abhiyan	Railway Authority of Akurdi	NSS

## 8. Training and Placement

Sr. No.	Branch	No. of Students	No. of Eligible Students	No. of Students Placed	Higher Studies	Entrepreneurship	Placement % (wrtIntake )	Placement % (wrtEligibility )
1	Computer	162	142	133	5	8	90	94
2	IT	131	111	113	3	2	90	102
3	E&TC	126	124	84	4	2	71	68
4	Instrumentation	61	49	47	2	1	82	96
5	Mechanical	213	179	134	43	4	85	75
6	Production	69	68	42	4	4	72	62
7	Civil	212	139	86	27	23	64	62
<b>Total</b>		<b>974</b>	<b>812</b>	<b>639</b>	<b>88</b>	<b>44</b>	<b>79</b>	<b>79</b>

## 9. Industry Interaction (MoU)

<b>Si. No.</b>	<b>Name of the MOU Collaboration / linkage</b>	<b>Name of the collaborating agency / institution /industry / corporate house with whom the MOU / collaboration / linkage is made, with contact details</b>	<b>Start date of signing MOU / collaboration / linkage</b>	<b>End date of MOU / collaboration / linkage</b>	<b>List of the actual activities under each MOU</b>
1.	Expert lecture MOU	VINSYS IT Services Pune	23-07-2019	Till date	Expert Talk on “Role of an Engineer: A 360 degree approach”
2.	Training MOU	IFS Academy ( Bentley Education)	07-02-2019	Till date	STAAD Pro training session for BE students
3.	Student's Project MOU	Construction Diagnostic Centre Pvt. Ltd.	07-09-2019	Till date	Technical sponsorship for final year students
4.	Student's Project MOU	Waingade Enviro & Agri Solutions, Pimpri	10-07-2019	Till date	Stack monitoring
5.	Expert lecture MOU	ContrologixEngg& Research Services	22-08-2019	Till date	Visit for Project Experimentation
6.	Training MOU	Hitesh Lahoti & Associates	30-01-2020	Till date	Software training on STAAD Pro for BE students

## 10. Alumnae Association and Activities

- AICTE –ISTE sponsored FOP Contemporary AI –Applications in Healthcare is organized by Computer Engg department ,Mr. Suraj Kumar,ResearchAssistant,IIT Bombay(Alumni Computer Engg Batch 2015) invited as expert for session on “Machine Learning for Healthcare” on 7th – 12th Dec 2020.
- Session on “Your DOST NGO” is organized by IT deprtement with the support of Ms.RaashiThakran (Alumni IT batch 2019) Executive at Your DOST NGO on 22<sup>nd</sup> June 2020.



## 11. Library

Mission statement of the college emphasizes the creation of conducive environment for teaching, learning and over all personality development. Library has an important role to play in ensuring such a conducive environment. Library was established in the year 1984. It has come a long way since then. The ambience of Library provides pleasant and quiet atmosphere for studies. Inside campus the Library is located at a place that is convenient to students of all branches. Self-development and learning starts from a student's mind. Keeping the same in mind our libraries have been designed to provide a conducive atmosphere to our students.

Library is enriched with wide variety of books, well equipped with modern facilities and resources in the form of books, e-journals, CD-ROMs etc. Open access system is followed hence the Library is truly becoming the knowledge seeker's hub. Library has been continuously enhancing and improving its facilities. Library is actively engaged in broadening the knowledge resources needed for high quality education. The Library homepage will provide electronic access to various e-journals.

SUMMARY OF LIBRARY DETAILS	
Volumes	39657
Titles	14521
E-Books	5116
E-Journals	4545
Magazines	2
Newspapers	12
CDs/DVDs	1929
Digital Library facility	Yes
Library Automation with LMS	Yes
Reprographic Service	Yes
Barcoding	Yes
Library networking facility	Yes
Library website	Yes
Total Cost of Books(INR)	1,83,97,583/-

Total Cost of Furniture (INR)	40,79,011/-
Total CCTV in Library	12
Total Racks in Library	160
Number of Seats in reading room	160

### **Branch wise Library Collection -**

<b>Program</b>	<b>Number of Titles</b>	<b>Total</b>	<b>Number of Volumes</b>	<b>Total</b>
<b><u>Civil Engineering Department</u></b>	2076	2240	4342	4725
ME - Construction Management	103		237	
ME -Environmental Engineering	61		146	
<b><u>Computer Engineering Department</u></b>	1651	1833	4979	5639
ME -Computer Engineering	182		660	
<b><u>Information Technology Department</u></b>	625	625	4906	4906
<b><u>Elect.&amp; Telecommunication Department</u></b>	1562	1705	6257	6580
ME -VLSI & Embedded systems	101		212	
ME -Communication Networks	42		111	
<b><u>Instrumentation Engineering Department</u></b>	1620	1620	2106	2106
<b><u>Production Engineering Department</u></b>	438	705	1621	2138
ME – Manufacturing and Automation	267		517	
<b><u>Mechanical Engineering Department</u></b>	2532	2765	6496	7072
ME - Machine Design	201		494	
ME - Heat Power	32		82	
App. Sci. & Others	3028	3028	6466	6491
<b>Total</b>		<b>14521</b>		<b>39657</b>

#### **4.2.1.b - Year wise Books Purchasing Details:**

Year	New Volumes
2019 - 2020	119
Total Amount (INR)	Donated books

- **Year wise expenditure on E-resources**

Sr.No.	Year	No. of E-Journals	Amount (INR)	Name of the database
1	2019-2020	4545	1,98,240/-	Knimbus

- **Print Magazine Addition Details-**

Sr.No.	Year	No. of Print Magazines	Amount (INR)
1	2019-2020	02	3,588/-

- **Other Subscription Details-**

Sr.No.	Year	Other Subscription	Amount(INR)
1.	2019-2020	NDL	-

- **Available E-resources—**

Sr. No.	Name of the Database / Resources
1	Knimbus
2	NDL
3	NPTEL
4	SWAYAM
5	Library Website
6	Library OPAC

#### **4.2.1.d - Other Activities conducted by central Library during 2019-20**

<b>Sr.No.</b>	<b>Name of the Activity</b>	<b>Date</b>
1.	Marathi Bhasha Gaurav Din	27/02/2020
2.	Celebration of Marathi BhashaSanvardhanPandharwada by having Marathi book exhibition.	14/01/2020
3.	- Celebration of BhartiyaSanvidhan Din by reading preamble of the constitution of India by students and faculty and paid tribute to the father of Indian constitution Dr. BabasahebAmbedkar - Live session arranged in digital Library for students and staff which was addressed by Hon. Prime Minister of India at Central Hall, Parliament House	26/11/2019
4.	Book exhibition on Reading Inspiration Day and Library best reader award on VachanPrerana Din	15/10/2019
5.	Library Orientation Programme	16/09/2019

## 12. Professional Development Activities for staff

List of teaching faculty and non-teaching staff participating in Faculty Development Programs (FDP), Short Term Training Program (STTP), Management Development Programs (MDPs) professional development /administrative training programs, Staff Development Program (SDP).

SR. No	Name of Participants	Title of the FDP/MDP/Professional development/Admin training Program	Duration (from – to) (DD-MM-YYYY)
1.	Dr. P. Malathi	FDP on Website development and SEO	24th and 25th Jan 2020
		2 weeks FDP on Pedagogical OBE	04/11/2018 15/11/2019
2.	Dr. D. G. Khairnar	FDP on Product Design & Novelty	06/06/2020- 10/06/2020
3.	Mrs. K. M. Jadhav	8 Weeks International MOOCs FDP on Creating Open source Cloud based Gnomio Moodle of your own subject for OBE	15/04/2019 to 10/06/2015
4.	M. M. Karad	Faculty orientation workshop FE revised syllabus 2019 Course	22-Jul-19
		Innovative optimisation technology in research	7/10/2019 to 12/10/2019
		8 Weeks International MOOCs FDP on Creating Open source Cloud based Gnomio Moodle of your own subject for OBE	15/04/2019 to 10/06/2015
5.	Mrs. A. S. Shinde	8 Weeks International MOOCs FDP on Creating Open source Cloud based Gnomio Moodle of your own subject for OBE	June 11, 2019 to August 12, 2019
		Three weeks WhatsApp OBE FDP	24/03/2020- 14/04/2020
		FDP on Latex	27 April to 2 May 2020
6.	Mrs. Usha Jadhav	International FDP on PO 7- Environment and sustainability	01/05/2020- 31/05/2020
		Artificial Intelligence	18-05-2020 to 22-05-2020
		IITB spoken tutorial workshop/FDP on LaTeX	27 April to 02nd May 2020
7.	Mrs. Trupti Wagh	One week online FDP on INKSCAPE organized by AISSMS-IOIT, Pune	4th May 2020 to 8th May 2020

		International FDP on PO 7- Environment and sustainability	01/05/2020-31/05/2020
8.	Mrs. Sayali Mane	Virtual Lab Outreach Workshop	27-Jun-20
		One week Online Faculty Development Programe on "eSIM"Y.B.Patil Polytechnic Pune in association with IIT Bombay Spoken-Tutorial.	26/5/2020 to 30/5/2020
9.	Mrs.Manisha Rajput	One week online FDP on Drupal organized by AISSMS-IOIT, Pune	4th May 2020 to 8th May 2020
		FDP on "eSIM"Y.B.Patil Polytechnic Pune in association with IIT Bombay Spoken-Tutorial.	26/5/2020 to 30/5/2020
10.	Mrs. V. M. Lakshe (Bagal)	Innovative Optimization Techniques in Research	07/10/2019 to 12/10/2019
		One week Online Faculty Development Programe on "eSIM"Y.B.Patil Polytechnic Pune in association with IIT Bombay Spoken-Tutorial.	26/5/2020 to 30/5/2020
		online FDP on Scilab organized by SBJITMR, Nagpur.	04/05/2020-09/05/2020
11.	Mrs. Swati Aswale	Tools for Online Teaching Learning Process	20th April-17th May 2020
		IITB spoken tutorial workshop/FDP on Python 3.4.3	20/04/2020-25/04/2020
12.	Mrs. Shilpa Jagtap	Two Week FDP on "E-Learning Resource Creation- A Beginning Towards New Era of E-Learning"	08/06/2020-20/06/2020
		IITB spoken tutorial workshop/FDP on Python 3.4.3	20/04/2020-25/04/2020
		FDP on "Imparting OBE in professioal education"	04/11/2019 to 15/11/2019
13.	Mrs. Shaliaja Yadav	FDP on Machine Learning using Raspberry Pi	13/06/2019 to 17/06/2019
		8Weeks International FDP on Creating Open Source Cloud based Gnomio Moodle of Your Own Subject for OBE	15/04/2019 to 10/06/2015
14.	Mrs. Snehal Gaikwad	Tools for Online Teaching Learning Process	20th April-17th May 2020
		One Week Online Faculty Development Program on Scilab	4th to 9th May 2020
15.	Mr. Yogesh Shirke	Faculty Development Programn on Cyber Security	10 June - 16 June 2019

		two weeks AICTE Sponsored Faculty Development Program (FDP) Imparting Outcome Based Education (OBE) in Professional Education: Objectives, Best Practices and Measurement of Outcomes	04/11/2019 to 15/11/2019
		Faculty Development Program on "Innovative Optimization Techniques in Research"	07th Oct 2019 to 12th Oct 2019
16.	Mr. Prabhu Reddy	One Week Faculty Development Program on GREEN MANUFACTURING : THE PRESENT & THE FUTURE	15th -20th May, 2020
		Faculty orientation workshop FE revised syllabus 2019 Course	22-Jul-19
17.	Mr. Prashant Titare	Faculty Awareness program on NAAC Accreditation	10/5/2020 to 15/5/2020
		Learning Pedagogy and effective use of Case Methodology	17/5/2020 to 21/5/2020
18.	Ms. Swati Jadhav	WhatsApp Outcome Based Education Faculty Development Program	March 24 to April 14, 2020
		Five days National Level FDP on Research and Application Perspective of AI	21/12/2020 to 25/12/2020
19.	Dr.Manish Sharma	FDP on Machine Learning using Raspberry Pi	13/06/2019 to 17/06/2019
20.	Dr. Preeti Patil	Python for Data Science	1/8/2019 to 1/9/2019
		Patent Drafting for Beginners	1/1/ 2020 to 1/2/2020
21.	Mr. A. J. Patankar	Cyber Security and Data Science	8/7/2019 to 13/07/2019
		Introduction to Network Security	26/06/2019 to 28/6/2019
22.	Ms. Aarti Gaikwad	Introduction to Forensic Science and Digital & Cyber Forensics	15/5/2020 to 19/5/2020
		International E symposium for research, innovation and entrepreneurship	15/05/2020 to 17/05/2020
23.	Mr. K. D. Bamane	Spoken Tutorial Project	20/4/2020 to 25/4/2020
24.	Ms. Amita Jao	Cyber Security and Data science	17/06/2019 to 22/06/2019
		Two weeks Pedagogical Faculty Development Program	04/11/2019 to 15/11/2019
25.	Ms Himani Patel	8 weeks International MOOCs FDP	15/04/2019 to 10/06/2019

		One week Faculty Development Program on R programming	04/05/2020 to 09/05/2020
26.	Mrs Madhuri Gurale	One week National faculty development program and Online training on LATEX	27/04/2020 to 02/05/2020
		”BOSS Linux 3.4.2 Operating System”	25/04/2020 to 1/05/2020
27.	Ms Rajashree S	International E symposium for research, innovation and entrepreneurship	15/05/2020 to 17/05/2020
		Deep Learning applications using IoT for Engineering and Science	24/5/2021 to 29/5/2021
28.	Mr Ashish Saxena	Introduction to Forensic Science and Digital & Cyber Forensics	15/5/2020 to 19/5/2020
		Robotic Process Automation	-
29.	Mr Bhushan Nanche	Cyber Security and Data Sciences by PMMMNMTT	10/06/2019 to 16/06/2019
30.	Mrs Krutika Bang	Python 3.4.3	20/4/2020 to 25/4/2020
		CS101.1x: Programming Basics	14/8/2019 to 24/12/2019
31.	Ms. ParvatiBhadre	Python 3.4.3	20/4/2020 to 25/4/2020
		CS101.1x: Programming Basics	14/8/2019 to 24/12/2019
32.	Mr. Vinod Mane	Programming for everybody	23/5/2020
		Education 4.0	5/05/2020 to 11/05/2020
33.	Ms Shraddha Shelar	International E symposium for research, innovation and entrepreneurship	15/05/2020 to 17/05/2020
		Introduction to Forensic Science and Digital & Cyber Forensics	15/5/2020 to 19/5/2020
34.	Mr Gajanan Bhabhulkar	Advance Trends and Practices in IT	8/12/2020 to 12/12/2020
35.	Ms Deepali Rane	Introduction to Forensic Science and Digital & Cyber Forensics	15/5/2020 to 19/5/2020
		International E symposium for research, innovation and entrepreneurship	15/05/2020 to 17/05/2020
36.	Ms. PranjaliYadav	International webinar on education 4.o	05/05/2020 to 11/05/2020
		“Moodle Learning Management System”	12/05/2020 to 17/05/2020.
37.	Ms Ashwini Abhale	Birlasoft	Aug-Sept 2020
38.	Ms. SonamPatil	Introduction to Operating Systems	Jul-Sept 2019
39.	Ms Vishnupriya S	Spoken Tutorial Project	20/4/2020 to 25/4/2020



40.	Dr. B. B. Musmade	International e Symopsium for Research, Innovation & Entrepreneurship	15/05/2020 to 17/05/2020
		International Webinar: Education 4.0	5/05/2020 to 11/05/2020
41.	Mr. V. S. Vibhute	Python 3.4.3	20/04/2020 to 25/04/2020
		FDP on SCILAB	04/05/2020 to 08/05/2020
42.	Mr. N. V. Mane	International Webinar: Education 4.0	5/05/2020 to 11/05/2020
		International e Symopsium for Research, Innovation & Entrepreneurship	15/05/2020 to 17/05/2020
43.	Ms. R. R. Sangitrao	eSIM	26/05/2020 to 30/05/2020
		International e Symopsium for Research, Innovation & Entrepreneurship	15/5/2020 to 17/5/2020
44.	Mrs. A. A. Utikar	Whatsapp OBE FDP	24/03/2020 to 14/04/2020
		International e Symopsium for Research, Innovation & Entrepreneurship	15/05/2020 to 17/05/2020
45.	Mrs. V. V. Yerande	Environment and Sustainability	1/5/20 to 31/5/20
		Whatsapp OBE FDP	24/03/2020 to 14/04/2020
46.	Mrs. A. R. Kesti	International Webinar: Education 4.0	5/05/2020 to 11/05/2020
		AICTE online course on Examination Reforms	29/04/2020 to 2/05/2020
47.	Mrs. R. A. Deshpande	Spoken Tutorial FDP on Moodle Management System	1 May to 6 th May 2020
		Introduction of Accreditation Mechanism and NBA Approach	11 May to 15 May 2020
48.	Dr. Ashok More	International e Symposium on Research, Innovation and Entrepreneurship 2020	15-17 May 2020
49.	Dr. Basavraj Balpgol	Edu CM 4.0 Construction Managment Aspects	29-31 May 2020
50.	Dr. Sandeep Shiyekar	International e-symposium for research, Innovation and Entrepreneurship	15-17 MAY 2020
51.	Dr. Narendra Jain	Edu CM 4.0 Construction Managment Aspects	29-31 May 2020
52.	Mrs. Smita Pataskar	International Webinar: Education 4.0	5-11 May 2020
53.	Mr S. J Mane	Attended FDP on "PHYTHON 3.4.3" organised by RMD Sinhgad, Warje from 20/04/2020-25/05/2020	20/04/2020-25/05/2020

54.	Dr.Saswati Datta	Edu CM 4.0 Construction Managment Aspects	29-31 May 2020
55.	Dr. Tushar Bagul	Innovative optimisation techniques in Research	7-12 OCt 2019
56.	Mr. Sudhanshu Pathak	Innovative optimisation techniques in Research	7-12 OCt 2019
57.	Mr. Mukund Chougale	Recent innovation in Automation & Mechatronics	30 Sep-5th Ocy 2019
58.	Mrs. Sneha Sawant	STP Shaping the future if Construction Practices	23-28 December 2019
59.	Mr. Viraj Kashikar	Edu CM 4.0 Construction Managment Aspects	29-31 May 2020
60.	Arati Hiremath	Edu CM 4.0 Construction Managment Aspects	29-31 May 2020
61.	Mrs.Ashwini Patil	Cyber Security	10-16th June 2019
62.	Mrs. Savita V. Jatti	Exploring Research challenges and opportunities in Scince and technology	27-29 May 2020
63.	Ms. Subhashini Ramteke	Innovative optimisation techniques in Research	7-12 OCt 2019
64.	Ms. Rohini Khandelwal	Formwork Desing and Safety Aspects	22-26 May 2020
65.	Mr. Rajvardhan Patil	Innovative optimisation techniques in Research	7-12 OCt 2019
66.	Akash Charbe	Research, Funding Projects & IPR	7th - 10th May, 2020
67.	Savita Magdum	Research, Funding Projects & IPR	7th - 10th May, 2020
68.	Mrs. SharmishtaChakroborty	Innovative optimisation techniques in Research	7-12 OCt 2019
69.	Mrs. Aradhana Chavan	Webinar On Education 4.0	5-11 May 2020
70.	BhagyashriPardeshi	Research, Funding Projects & IPR	7th - 10th May, 2020
71.	Mr. Hardik Mandve	Recent innovation in Automation & Mechatronics	30 Sep-5th Oct 2019
72.	Sagar Katawa	Research, Funding Projects & IPR	7th - 10th May, 2020
73.	Mrs. Supriya Patil	STP Shaping the future if Construction Practices	23-28 December 2019
74.	Mr. Mahesh Tatikonda	Innovative optimisation techniques in Research	7-12 OCt 2019
75.	Mr. Sunil Payghan	Edu CM 4.0	29-31 May 2020
76.	Kailash Birajdar	Research, Funding Projects & IPR	7th - 10th May, 2020
77.	Mr. Avdhut Kulkarni	STP Shaping the future if Construction Practices	23-28

			December 2019
78.	Mrs. Prital Kalasur	Innovative optimisation techniques in Research	7-12 Oct 2019
79.	Dr. N. K. Kamble	Imparting Outcome based Education (OBE) in objective Best Practices and Measurement of Outcomes	04/11/2019 to 15/11/2019
		Innovative Optimization Technique in Research	7/10/2019 to 12/10/2019
80.	Mr. P. R. Padave	“ICT Tools for Teaching, Learning Process and Institute	10th to 21st August, 2020 (12 Days)
		“R Programming Language”	April 28 to May 04, 2020 (8 Days)
81.	Mr. N. M. Mahajan	International e - symposium for research, innovation and Entrepreneurship	15/5/2020 to 17/5/2020
		Innovative optimization techniques in research	7/10/2019 to 12/10/2019
82.	Mr. R. P. Jadhav	Education 4.0 organised by Internal Quality Assurance Cell	05/05/2020 to 11/05/2020
		International e - symposium for research, innovation and Entrepreneurship	15/5/2020 to 17/5/2020
83.	MR Y. G. Kamble	International e - symposium for research, innovation and Entrepreneurship	15/5/2020 to 17/5/2021
		One Day Workshop on Linux	23/08/2019
84.	Mr. Vijay Dhembre	FDP on BOSS Linux 3.4.2 operating system	25/4/2020 to 1/5/2020
		Education 4.0	5/5/2020 to 11/5/2020
85.	Mr. J. M. Khade	International e - symposium for research, innovation and Entrepreneurship	15/5/2020 to 17/5/2021
86.	Mr. M. N. Mathapati	“R Programming Language”	April 28 to May 04, 2020 (8 Days)
87.	Dr. G. K. Jadhav	Innovative optimization techniques in research	7/10/2019 to 12/10/2019
88.	Dr. Pravin Tukaram Nitnaware	Whatsapp Outcome based Education Faculty Development Programme	7th to 14th April 2020
		Role of Engineer in uplifting the Industry post COVID-19 lockdown in India	18 May 2020
		Workshop on Education 4.0	28-30th April 2020

		NPTEL course on Concepts of Thermodynamics	Jul-Oct2019
		Heat Transfer applications of Interdisciplinary Advancements	16-21 Sep 2019
		FPD (8 Weeks) International MOOCs	15th April to 10th June 2019
89.	Mr.Sanjay R Deodas	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
90.	Dr. S SSarnobat	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
91.	Dr.Tapobrata Dey	Innovative Optimization Techniques in Research	Oct 07th 2019 to Oct 12th 2019
		Two Weeks Pedagogical FDP	November 04 - 15, 2019
		One Week FDP "Recent innovation in automation and mechatronics "	30 Sept-04 Oct, 2019
		Advances in Tribology	4 to 9 November 2019
92.	Dr. V S Jatti	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
93.	Mr. Arun Kumar Battu	one week FDP on "Whatsapp Outcome Based Education"	7th to 14th April 2020
		AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
94.	Mrs Dhamale Swati Krishnakumar	One week FDP on "Innovative Optimization Techniques in Research	7th to 12th Oct 2019
		One Week STTP on Recent Innovations in Automation and Mecharonics"	30th Sep to 5th Oct 2019
		Seven Days Workshop on Electric Vehicles	15/7/2019-22/7/2019
		One week FDP on spoken Tutorial technology	18/5/2020-22/5/2020
		One week FDP on OpenFoam	11/5/2020-

			16/5/2020
		one week FDP on "Whatsapp Outcome Based Education"	7th to 14th April 2020
		International FDP on Environment & Sustainability	1/5/2020-31/5/2020
95.	Mr. Nilesh Ramchandra Pawar	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
96.	Mr. S. V. Ghogardare	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
97.	Mr. Santosh Kumar Bawage	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
98.	Mr. Ravindra Sadashiv Lahane	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
99.	Mr. Samadhan Dattatray Bhosale	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
100.	Mr. Marjapure Sachin Dhanraj	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
101.	Mr. Vaibhav Vitthal Phule	One Week Online Faculty Development Program Entitled on "Python 3.4.3"	29th April 2020 to 4th May 2020.
		One Week STTP on Recent Innovations in Automation and Mechatronics	30th Sep to 5th Oct 2019
		AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
		Three week FDP on "Whatsapp Outcome Based Education"	24th March to 14th April 2020
		Recent Advances in Health 5.0 in line with NEP	22nd to 26th

		2020	March 2020
		One week FDP on "Innovative Optimization Techniques in Research"	7th to 12th Oct 2019
102.	Mr. Sunil Subrao Patil	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
103.	Mr. Ajay Kumar Pathak	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
104.	Mr.SushantSunilkumar Patil	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
105.	Mr. Laxman Pandurang Khose	one week FDP on "Whatsapp Outcome Based Education"	7th to 14th April 2020
		STTP on Patenting for Innovations	25-29 May 2020
		NPTEL Course on Ethics in Engineering Practice	Aug to Oct 2019
106.	Mr. Rahul Sitaram Ralebhat	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
107.	Mr. ShyamsingVijaysing Thakur	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
108.	Ms. Bhingare Nirmala H	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
109.	Mr. Deepak Kumar Sharma	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
110.	Mr. Sandip Maruti Desai	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019

111.	Mr. Patil Deepak Sunil	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
112.	Mr.Swapnil Yashwant Taware	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
113.	Mr. Rachit Roshan	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
114.	Mr. Vishwanath Hunagund	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
115.	Mr. Raghvendra V Kathari	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
116.	Mr. Navalkant Konda	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
117.	Dr. R S Hingole (HOD)	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
118.	Mr.VivekVitthalraoDiware	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
		One Week STTP on Recent Innovations in Automation and Mechatronics	30 Sep to 05 Oct 2019
119.	Mr. Chaple Anup Rambhau	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019

120.	Mr. Vinayak wamanraoBembrekar	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
		one week FDP on "Whatsapp Outcome Based Education"	7th to 14th April 2020
		one week FDP on "Revolution in Engineering Education"	4-8 May 2020
121.	Mr. Kulkarni Vikram	STTP on Renewable Energy and Utilization	26-30 May 2020
		FPD (8 Weeks) International MOOCs	15th April to 10th June 2019
		Two Weeks Pedagogical FDP	November 04 - 15, 2019
122.	Mr. Shekhar Waman Musane	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
123.	Mr. Tejas Dhananjay Bhirud	AICTE Sponsored Two Week Pedagogical FDP on " Imparting Outcome Based Education in Professional Education: Objectives, Best Practices and Measurement of Outcomes"	4th to 15th Nov 2019
124.	Mr. S. G. Yeolekar	Future prospectives of nanotechnology	9-11 to 11-11 2020.
125.	Dr. Mrs. Manisha Tanwar	8 weeks International MOOCs FDP	15th April to 10 June 2019
126.	Dr. Mrs. Pranjali Shinde	8 weeks International MOOCs FDP	15th April to 10 June 2019
127.	Mr. Santosh Damkondwar	2 Days National Webinar: New Horizons in Sustainable Polymers, Organic Synthesis, Green Chemistry and Laboratory Safety	23rd and 24th May, 2020
128.	Mrs. Deepali Dubal	8 weeks International MOOCs FDP	15th April to 10 June 2019
129.	Mrs. Swati S. Jadhav	Workshop on Cinema and Literature	28th May 2020
130.	Mr. Narendra Sarbande	International e Symposium for research ,innovation and entrepreneurship	15-17 May 2020
131.	Mr. Ramesh Sul	Online faculty development program on "Evolution from offline to online Teaching"	30 May to 3rd June 2020
132.	Mrs. Vrushali Sushant Patil	one day workshop on Engg. mathematics -I	27th july 2019
133.	Mrs. Neeta P. Katariya	one week International webinar on Education 4.0	5-11 May 20
134.	Mrs. Pramila Karale Patil	C++ workshop	5-6-2020



135.	Dr. Mohan A. Sutar	Workshop on Q Dot Solar Energy for Waste processing	15-16 Nov. 2019
136.	Mrs. Sabrina Kazi	one week International webinar on Education 4.0	5-11 May 20
137.	Mrs. Komal Desai	one week International webinar on Education 4.0	5-11 May 20
138.	Mrs. Hnnie Williams	Modern trends in electrical drive	19 to 23 may 2020
139.	Mr. P. K.Gore	Modern trends in electrical drive	19 to 23 may 2020
140.	Mrs. Dhanashree Phalke	workshop on Cyber Security	10th June 2019- 16th June 2019
141.	Mrs. Vaishali Kolhe	FDP on Python 3.4.3, by Spoken tutorial, IIT B	20-04-2020 25-04-2020
142.	Mrs. SoudaminiSomvanshi	FDP on Data Science	8th July 2019 - 13th July 2019
143.	Deepali Gohil	FDP on Cyber security	24th June 2019 - 29th June 2019
144.	Dipalee Divakar Rane	FDP on Spoken tutorial Project	5 April to 13 April 2020
145.	Shanthi K Guru	SDP on Android App Development	4th June 2019 -22th June 2019
		Introduction to Microprocessor and microcontroller	19th sep 2109
		Faculty Development program(FDP)Oppurtunities and challenges in Electronics and allied field post covid 19	5/25/2020 to 30-May-20
146.	Mrs. Nilam S. Patil	FDP on Cyber Security	10th June 2019- 16th June 2019
147.	Vishakha A. Metre	FDP on WhatsApp OBE	24 March TO 14 April 20202
		“International e-Symposium for Research, Innovation and	15th to 17th May, 2020
148.	Neha Patil	FDP on website Development an SEO	24 to 25 January 2020
149.	Soniya Bastwade	STTP On Introduction to Finite Element Analysis and Its Application Using ANSYS	01/10/2019 to 04/10/2019
150.	Vivek Patiil	FDP on Cyber Security & Data Sciences	08/07/2019 to 13/07/2019
		FDP on website Development an SEO	24 to 25 January 2020

151.	Mrs.R N Dandavate	Digital e-Literacy for Women	17-01-2020
152.	Mrs. Priti Kolte	Digital e-Literacy for Women	17-01-2020
153.	Mrs. Bharti Ghatage	Digital e-Literacy for Women	17-01-2020
154.	Mrs. Shalaka Gurav	Digital e-Literacy for Women	17-01-2020
		“Linux”	18th May 2020 to 25th May 2020,
		Online Quiz on “MS-Office for Non-Teaching Staff”	28th May 2020 to 30th May 2020.
155.	Mrs. N. S. Suryanshi	Digital e-Literacy for Women	17-01-2020
156.	Mrs. Mayuri Devkate	Digital e-Literacy for Women	17-01-2020
157.	Mrs. Komal Biranje	Digital e-Literacy for Women	17-01-2020
158.	Mrs. Harshada Joshi	Digital e-Literacy for Women	17-01-2020
159.	Mr. Harish Surana	“Linux”	18th May 2020 to 25th May 2020,
160.	Mr. S. K. Desai	Staff Developpe program at Meher Retreat	20-09-2019
161.	R. A. Patil	Staff Developpe program at Meher Retreat	20-09-2019
162.	Mr. Avinash Bavdekar	Staff Developpe program at Meher Retreat	20-09-2019
163.	Mr. M. V. Lanjekar	Staff Developpe program at Meher Retreat	20-09-2019
164.	Mr. C B. More	Staff Developpe program at Meher Retreat	20-09-2019
165.	Mr. S. W. Dhake	Staff Developpe program at Meher Retreat	20-09-2019
166.	Mr. Harish Surana	Staff Developpe program at Meher Retreat	20-09-2019
167.	Mr. N. N. Naikwadi	Staff Developpe program at Meher Retreat	20-09-2019
168.	Mr. S. P. Burse	Staff Developpe program at Meher Retreat	20-09-2019
169.	Mr. S. N. Borate	Staff Developpe program at Meher Retreat	20-09-2019
170.	Mr. D. B. Walkunde	Staff Developpe program at Meher Retreat	20-09-2019
171.	Mr. Devputra Patty	Staff Developpe program at Meher Retreat	20-09-2019
172.	Vinay Nagare	Staff Developpe program at Meher Retreat	20-09-2019
173.	Madan Khot	Staff Developpe program at Meher Retreat	20-09-2019
174.	Sambhaji Jadhav	Staff Developpe program at Meher Retreat	20-09-2019
175.	Mr. Prakash Wadkar	Staff Developpe program at Meher Retreat	20-09-2019
176.	Mr. Mahesh More	Staff Developpe program at Meher Retreat	20-09-2019
177.	Mr. Sunil Chopade	Staff Developpe program at Meher Retreat	20-09-2019
178.	Shashikant Rokade	Staff Developpe program at Meher Retreat	20-09-2019
179.	Mr. Rajesh Patil	Staff Developpe program at Meher Retreat	20-09-2019

## 13. Research and Development

### A. Book Publication

Sr. No.	Name of the teacher	Title of the book/chapters published	Date and Year of publication	ISBN number of the proceeding	Name of the publisher
1	Amita Jajoo and Kalyan Bamane	Software Engineering	2019	ISBN 978-93-90506-93-4	Nirali Publication
2	Santosh Damkondwar	Engineering Chemistry	Aug, 2019	978-9389406-702	Nirali Publication
3	Mrs. Deepali Dubal Dr Pranjali Shinde Dr Manisha Tanwer Mr Ramesh Sul	Engineering Chemistry	Aug, 2019	978-9389406-702	Nirali Publication
4	Ashwini Abhale, Sumit Khandelwal	Programming And Problem Solving using Python Programming	2020	NA	NA
5	Kalyan Bamane, Akarsh Kapasi, Dr Preeti Patil	Business analytics & intelligence	2020	NA	Technical Publication

### B. Journal Publications

Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Kinect Sensor for Virtual Dressing Room: A Survey	Bhagyashree A. Tingare	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	0976-6480

2	Food Sales Prediction Using Sarima Algorithm	Bhagyashree A. Tingare	International Journal of Advanced Research in Science, Communication and Technology	2020	2581-9429
3	Facial Recognition System for Suspect Identification using a Surveillance Camera	Bhagyashree A. Tingare	International Journal of Advanced Research in Science, Communication and Technology	2020	2581-9429
4	Survey on Virtual Dressing Room	Bhagyashree A. Tingare	Journal of Emerging Technologies and Innovative Research	2020	2349-5162
5	Android based student attendance management	Mr. P.S. Chopade	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930
6	Feasibility of sustainable construction materials for concrete paving blocks: A review on waste foundry sand and other materials	Ashwini Patil, Sheetal Sathe	Materials Today: Proceedings	2020	2515-8260
7	A Review on Treatment & Reutilization of Domestic Wastewater by Removing Micro-Pollutant.	Mr. Dipak Vasant Nikam <sup>1</sup> , Dr. Sachin Mane <sup>2</sup>	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930
8	A review for watershed management practices- analysis and development	Dr.Sachin Mane, Dr.Sandip Mali, Tejaswini Mankar	International Journal for Research and development in technology	2020	2349-3585
9	Analysis and development of watershed for Ruikhed village, maharashtra- a case study	Dr.Sachin Mane, Dr.Sandip Mali, Tejaswini Mankar	International research Journal of engineering and technology(IRJET)	2020	2395-0056
10	Waste Water Treatment Using improved vertical flow wetland	Dr.S.J.Mane, Charul Purohit, Ankita Karlekar	International journal of research and analytical reviews	2020	2320-2882

11	Bamboo reinforced concrete: experimental investigation on Manga & Dagdi bamboo	Mr. Mahesh Tatikonda Saurabh Jayagond, Mr. Sudhanshu Pathak	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0056
12	Mechanical Properties of Concrete containing Plastic Aggregates: A Review	Mahesh V. Tatikonda Dipak S. Patil , Yash H. Gajbi , Shubham S. Yeola , Divesh N. Todarwal	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930
13	Parameters Optimization on Compressive Strength of Polypropylene Fiber Concrete by Taguchi Method	Priyanka V. Dandale and Sudhanshu Sanjeev Pathak	Techno Societal 2018	2020	NA
14	Strength Parameters Analysis of Partial Replacement of Cement by GGBS and Fly-Ash and Sand by Copper Slag	Niranjan R. Chavan and Sudhanshu Pathak	Techno Societal 2018	2020	NA
15	Financial Feasibility Study on a Redevelopment Residential High Rise Building	Smita Pataskar, Sakshi Sable	International Research Journal of Engineering and Technology	2020	2395-0072
16	Design And Cost Analysis Of Bamboo Panel In Low Cost Building	Smita Patakar, Swapnil Dange	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930
17	Feasibility analysis of sustainable concrete Paving Blocks Incorporating Waste Foundary Sand	Sheetl Sathe, Ashwini Patil	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
18	Labour Productivity on Construction Industry in Pandemic	Sayali Wankhede, Dr Ashok More, Ashwini Patil	International Journal for Research Engineering Application and Management	2020	2454-9150

19	Structural Health Monitoring by using Non-Destructive Testing of Bridge	Arti Morge, Dr Saswati Datta, Ashwini Patil	International Journal of Innovative Research in Science, Engineering and Technology	2020	2319-8753
20	Intelligent Replaced of Natural Aggregate and Cement with Recycled Concrete Aggregate, Rice Husk Ash	Ashwini R. Patil, Sneha K. Sawant, Pulakit M. Meshram	International Journal of Recent Technology and Engineering (IJRTE)	2020	2277-3878
21	Design of zero energy building for sustainable construction: a review	Avadhut Kulkarni, Prem Shewale, Aniket More, Dhananjay Shinde, Hemant Gosavi	International Journal of Creative Research Thoughts	2020	2320-2882
22	To Evaluate the Feasibility and Efficiency of using Photovoltaic solar Panel on High Rise office Building Facades in Navi Mumbai, Thereby reducing Cooling Load inside the Building	Rupali Vaidya, Sudhanshu Pathak, Avadhut Kulkarni	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
23	Comparative Study of Floor Response Spectra for Regular and Irregular Buildings Subjected to Earthquake	Landge, M. V., and Ingle, R. K	Asian journal of civil engineering	2020	1563-0854
24	Seismic Analysis of a RCC Dome Using Staad Pro - A Review	Sunil Payghan <sup>1</sup> , Amit Bankar <sup>2</sup> , Bhushan Sonawane <sup>3</sup> , Gaurav Gawai <sup>4</sup> , Harsh Nyati <sup>5</sup>	International Journal of Science Research in Engineering and Management (IJSREM)	2020	2581-5792
25	Common water hyacinth briquettes; a sustainable approach	Ms. Ankita Jagdish Diyevar, Dr. Ashok More	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
26	Performance Based Bio diesel Production Using Cashew Nut Shell Oil	Smita Kirtiwar ; Dr. Ashok More; Mrs. Pragati	International Journal for Scientific Research and	2020	2321-0613

	as an Alternative Fuel	More	Development		
27	A Review on Recycling and Utilization of Cigarette Butt for Waste Water Treatment	Mr.Hemant Nandlal Bari, Dr.A.B. More	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
28	Perfection In Backwashing Of Rapid Sand Filter To Augment The Performance Of Sand Filter System.	Rajvardhan Patil, Mukund Chougale	International Journal of Scientific Research in Engineering and Management	2020	2277-8616
29	Watershed management of drought prone area using G.I.S	Mr. Rajwardhan Patil ,Sanket Huljute, Ranjit Patil, Ashish Barge, Monil Mahajan	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
30	Review of bamboo as reinforcing material in concrete	Mr. Mahesh Tatikonda Saurabh Jayagond , Mr. Sudhanshu Pathak	International Journal of Scientific Research in Engineering and Management	2020	2582-3930
31	Analysis of Labour productivity in Building Construction with special reference to residential projects	<u>Mr. Vivek Kumar Chandravanshi,</u> <u>Mr. Mukund P Chougale</u>	<u>International Journal for Research in Engineering Application and Management</u>	2020	2454-9150
32	Intelligent Replaced of Natural Aggregate and Cement with Recycled Concrete Aggregate, Rice Husk Ash	Ashwini patil, Sneha Sawant	International Journal of Recent Technology and Engineering	2020	2277-3878
33	Labour Productivity on Construction Industry in Pandemic	Dr. Ashok B. More, Sayali wankhede	International Journal for Research in engineering Application and management	2020	2454-9150

34	Fake News Detection and Sentiment Analysis in Twitter	Gayatri Potey, Rucha Jadhav, Kushagra Shroff, Anish Gore, Dhanashree Phalke, Jayant Shimpi	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	2321-9653
35	Code Conversion From Java to C#	Vipul Ghadage, Satyam Sabale, Vinit Pakhale, Devanjan Mukharji, Dhanashree Phalke, Jayant Shimpi	International Journal of Creative Research Thoughts(IJCRT)	2020	2320-2882
36	Pathological Voice Detection from Speech Signal using SVM	Manoj Patil, Rushikesh Rane, Aadesh Thange, Pratik Gite, Dhanashree Phalke, Jayant Shimpi	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	2321-9653
37	A Review on Depression and Stress monitoring System via Social Media Data using Deep learning	Paulami Banerji, Dhanashree Phalke	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020	2321-9653
38	A survey on Video Summarization Techniques	Suvarna Patil, Dhanashree Phalke	International Journal of Research in Applied Science and Engineering Technology (IJRASET)	2020	2321-9653
39	Rice Plant Disease Detection using Image Processing: A Review	Nilam Sachin Patil, Dr. E Kannan	International Journal of Future Generation Communication andNetworking	2020	2233-7857
40	Secured Transmission of EEG Signals Using Wireless Medical Sensor Network	Mrs Shanti Guru	International Journal of Advanced Science and Technology	2020	2005-4238
41	Secured Human Health Monitoring Using Wireless Medical Sensor Networks	Mrs Shanti Guru	European Journal of Molecular & Clinical Medicine	2020	2515-8260



	Review				
42	A 2048-point Split-Radix Fast Fourier Transform Computed using Radix-4 Butterfly Units	Dr Manish Sharma , Sonali D. Patil	International Journal of Recent Technology and Engineering (IJRTE)	2020	2277-3878
43	Bayesian Compressive Sampling Based Wideband Spectrum sensing in cognitive radio network using wavelet transform	Dr Manish Sharma ,Rohit Nigam, Santosh Pawar	International Journal of Recent Technology and Engineering (IJRTE)	2020	2277-3878
44	Reliable Fault Tolerant Multi-Core System: A Survey	Usha Jadhav ,Dr. P. Malathi	International Journal of Future Generation Communication and Networking	2020	2233-7857
45	Modified Bayseian algorithm based compression sampling for wideband spectrum sensing in cognitive radio network using wavelet transform	Dr Manish Sharma , Rohit Nigam, Santosh Pawar	International Journal on Communication system	2020	NA
46	Ranking and Weightage based MADM algorithm for Next Generation Networks Using MATLAB	Prabhu Raddy , Ganesh Vishnu Gosavi	International Journal of Research and Analytical Reviews (IJRAR)	2020	2348-1269, 2349-5138
47	Robust regulation of time-delay processes using sliding mode control	Ghogare M.G.;Musmade B.B.;Patil S.L.;Patre B.M.	Proceedings of 2020 SICE International Symposium on Control Systems, SICE ISCS 2020	2020	NA
48	Stationary wavelet singular entropy based electronic tongue for classification of milk	Pauroosh Kaushal and Rohini Mudhalwadkar	Transactions of the Institute of Measurement and Control	2020	14770 369
49	Aerodynamic Principles for Aircraft: A Study	Ashwathy Harikumar , Vipin Vibhute	International Journal for Research in Applied Science & Engineering	2020	2321-9653

			Technology		
50	Stationary Wavelet Transform based Electronic Tongue for Predicting Taste Masking of Pharmaceutical Samples	P Kaushal, RP Mudhalwadkar	IEEE International Conference for Innovation in Technology (INOCON)	2020	NA
51	Prediction of Sugarcane Yields from Field Records using Regression Modeling	Dr. Mrs. Preeti Patil	International Journal of Recent Technology and Engineering	2020	2277-3878
52	A Machine Learning Approach to Predict Crop Yield and Success Rate	Dr. Mrs. Preeti Patil	2019 IEEE Pune Section International Conference, PuneCon 2019	2020	NA
53	Anomaly detection in engineering structures using WSN and machine learning	Dr. Mrs. Preeti Patil	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075
54	Social innovation through precision farming: An iot based precision farming system for examining and improving soil fertility and soil health	Dr. Mrs. Preeti Patil	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075
55	Social innovation in education system by using robotic process automation (Rpa)	Dr. Mrs. Preeti Patil	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075
56	Data Mining Technology with Fuzzy Logic, Neural Networks and Machine Learning for Agriculture	Dr. Mrs. Preeti Patil	Advances in Intelligent Systems and Computing	2020	2194-5357
57	Automation anywhere tool for student university results	Dr. Mrs. Preeti Patil	International Journal of Recent Technology and Engineering (IJRTE)	2020	2277-3878

58	Preservation of Privacy using Multidimensional K-Anonymity Method for Non-Relational Data	Dr. A.J.Patankar	International Journal of Recent Technology in Engineering	2020	2277-3878
59	An improved map reduce framework for mobile computing	Dr. A.J.Patankar	International Journal for Scientific Research and Development	2020	2321-0613
60	Android based application to provide platform for small scale industries	Dr. A.J.Patankar	International Journal for scientific research and development	2020	2321-0613
61	Resolving Multiparty Privacy Conflicts in Social Media	Dr. A.J.Patankar	International Journal for scientific research and development	2020	2321-0613
62	A Privacy-Preserving High-Order Neuro-Fuzzy C-Means Algorithm with cloud Computing	Dr. A.J.Patankar	International Journal for scientific research and development	2020	2321-0613
63	Survey paper on storage management system using block level deduplication technique in cloud computing	Dr. A.J.Patankar	Journal of Emerging technologies and Innovation Research	2020	2349-5162
64	Execution of a smart Independent smoke sense system based on NB-IoT Technology	Dr. A.J.Patankar	International journal for research and development in technology	2020	2349-3586
65	Design and Analysis of Multisource Logs Forensic with Lock Technique for Cloud Security Enhancement	Dr. K.D. Bamane	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075,

66	Smart Vehicle Tracking System Haversine Algorithm	Mr. K. D. Bamane.1 , Shail Ratnabhushan Bhang2 , Nishant Mehta3 , Ashwani Singh4 , Shubham Kadam5	International Journal of Research in Advent Technology (IJRAT)	2019	2321-9637
67	Android Application On Restaurant Management	Mrs. Amita Jajoo	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0072,
68	Modern E-Parking System for Smart Cities	Mrs. Amita Jajoo	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0072
69	Credit Card Fraud Detection Using Machine Learning	Mrs. Amita Jajoo	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0072
70	Artificial intelligence and its role in near future	Mrs.Himani Patel	International Journal for Scientific Research and Development	2020	2321 0613
71	Information security in big data	Mrs.Himani Patel	International Journal Of Research And Analytical Reviews	2020	2348-1269
72	Data Mining (DM) Techniques and Applications – Decades Review	Mrs. Madhuri Gurale	International Journal for Scientific Research & Development	2020	2321-0613
73	Green Leaf Disease Detection Using Deep Learning	Ms. Parvati Bhadre	International Journal of Research and Analytical Reviews (IJRAR)	2020	2348-1269
74	Data Mining (DM) Techniques and Applications – Decades Review	Ms. Krutika Bang	International Journal for Scientific Research & Development	2020	2321-0613
75	Secure Data Aggregation in WSN for minimizing Attackers Impact	Dr. K.D. Bamane	International journal of pure and applied mathematics	2020	2349-5138

76	Career guidance android application	Mrs. Amita Jajoo	International journal of research in advent technology	2020	2321-9637
77	An IoT platform for data trail driven agriculture	Mrs. Amita Jajoo	International journal of research in advent technology	2020	2321-9637
78	IOT based smart garbage Management SYstem	Asmita Choudhary	International journal of research in advent technology	2020	2321-9637
79	Autonomous RC car using Neural Network and Deep learning	Mrs. Amita Jajoo	International journal of innovative research in computer and communication engineering	2020	2320-9801
80	non intrusive texting while driving	Mrs. Amita Jajoo	International Journal of Research in ,advent Technology (IJR4 T) Special Issue	2020	2321-9637
81	BLOGS RECOMMENDATION USING BLOG POPULARITY ALGORITHM AND ITS APPLICATIONS	Dr. K.D. Bamane	International Journal of Advanced Technology & Engineering Research (IJATER)	2020	<u>2349-5138</u>
82	Design and area efficient shift register using ssaspl latch	Akshata G. Shete	International Journal & Magazine of Engineering, Technolow, Management and Research	2020	2348-4845
83	Movie Recommender System Using Hybrid Approach For More Accurate Recommendations In Case Of ColdStart Problem	Mr.A.J.Patankar	International Journal of Research in Advent Technology (IJRA T) Special Issue	2020	2321-9637
84	A review on natural and waste material composite as acoustic material	Vijaykumar S Jatti	Polymer Testing	2020	1873-2348

85	Predictive analysis of Surface Roughness during EDM machining of NiTi60 alloy using Taguchi technique and Empirical Modeling: A Comparative Investigation	Vijaykumar S Jatti	International Journal of Advanced Science and Technology	2020	2207-6360
86	Mathematical Modelling of Material Removal Rate During Electric Discharge Machining using Buckingham's Pi-Theorem	Vijaykumar S Jatti	Materials Science and Engineering	2020	1757-899X
87	Design and Development of Zirconia-Dolerite Ball Plate for Error Mapping of Probe-Type Coordinate Measuring Machine	Vinay A Kulkarni, B B Ahuja	Lecture Notes in Mechanical Engineering	2020	2195-4364
88	Predictive Analysis of material removal rate During EDM Machining of NiTi60 Alloy using Taguchi Technique and empirical Modeling Comparative Investigation	Vijaykumar S Jatti	International journal of Mechanical and Production	2020	2321-2071
89	“Design and Performance Analysis of MR Twin Tube Shock Absorber Damper of Semi-Active Suspension System”	Ravindra S. Lahane	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075
90	Evaluate the Mechanical Properties of the Composite made out of Coconut Coir	A Jadhav, T Dey	GIS Science Journal	2020	1869-9391
91	Predictions of formability parameters in tube hydroforming process	B.G. Marapalle, R.S.Hingole	S N applied science	2020	2523-3971

92	Ananalysis of Go-kart chasis and optimization of wheel hub	M Viegas, T Dey	International journal of advance research in science and engineering	2020	2319-8354
93	Achiving program outcomes through MIY model ensuring active learning and active engagement in learning	V kulkarni, M Dhanvijay, P Malathi, V M Wadhai, S S Sahasrabudhe	Journal of Engineering Education Transformations	2020	2394 - 1707
94	Multi-response optimization of friction stir spot welded joint with grey relational analysis	Sachin Jambhale, Sudhir Kumar, Sanjeev Kumar	Materials Today: Proceedings	2020	2214-7853
95	A Novel Flat Friction Stir Spot Welding of Triple Sheet Dissimilar Aluminium Alloys: Analyzing Mechanical Properties and Residual Stresses at Weld Region	Sachin Jambhale, Sudhir Kumar, Sanjeev Kumar	Transactions of the Indian Institute of Metals	2020	0975-1645
96	Evaluation of shear force and fractography of friction stir spot welded joints of AA 6082-T6 alloy	Sudhir Kumar,Sachin Jambhale, Manish Maurya,Sanjeev Kumar and Saurabh Pandey	Journal of Engineering Research (JER)	2020	2307-1885
97	Characterization and Optimization of Flat Friction Stir Spot Welding of Triple Sheet Dissimilar Aluminium Alloy Joints	Sachin Jambhale &Sudhir Kumar &Sanjeev Kumar	Silicon	2020	1876-9918
98	Exploring the synergistic potential of response surface methodology based multi-objective optimization in the performance–emissionstability trade-off envelope of an existing diesel engine	Srijit Biswas , Dipankar Kakati , Sumit Roy , Prasun Chakraborti & Rahul Banerjee Rahul Banerjee a	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020	NA

	biodiesel combustion through a robust design space foray				
99	An investigation of the optimal fuel injection strategy in an	Dipankar kakati1*, srijit biswas2, sumit roy3, rahul banerjee4	International Journal of Mechanical and Production Engineering Research and Development	2020	2249–8001
100	Existing diesel engine- a cfd coupled rsm optimization		International Journal of Mechanical and Production Engineering Research and Development	2020	2249–8002
101	Experimental Analysis & Simulation of Tugsten Inert Gas (TIG) Welding on Aluminium Alloy AA6061	Dr.N.K.kamble	Mechanical and Civil Engineering [IOSR-JMCE]	2019	2320-334X
102	A Review on 4D Printing Technology	Dr.N.K.kamble	Research in Research in Applied Science & Engineering Technology	2019	2321-9653
103	A Review On Additive Manufacturing For Bio-Implants	Dr.N.K.kamble	Engineering Research & Technology	2019	2278-0181
104	Optimization of Drilling Process Parameter During of Drilling of AISI 317L Stainless Steel	Dr. N. K. kamble	Engineering Research Express	2019	NA
105	A Review Paper on Friction Drilling Process on Various Materials	Mr. Adwait Pohane1 , Dr. N.K. Kamble2 , Mr. Y.G. Kamble	Journal of Mechanical and Civil Engineering (IOSR-JMCE)	2019	2320-334X



106	Effect of Different Activated Fluxes on Mechanical Properties of DSS 2205 in Pulsed Tungsten Inert Gas Welding	Dhananjay S Satelkar, Bhagwan F Jogi, Shrikant B Thorat	Advances in Additive Manufacturing and Joining	2020	NA
107	Activated Pulsed-Tungsten Inert Gas Welding of DSS 2205	Dhananjay S Satelkar, Bhagwan F Jogi, Shrikant B Thorat, Ajay A Chavan	Techno-Societal 2018	2019	NA
108	The effect of residual stresses, grain size, grain orientation, and hardness on the surface quality of Co–Cr L605 alloy in Photochemical Machining	Shrikant Thorat, Mudigonda Sadaiah	Journal of Alloys and Compounds	2019	0925-8388.
109	Investigation on surface integrity of Co-Cr L605 alloy in photochemical machining	Shrikant Thorat, Vinod Lonkar, Ashish Pailwan, Vikas Sargade, Sadaiah Mudigonda	Journal of Manufacturing Processes	2019	2212-4616
110	Design and development of Light weight Plane focus Solar Concentration	Mr Jaydeep Khade, Vijay Dhembre, Sanket V Bhosale	International Journal of Innovative research in Science, Engineering, and Technology	2019	2319-8753
111	Enhancement in Safety at Hazard Identification and (HIRA)	Yogeshwar Patne, Mr Jaydeep Khade, Vijay Dhembre	International Journal of Innovative research in Science, Engineering, and Technology	2019	2319-8753
112	Cryogenic treatment of shaper cutters and hobs for tool life improvement	Nilesh Mahajan, Rohit Jadhav, M Mathapathi	Journal of Applied Science and Computation	2019	1076-5131
113	Optimization of Drilling Process Parameter During of Drilling of AISI 317L Stainless Steel	Dr.N.K.kamble	Engineering Research Express	2019	NA

114	Reving on History and Advancement in Additive Manufacturing	Dr.N.K.kamble	ELK Aaia Pacific	2019	NA
115	Study on Forming Analysis By FAB System In Deep Drawing Process [M S2062] Forming Process Using Photogrammetric Method And Numerical Simulation	Dr.N.K.kamble	Machining and Forming Technologies	2019	1947-4369
116	Experimental Investigation And Analysis Of The Influence Of tool Edge Geometry And Work-hardening In HardTurning Of AISI D2 Steel	Dr.S S Sarnobat	Measurement	2019	1873-412X
117	Heat Transfer Performance Analysis Of Screen Mesh Wick Heat Pipe Using CuO Nano Fluid	Dr.S S Sarnobat	Sustainable Development Research	2019	2542-4742
118	Performance and Evaluation of V2O5 Thin Film Electrode for Electrochemical Supercapacitors: Effect of Electrolytes	M.S. Pawar, M.A. Sutar, K.I. Maddani and S. G. Kandalkar	International Jouirnal of Engineering Research and Applications	2020	2248-9622
119	Survey Paper on Power System Blackoputs in India and around Globe	Amit, Kasar, R. P. Joshi, Priyanka Dushing,	J. Seybold Report	2020	1533-9211

### C. Conference Publications

Sr No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Date and Year of publication	ISBN number of the proceeding
1	Mrs. Shanthi K Guru	NA	Analysis of Algorithms in Secured Transmission of Medical Data	NA	2020	"ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online)"
3	Dr. Preeti Patil	NA	A Machine Learning Approach to Predict Crop Yield and Success Rate	2019 IEEE Pune Section International Conference, PuneCon 2019	2019	978-1-7281-1924-3 ISBN: 978-1-7281-1925-0
4	Dr. Preeti Patil	NA	Data Mining Technology with Fuzzy Logic, Neural Networks and Machine Learning for Agriculture	Home Data Management, Analytics and Innovation Conference paper	2019	978-981-13-1273-1 DOI: 10.1007/978-981-13-1274-8_6
5	Dr B BMusmade	NA	Robust regulation of time-delay processes using sliding mode control	<u>SICE International Symposium on Control Systems (SICE ISCS)</u>	13/5/2020	978-4-907764-64-7
6	Dr B BMusmade	NA	<u>Design of Composite Sliding Mode Controller for Large-scale Processes</u>	<u>SICE International Symposium on Control Systems (SICE ISCS)</u>	13/5/2020	978-4-907764-64-7
7	Mrs. Usha Jadhav	NA	Implementation of energy efficient homogenous MPSOC display device trained using NN in FPGA	2019 5th International Conference On Computing, Communication, Control And Automation (ICCUBEA)	01-06-2020 (Conference 19-20 SEPT. 2019)	978-1-7281-4042-1 ISBN: 978-1-7281-4043-8

8	Mrs.Usha Jadhav	NA	Duty-Cycle Measurement and Correction Technique in 90-nm CMOS	Fourth International Conference on Computing Communication Control and Automation (ICCUBEA) Publisher: IEEE	2019 (conference date 16-18 August 2018)	ISBN: 978-1-5386-5257-2, PP 1-4
9	Mr.Prabhu Reddy	NA	Smart lighting and signalling system for efficient usage of battery power in Vehicles	Conference on Indian Patents, Copyrights, innovations and startups-2019	2019	NA
10	Mr.Prabhu Reddy	NA	Smart assistive armlet for people having hearing disability and vision impairment	Conference on Indian Patents, Copyrights, innovations and startups-2019	2019	NA
13	Mrs Smita Pataskar	NA	Recent Trends in Construction Technology and Management	ACTM 2021	Jan, 2021	SBN: 978-981-19-2145-2
14	Nileema Pathak suryakantPatil,Preeti Patil	NA	Anomaly Detection in engineering structures using WSN and Machine Learning	International Journal of Innovation Technology and exploring engineering(IJITEE)	Nov, 2019	ISBN 2278-3075
15	Suryakant Patil	NA	Social Innovation through Precision Farming :An IoT Based Precision Farming system for examining and Improving soil fertility and soil Health	International Journal of Innovation Technology and exploring engineering(IJITEE)	Sep, 2019	ISBN 2278-3075
16	Pranav Bairagi,VipinVibhute	NA	Design and development of hybrid robot for RoBocon 2016	International Journal of engineering Science and Generic Research	2019	NA

17	B Musmade,R,Deshpande	NA	Sliding Mode control design for continuous yeast fermentation Process	International Journal of Advanced Research(IJAR)	Sep, 2019	NA
18	Sachin bagul	NA	Text Independent speaker recognition system using GMM	International Conference on Human computer Interface(HCI)	2013	NA
19	Priyanka Dandale,sudhan shusanjeev Pathak	NA	Parameter Optimization on Compressive strength of Polypropylene fiber concrete by Taguchi method	Springer nature Switerland	2020	NA
20	Nileema Pathak suryakantPatil,Preeti Patil	NA	Strength Parameters analysis of Partial Replacement of Cement by GGBS and	Springer nature Switerland	2020	DOI.ORG/10.1007/978-3-030-16848-3_72
21	Yogesh Patil	NA	fiber Optics refractive Index Sensor Based on Intensity Modulation	Fourth International Conference on electronics and Aerospace Technology (ICECA-2020)	2020	ISBN:978-1-7281-6387-1
22	YOGESH Patil	NA	Development of Optical Fiber Test Bench for Intensity Modulated Optical fiber Sensors	Fourth International Conference on Trends in electronics and Informatics (ICOEI-2020)	2020	ISBN:978-1-7281-5518-0
23	Yogesh Patil	NA	Optical Fiber Humidity Sensors :Areview	Fourth International Conference on Trends in electronics and Informatics (ICOEI-2020)	2020	ISBN:978-1-7281-5518-0

24	yogesh Patil	NA	Comprehensive and analytical Review on Optical Fiber Refractive Index Sensor	Fourth International Conference on Trends in electronics and Informatics (ICOEI-2020)	2020	ISBN:978-1-7281-5518-0
27	DipaleeChoudhari	NA	Comparative analysis of IoT Application Layer Protocol for Healthcare Data Transmission System	First Doctoral Symposium on natural computing Research	2020	NA
28	DhanashreePhalke, SunitaJahirab adkar	NA	A Survey on Near Duplicate Video Retrieval Using Deep Learning Techniques and Framework	IEEE Pune Section International conference	Dec-20	NA
29	Pramod Deshmukh	NA	An Efficient clustering approach utilizing an advanced Particle system	IEEE International Conference	Jun-20	NA

### iii. Patents

Sr No	Name of Inventors	Patent/Copyright	Title Of The Invention	Published/Granted
1	Mrs. Swati Milind Panse, Mr. Hanuman D. Bobade, Mr. Ganesh J. Jagtap	Patent	Electric Crusher For Shrikhand And Puran Mixer With Battery Back Up	Granted Indian (325421) dated 21/11/2019
2	Shrutika R. Lanjewar, Rajkumar A. Jadhav, Dr.(Mrs.) P. Malathi, Dr. Tapobrata Dey	Patent	Identification and classification of fruits based on image processing	Published

3	Rajkumar A. Jadhav, Shrutika R. Lanjewar, Dr.(Mrs.) P. Malathi, Dr.Tapobrata Dey	Patent	Real time embebbedimimage processing system for traffic sign detection and control of vehicle	Published
4	Dr Vinay A Kulkarni, Mrs Usha Jadhav, Vinita Yerande, Dr Sandeep Shiyekar, Santosh Damkondwar, PradneshPadave, P Malathi, Rahul Ghotekar, Pramod Deshmukh, Rajasree RS, VijyaWadhai, Arti Utikar, Ashwini Patil	<b>Copyright</b>	Creating Open Source Cloud Based Gnomio Moodle of Your own subject for OBE	Not Published
5	Mr.NikhilBehare, Mr. Prasanna Bhosale, Ms. Nirmala Bhingare, Mrs. Swati Dhamale, Dr. S Prakash, Dr. V K Jatti, Ms. Ashwini Nale, Mr. Pratik Joshi	Patent	Development of sound absorbing material using coconut coir fibers	Published
6	Dr. R. S. Hingole, Dr. P. T. Nitnaware and Mr. R. S. Lahane	Patent	Design analysis and manufacturing of pedal driven multiple crop cutter	Published
7	Dr. R. S. Hingole, Dr. P. T. Nitnaware and Mr. R. S. Lahane	Patent	Design and manufacturing of hand operated cotton picking machine	Published
8	Dr. R. S. Hingole and Dr. V. M. nandedkar	Patent	Design and development of web enabled expert system for meta forming	Published
9	Tapobrata Dey, Vijaykumar S Jatti and Sandeep S Sarnobat	Copyright	An Ideology: Electric Vehicle Charging Infrastructure in Smart Cities	Unpublished
10	Dr. Indu Tyagi and Dr. V A Kulkarni	Copyright	Tabular flow chart for formulation of course outcome in Engineering Mathematics	Unpublished

11	Mr. Pankaj Vitankar, Dr. D. G. Khairnar	Copyright	Functional Verification Strategy for enhanced VLSI environmental controlability using universal verification methodology	Published
12	VishwalataLakshe, Dr. A. V. Patil	Copyright	Intelligent Target Tracking of Mobile Nodes in Wireless Sensor Network using Artificial Intelligence	Published
13	Mrs. Manisha Rajput, Dr. Mrs. P. Malathi	Copyright	Spectrum Sharing framework in full duplex mode with minimum interference with 5G cellular network	Published
14	Mr. Prashant Titare, Dr. D. G. Khairnar	Copyright	Development of DCM based MPSoC for high speed application of FPGA using adaptive Peloton Technique	Published
15	Ms. Shahin Shaikh, Dr. D. G. Khairnar	Copyright	Improved Trust Computation mechanism for faster access control in Wireless Sensor network	Published
16	Mr. Rajkumar Anil Jadhav, Ms. ShrutikaRavishekharLanjewar, Dr. (Mrs.) P. Malathi, Dr. Tapobrata Dey	Patent	Real Time Embedded Image Processing System For Traffic Sign Detection And Control Of Vehicle.	Published
17	Ms. ShrutikaRavishekharLanjewar, Mr. Rajkumar Anil Jadhav, Dr. (Mrs.) P. Malathi, Dr. Tapobrata Dey	Patent	Identification and Classification of Fruits Based on Image Processing.	Published



18	Mrs. Dipti D. Patil, Dr. Vijay M. Wadhai	Patent	wireless sensor network based intelligent framework for mobile real time health care system	Published
19	Sankalp Kulkarni, Dhanesh walte, Mohit gupta Mehernaz contractor Dr Vinayak kotawar Pramod Deshmukh	Patent	The Intelligent Classroom	Published
20	Anushka Deshpande Prateek Thakare	Patent	Smart Valve System for Water Management	Published
21	Ishika Prasad Yash Sharma Aishwarya S Kendle Prateek S Thakare Pramod Deshmukh	Patent	The FinPrint	Published
22	1. Dr. Vijay M. Wadhai, 2. Dr. Mrs. P. Malathi, 3. Mr .Pramod B. Deshmukh, 4. Mr. RohitJadhav, 5. Mr. Arunkumar Battu, 6. Mrs. Aarati Hiremath, 7. Mrs. Usha Jadhav, 8. Ms. Rachana Sangitrao, 9. Mrs. AaratiGaikwad, 10. Mrs. Shanthi K.Guru 11. Dr. Vinay A. Kulakrni 12. Dr. B. B. Musmade,	Copy Rights	Students Feedback on Teaching - Learning through Gnomio Moodle (Computer Software work)	Unpublished
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33	Sonam Patil, Swapnil Patil, Kalyan Bamane, Aarti Gaikwad	Patent	An automated system for animal health care using IOT & AI	Published
34	Amita Jajoo, Samta Chppada, Sneha Mankhair, Rachana Mane, ParajaktaAwale	Patent	Transformation of Thoughts into Voice for Paralysis Patients	Published

35	Kalyan Bamane, Shubham Jadhav, Abhijit Patankar, Ganesh kale, Amita Jajoo	Patent	AN EFFECTIVE DESIGN AND IMPLEMENTATION OF SMART HOME USING RASPBERRY PI	Published
36	1. Dr. Vijay M. Wadhai, 2. Dr. Mrs. P. Malathi, 3. Mr. Pramod B. Deshmukh, 4. Mr. RohitJadhav, 5. Mr. Arunkumar Battu, 6. Mrs. Aarati Hiremath, 7. Mrs. Usha Jadhav, 8. Ms. Rachana Sangitrao, 9. Mrs. AaratiGaikwad, 10. Mrs. Shanthi K.Guru 11. Dr. Vinay A. Kulakrni 12. Dr. B. B. Musmade,	Copy Rights	Students Feedback on Teaching - Learning through Gnomio Moodle (Computer Software work)	published
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38	Smita Pataskar, Deepika Wagh, AvadhutKullarni, AhinsakTaksande, Sudhanshu Pathak	Patent	CFM - CONSTRUCTION INDUSTRY: Managerial Competencies of Female and Male Managers in Construction Industry	Published
39	Smita Pataskar, SayaliDharne, Akash Charbhe, Ashwini Nangre, Ashwini Patil	Patent	P-PARKING SPACE: Prediction of Parking Space Near by Your Vehicle	Published
40	Dr. Ashok B. More, Dr.Saswati Datta, Yogesh Sopan Alhat, Sachin J Mane, Mane Machindra, Gulabrao, Ashok Ba JiraoBorude, Hari KhanduKhose	Patent	ETP- SUSTAINABLE : Existing and Proposed Sewage Treatment Plant of Pragmatic Feasibility, Cost Efficiency and Sustainable	Published
41	PulakitMeshram, Ashwini Patil, Dr. Ashok B. More, Keshavrao Lawand, Rajesh Naik, Yash Sorathia, Shruthi Lathkar, AthuloMepo, KirtirajWanjale, Vivek Chandravanshi	Patent	Intelligent Replaced of Natural Aggregates and Cement with Recycled Concrete Aggregate, Rice Husk Ash	Published
42	Anupama Rodge, Sachin J. Mane, Dr. Ashok B. More, Dr. Narendra S. Jain, Mukund P. Chougale, Ra Jvardhan S. Patil, Vira J R. Kashikar, Rohini R. Khandelwal	Patent	IRF- ADSORBENTS : Intelligent Removal Of Fluoride Using Low Cost Natural Adsorbents	Published

43	Ms. Neharika Tana Ji Gaikwad, Dr. Tushar Ra JendraBagul, Dr. Ashok B More, Dr.Saswati Datta, Dr. Ravindra Kumar, Mr. Saindane Milind Prakash, Mr. Mahesh Athani, Mr. Rohan Anil Patil, Mr. Kiran Anil Patil	Patent	Synthesis of Energy Fuel from Plastic Waste and Its Efficiency	Published
44	Ms. Ankita Anil Patil, Dr. Ashok B. More, Dr. Shridhar Shankar Kumbhar, Prof. Bakul Rao, Dr. Narendra S. Jain, Mr. Shreedhar D. Patil, Mrs. Supriya Mohanrao Patil, Mrs. Sharmistha Chakraborty, Mr. Hardik SevakdasMandwe	Patent	Intelligent Way to Water Management Index (CWMI) oFWarana River Basin	Published
45	Mr. Anand Vilas Misal, Dr.Saswati Datta, Dr. Ashok B More, Mrs. Ashwini R. Patil, Mr. Uday Shankar Patil, Mr. Shashikant Mahadev Nagargoje, Mrs. Sneha Sanjay Sawant, Mrs. Ashwini Satya Jit Nangre, Mr. Samarth Suresh Patil, Mr. Akash Ravindra Gaikwad, Mr. Abhijeet Arvind Koshti	Patent	Aggregates And Bitumen With Reclaimed Asphalt Pavement And Waste Plastic In Flexible Pavement	Published
46	Mr. Shubham Satish Kabra, Dr.Saswati Datta, Dr. Ashok B. More, Mrs. Ashwini R. Patil, Dr. Tushar Ra JendraBagul, Ms. Savita Subhash Magadum, Mrs. Prital Gautam Kalasur, Dr. Anil Vasant Shirgire, Dr. Ranjit N. Shiral, Mr. Virsen Mahadev Cherekar, Mr. Chinmay Pradip Bhayde	Patent	Polyethylene Terephthalate (PET) Bottles in Rigid Pavement	Published
47	Ms. Sneha Sanjay Takankhar, Dr. Ashok B. More, Dr.Saswati Datta, Dr. Narendra S Jain, Mrs.Usha Narayan Kategaonkar, Mr. Shinde Parmanand Bhaskar, Ms. Gadhe Mayuri Rajendra, Mrs. Sharmistha Chakraborty, Ms. PraJakta Vijay Hiremath, Mr. Bharat DattatryaGidde	Patent	Modification in Rapid Sand Filter for Backwashing System using Change in the Filter Design	Published
48	Bachhav Snehal Ra Jendra, Sachin J Mane, Dr Ashok B More, Dr. Saswati Datta, Kinjal Sanjay Khaire And Kalpesh Nandkumar Patil	Patent	Water Lettuce converter: Water lettuce can be converted to biofuels, biomannure and other required things	Published

49	Dr Ashok B More and others (outside dypcoe)	Patent	Application of Geothermal CoolingTechniqueand water coolingTechniqueto Residential Building	Published
50	Dr Ashok B More	Patent	Performance Evaluation of Fixed and Suspended Anaerobic Filter Media of Compacted Sewage Treatment Process	Published
51	Dr Ashok B More	Patent	Use of Natural Coagulants for Primary Treatment of Dairy Wastewater	Published
52	Dr Vinay A Kulkarni, Mrs Usha Jadhav, Vinita Yerande, Dr Sandeep Shiyekar, Santosh Damkondwar, PradneshPadave, P Malathi, Rahul Ghotekar, Pramod Deshmukh, Rajasree RS, VijyaWadhai, Arti Utikar, Ashwini Patil	Copyright	Creating Open Source Cloud based Gnomio Moodle of your own subject for OBE	Not Published
53	Dr. V. S. Jatti; P. S. Thakare; Ms. R. A. Deshpande; P. Dhall; Mrs. Rashmi Deshpande	Patent	Smart Valve System For Water Management	Published
54	Pranav Bairagi, Vipin S. Vibhute, Mangesh Metre, Mrs. Manisha Vibhute	Patent	Advanced HyridComtrolled Robot with Pick and Place Mechanism	Published
55	Vipin Suryakant Vibhute, Yogesh Suresh Angal, B. Suryakanth	Patent	Sound Source Localization in Three Dimensions Using Self-Rotating, Asymmetrical Positioned And Skew Aligned Two-Array Microphone	Published
56	Dr Rutuja Deshmukh, Mr Abhishek Deshmukh ,Dr D G Khairnar ,Mr Prabhu Reddy ,Mr Yogesh Shirke, Mrs AprnaShinde,Ms Rachana Sangitrao,Mrs Trupti Wagh	Patent	Computer-aided Diagnosis using Deep Learning	Published

57	Mrs. Arti A. Utikar; Dr. V. A. Kulkarni; Dr. Kailash Shaw; Mrs. Amita Jajoo; Mr. Pramod Deshmukh; Dr. T. Dey; Mr. Mukund Chougale; Mr. Rohit Jadhav; Mrs. Aparna Shinde	Copyright	“COs Bloom’s Taxonomy Action Verbs Analysis”	Published
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59	Sankalp Sunil Kulkarni, Dhanesh Ramdas Walte, Mohit Gupta, Meherenaz contractor, Vinayak G. kottawar, Pramod B. Deshmukh Dr. Vinayak Kottawar	Patent	The Intelligent Class Room	Published
60	Pratiksha Wani, Sneha Kolge, Kalyani Veer, Utkarsh Keote, Mrs. Nilam Patil, Dr. Vinayak Kottawar	Copyright	Fire Detection & safety navigation system using AI & IOT	Published

### D. Funded projects

S r N o	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Estimation of inter laminar transverse shear stresses in sandwiched structures using a higher order shear and normal shear deformation theory	Dr S M Shiyekar	Civil Engineering	2019	1285000	730 Days	ISRO-SPPU	Government
2	AICTE ISTE sponsored induction/refresher Programme, titled "Contemporary Artificial Intelligence"	Mrs. Shantiguru	Computer Engineering	2020	93000	1 year	AICTE	Government

## 14. Faculty Achievement /Recognition

Sr No	Name of Teacher	Name of Body	Year / Duration
1.	Dr. V. A. Kulkarni	BOS SPPU	2019-2021
2.	Samadhan Bhosale	SPPU Paper Setter	2019-2020
3.	Mr. V. S. Vibhute	BOS Computer Engineering (Changu Kana Thakur Arts Commerce & science college, New Panvel ( Autonomous)	27/03/2019
4.	Mrs.V.L.Kolhe	Paper setter for PG PR Subject	2019
5.	Dr. Mrs. P.Malathi	Member of the Chartered Management Institute (CMI)	2019
6.	Dr. Mrs. P.Malathi	Reviewer for International Journal of Electronics and Communications (Elsevier)	2019
7.	Dr. Mrs. P.Malathi	IETE Fellow Member F233929	
8.	Dr. Manish Sharma	Reviewer of IEEE Transactions on Industrial Electronics.	2019
9.	Dr. Manish Sharma	Reviewer of International Journal of Automation and Computing	2019