



Annual Activity Report 2018-19



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

E-mail: info@dypcoeakurdi.ac.in | Website : www.dypcoeakurdi.ac.in

Contact: +91-20-27653058, Fax: +91-20-27653057

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

Index

Sr. No	Particulars	Page no.
1.	Governing Body (GB)	4
2.	College Development Committee (CDC)	5
3.	Internal Quality Assurance Cell (IQAC)	6
4.	Intake and Enrolment of First Year Students	7
5.	Summary of Graduating Students with percentage students passing	8
6.	Student Co-curricular and Extra Curricular Activities	9
7.	Extension, Outreach Programs and National Service Scheme (NSS) Activities	11
8.	Training and Placement	12
9.	Industry Interaction (MoU)	13
10.	Alumnae Association and Activities	16
11.	Library	17
12.	Professional Development Activities for staff	21
13.	Research and Development (List of Publications, patents, projects)	32
14.	Faculty Achievement /Recognition	87

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
		Dr N. S. Jain	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.	Dr.N.S.Jain	Registrar	Administrative office Representative
5.	Dr. Mrs.Neeta Deshpande	HoD Computer Engg	Member
6.	Dr. V. A. Kulkarni	HoD Mechanical Engg.	Member
7.	Dr. Madhuri A Potey	Faculty	Member
8.	Dr. Preeti Patil	Faculty	Member
9.	Dr. Ganesh Jadhav	Faculty	Member
10.	Mr.AvinashNighojkar	Local Society Member(IEI Pune Chapter)	Member
11.	Mr.Manish Bharucha Co-Founder & Director Pinwheel Technology Pvt.Ltd.	Alumni Representative	Member
12.	Mr.NoikhilDesale	Student Representative	Member
13.	Ms.Priyanka Patil	Student Representative	Member
14.	Mr. Shailesh Pardeshi (Senior Principal Architect,Xoriant Solutions)	Employer 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	3	20	0
Information Technology (UG)	120	120	12	7	29	0	48	24	8	1	23	0
Electronics & Telecommunication (UG)	120	118	12	7	29	0	48	24	11	0	20	0
Instrumentation Engineering (UG)	60	47	6	3	15	0	24	12	1	0	18	0
Mechanical Engineering (UG) – first shift	120	120	12	7	29	0	48	24	7	1	22	0
Mechanical Engineering (UG)– Second shift	60	49	6	3	15	0	24	12	7	0	14	0
Civil Engineering (UG) – first shift	120	101	12	7	29	0	48	24	13	5	23	0
Civil Engineering (UG) – Second shift	60	36	6	3	15	0	24	12	5	2	14	0
Production Engineering s/w (UG)	60	36	6	3	15	0	24	12	1	0	15	0

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	Mechanical Engineering (UG) – First shift	123	85
2	627261220	Mechanical Engineering (UG) – Second shift	63	42
3	627224510	Computer Engineering (UG)	120	119
4	627224610	Information Technology (UG)	144	136
5	627237210	Electronics & Telecommunication (UG)	126	83
6	627246610	Instrumentation Engineering (UG)	61	60
7	627262610	Production Engineering s/w (UG)	64	64
8	627219110	Civil Engineering(UG) – First shift	162	160
9	627219120	Civil Engineering(UG) – Second shift	65	64
Total			928	813

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	Value Added Course on Certified Six Sigma Green Belt (CSSGB)	7 Days	29	29
2	Oracle dev gym: Databases for Developer	3 days	10	10
3	Solo Learn: HTML, HTML Fundamental, C++, Java, PHP etc	1 day	14	14
4	Coursera : Essential Cloud Infrastructure: Foundation	7 days	1	1
5	Latex	6 days	56	56
6	Soft Skills Training	30 Hours	823	823
7	NPTEL Certification	4 Months	62	62
8	NPTEL Certification	4 Months	117	117

B. Extra Curricular Activities

Sr No	Name of the award/ medal	Team / Individual	University / State / National / International	Sports / Cultural	Name of the student
1	1 st Runner Up –Overall mBAJA	Individual	National	Sports	Harshal Ghayal
2	1 st Prize in cultural fest ‘Impressions’	Individual	National	Cultural	Kritika Sharma
3	Group Dance Competition at MEDHA 2019, Cultural Fest Sangamner 3rd Prize	Team	State	Cultural	Group Dance

4	Group Dance Competition at National Institute of Event Management 3rd Prize	Team	University	Cultural	Group Dance
5	FirodiyaKarandak Male vocalist 1st Prize	Individual	State	Cultural	HarshrajJadhao
6	FirodiyaKarandak Dance Pyramid 1st Prize	Team	State	Cultural	AshleshaNemane&Team
7	FirodiyaKarandak Percussion (Pakhwaj) 1st Prize	Team	State	Cultural	Indranil Khetkar
8	FirodiyaKarandak Sculpture 1st Prize	Team	State	Cultural	Komal Nale
9	D.Y.PatilKarandak,Nerul,Mumbai : Abhiyakti April 2019 Selected in Top 9 teams	Team	State	Cultural	Group
10	Symbiosis Karandak intercollegiate competition as VachikAbhinay	Team	University	Cultural	Kunal Rashinkar
11	PurushottamKarandak Best actor consolation	Team	State	Cultural	Kunal Rashinkar
12	Daji Kaka GadgilKarandak Best actor consolation	Team	State	Cultural	Kunal Rasihnkar
13	Daji Kaka GadgilKarandak Best Director	Team	State	Cultural	Shubham Pade
14	Gangadhar Karandak Best Background music	Team	State	Cultural	Mayur Gaikwad

7. Extension, Outreach Program and National Service Scheme (NSS) Activities

Sr No	Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme
1	Two days Training Programme on Faecal Sludge Management	Unity Knowledge LLP	NSS
2	ISTRUCTE and Student Engagement	IStructE, London	NSS
3	TEDx Event	TEDx Event USA	NSS
4	Yoga day	Art of Living	NSS
5	Jal Shakti Abhiyan (GOI initiative)	Shree Bhairavnath Vidyalaya, Vanpuri, Purandar, Pune	NSS
6	Donation Drive	ZEP foundation, Pune	NSS
7	Donation for Flood Affected people in Kolhapur area	NSS	NSS
8	Tree Plantation and Sapling preparation	NSS Along with Nisargraja Mitra Jiwanche	NSS
9	Seminar on Business management Behavior and Business management	Sintex BAPL Ltd.Ahmedabad	NSS
10	Seminar on Innovation and Research	IITM, Pune	NSS
11	PC Awareness and Internet sessionandSoft skill Session by the engineering students to school students	Dept. of Information Technology DYPCOE Akurdi and Z P Prathmik Shala, Kurwande, Lonavala, and SojarVidyalay, Lonavala, Dist Pune	NSS
12	Gunnies World Record NSS	NSS	NSS
13	Nirmal Wari Abhiyan	NSS	NSS
14	Tree Plantation	NSS Along with Nisargraja Mitra, Jiwanche	NSS
15	Nirmalya Collection on Ganpati	NSS	NSS

	Visarjan		
16	Guest Lecture on Social Awareness	NSS	NSS
17	Food and Nutrient Education in Slum area	NSS	NSS
18	Cleaning and Poster Rally	NSS	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	136	119	114	1	2	86	95.80
2	IT	147	140	132	2	0	91	94.29
3	E&TC	144	114	108	8	1	81	94.74
4	Instrumentation	61	44	40	5	0	74	90.91
5	Mechanical	200	139	114	25	1	70	82.01
6	Production	56	40	39	5	5	88	97.50
7	Civil	224	102	99	19	29	66	97.06
Total		968	698	646	65	38	77	93

9. Industry Interaction (MoU)

Si. No.	Name of the MOU Collaboration / linkage	Name of the collaborating agency / institution /industry / corporate house with whom the MOU / collaboration / linkage is made, with contact details	Start date of signing MOU / collaboration / linkage	End date of MOU / collaboration / linkage	List of the actual activities under each MOU
1.	Internship MOU	Itrix Computer Services Pvt. Ltd.	07-11-2018	Till date	Guidance Session and Internship Interviews
2.					Guest Lecture on “Implementation issues in Information Systems”
3.	Addon Course MOU	Helpdesk	07-10-2018	06-10-2021	Expert Lecture on World of Data-Current trends in Industry
4.					Value added course on Java programming- Industry perspective
5.	Internship MOU	KM Digital Wave Techno Solutions	07-11-2018	Till date	Internship Interviews
6.					Internship in web development using python
7.					Guest session on Internship

8.	Skill Development MOU	Codezeven Software Pvt. Ltd (Rapid Circle)	07-12-2018	Till date	Guest Lecture to bridge the curriculum gap of TE SPOS subject
9.					3 Weeks Skill Development Program
10.	Mentorship MOU	Protocol Incorporation	07-12-2018	06-12-2022	Technical Talk on Guidance for Internship and Sponsored Projects
					Sponsorship Interviews
					Project Evaluator for CODEX 2.o Project Competition
11.	Guidance MOU	Pure Technology	07-10-2018	06-10-2022	Technical Talk on Guidance for Internship and Sponsored Projects
12.					Sponsorship Interviews
13.	Workshop MOU	Systele solutions Pvt. Ltd	07-11-2018	06-11-2022	Internship Interviews
14.					Workshop on Data Science and Machine Learning
15.	Mentorship MOU	Zetabyte Solutions Private Limited	07-12-2018	06-12-2022	Project Evaluator for CODEX 2.o Project Competition
16.		BeeChavan Infosystem Pvt Ltd	07-12-2018	06-12-2022	Project Evaluator for CODEX 2.o Project Competition
17.					Guest lecture on Introduction to Agile technology
18.	Mentorship MOU	Peaku Demand Baffle Techno Pvt. Ltd.	07-10-2018	06-10-2022	Project Evaluator for CODEX 2.o Project Competition

19.	Workshop MOU	Extremity India Technology	07-10-2018	06-10-2022	Workshop on Android apps development
20.	Skill Development MOU	Probus Software Pvt. Ltd.	07-12-2018	06-12-2022	Guest Lecture on Implementation Issues in Information Systems
21.					Internship Interviews
22.					One Week Skill Development Program on “Android Apps Development”
23.	Internship MOU	SpringJaunter Technologies	07-10-2018	06-10-2022	Internship -2018-19, Internship 2019-20
24.	Internship MOU	GigIndia	23-08-2018	22-08-2019	Guest Lecture on Digital marketing
25.					Internship Interviews
26.	Expert lecture MOU	Oppulent Infotech Pvt. Ltd.	24-08-2018	23-08-2019	Internship Interviews
27.					Expert talk on Internet of Things
28.	Training MOU	Soha Technologies Pvt. Ltd.	08-01-2018	Till date	HEC RAS training session
29.	Expert lecture MOU	Parth Infotech	07-10-2018	06-10-2022	Guest Lecture on “Software Engg. Concepts in ERP”
30.	Internship MOU	PMS Robotics Research Center	12-07-2018	Till date	Internship in wireless communications
31.	Training MOU	Dolphin Labs	14-07-2018	Till date	Faculty Training
32.	Expert lecture MOU	Institute of Satellite Telecom Pvt Ltd Pune	04-09-2018	Till date	Guest Lecture by Mr. Krish Mehkarkar, (Founder & Director, SATCOM), on "5G and Satellite Communication"

					for BE-E&TC students
33.	Development MOU	Yashaswi Electronics, Pune	17066-2018	Till date	Consultancy of Rs.70000/-
34.	Internship MOU	Know How School	20-07-2018	Till date	Expert session for TE students
35.					Internship in Industry ready civil RCC module
36.					Internship Course- Construction Site and Classroom activity
37.					Site visit at Urban skyline, Ravet Pune
38.					Financial help to student for training
39.	Training MOU	Apex Consultants	23-07-2018	Till date	AutoCAD Software Training
40.	Training MOU	Automation Anywhere	30-10-2018 Renewal on 05-07-2022	Till date	Automation Anywhere provided support for infrastructure establishment by defining requirements and validating software setup, deliver all the workshop(s), training(s) and awareness program, internship offers to students participating in RPA training and placement

10. Alumnae Association and Activities

- Alumni Meet is organized by Mechanical engineering Department and Production Engg Department.
- Expert Session on “Key trends in IOT” is organized by E&TC EnggDepartment with the support of Mr.YogeshHegade (Alumni E&TC batch 2018) Executive at Your DOST NGO 14th September 2019
- Site Visit on “ Know How School” is conducted by Civil Engg Department with the support from Dipesh Bafna (Alumni Civil 2014)

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	39538
Titles	14485
E-Books	5116
E-Journals	5052
Magazines	8
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 -

Program	Number of Titles	Total	Number of Volumes	Total
<u>Civil Engineering Department</u>	2076	2240	4333	4716
ME - Construction Management	103		237	
ME -Environmental Engineering	61		146	
<u>Computer Engineering Department</u>	1647	1829	4962	5622
ME -Computer Engineering	182		660	
<u>Information Technology Department</u>	625	625	4905	4905
<u>Elect.& Telecommunication Department</u>	1559	1702	6242	6565
ME -VLSI & Embedded systems	101		212	
ME -Communication Networks	42		111	
<u>Instrumentation Engineering Department</u>	1620	1620	2101	2101
<u>Production Engineering Department</u>	437	704	1620	2137
ME – Manufacturing and Automation	267		517	
<u>Mechanical Engineering Department</u>	2524	2757	6481	7057
ME - Machine Design	201		494	
ME - Heat Power	32		82	
App. Sci. & Others	3008	3008	6435	6435
Total		14485		39538

- **Year wise Books Purchasing Details:**

Year	New Volumes
2018 – 2019	194
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	2018-2019	5052	19,96,372/-	IEEE,ASCE,ASME,Elsevier,Knimbus

- **Print Magazine Addition Details-**

Sr.No.	Year	No. of Print Magazines	Amount (INR)
1	2018-2019	08	8,873/-

- **Available E-resources–**

Sr.	Publisher	Subject Areas
1	IEEE ASPP + POP (Combo Pack)	Computer Engineering + Computer Science + Electrical and Electronics Engineering + Telecommunications and related disciplines
2	ASME	Mechanical Engineering
3	ASCE	Civil Engineering
4	ELSEVIER -	Engineering + Computer Science(Electrical + Electronics + Mechanical + Civil & Structural + Aerospace + Biomedical + Industrial & Manufacturing +Ocean Engineering + Computational Mechanics & Safety Risk, Reliability & Quality + Computer Network & Communications, Artificial Intelligence, Computer Science,

		Computational Theory & Mathematics, Computer Graphics & Computer – Aided Design, Information Systems, Control & System Engg& Software
5	Knimbus	All

4.2.1.d - Other Activities conducted by central Library during 2018-19

Sr.No.	Name of the Activity	Date
1.	One day workshop on KOHA and Library Automation organized by IIT Mumbai	09/03/2019
2.	Organized book exhibition and Library best reader award on the occasion of 150 years of Mahatma Gandhi Jayanti.	29/11/2018
3.	Book exhibition and Library best reader award on the occasion of Birth Anniversary of Dr. APJ Abdul Kalam which is celebrated as “VachanPrerana Din	15/10/2018

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. D. G. Khairnar	ICT Tool for Blended Teaching Learning: Moodle	06/08/2018 to 11/08/2018
		Outcome based education -An effective Teaching learning Practice and Assessment	11June2018 to 16 June 2018
2.	Dr. Mrs. P. Malathi	8 week International MOOCs FDP	15 April to 10 June 2019
		Formation of Course Outcomes and Attainment of CO's, PO's and PSO's	11/06/2018 to 15/06/2018
3.	Dr. Manish Sharma	Foundation Program in ICT for Education	13/09/2018 to 18/10/2018
		ICT Tool for Blended Teaching Learning: Moodle	06August2018 to 11August2018
4.	Mrs. K. M. Jadhav	ICT Tool for Blended Teaching Learning: Moodle	06August2018 to 11August2018
5.	M. M. Karad	MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
		ICT Tool for Blended Teaching Learning: Moodle	06August2018 to 11August2018
6.	Mrs. A. S. Shinde	MATLAB and Toolboxes	July 2018 to August 2018, 5 Working Saturday
7.	Mrs. Usha Jadhav	MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
8.	Mrs.TruptiWagh	Foundation Program in ICT for Education	13 Sept 2018 to 18 Oct.2018
		MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
9.	Mrs. Sayali Mane	8 week International MOOCs FDP	15 April to 10 June 2019
		FDP on Cyber Security by PMMMNMTT	10 June 2019 to 16 June 2019

10.	Mrs. Manisha Rajput	One week induction program on “Modern wireless Communication”, Sponsored and approved by AICTE &ISTE	23rd TO 28th July 2018
		IIITBombayX- Foundation Program in ICT for Education	13 September to 18 October 2018.
		IITBombayXPedogogy for online and Blender Teaching -Learning Process	30 October 2018 to 13 Dec 2018
11.	Mrs. V. M. Lakshe (Bagal)	MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
		IIITBombayX- Foundation Program in ICT for Education	13 September to 18 October 2018.
		IITBombayXPedogogy for online and Blender Teaching -Learning Process	30 October 2018 to 13 Dec 2018
		Machine Learning using Raspberry Pi	13th to 17th June,2019
12.	Mrs. Snehal Gaikwad	8 week International MOOCs FDP	15 April to 10 June 2019
13.	Mr. Yogesh Shirke	FOW on Elective-IV revised 2015 syllabus	21 & 22 December 2018
		Outcome based education -An effective Teaching learning Practice and Assessment	11june2018 to 16 June 2018
		"Design flow Automation and Testing in VLSI using PERL"	27th January 2018.
14.	Mrs.Rutuja Deshmukh	FOW on "Mobile communication" revised 2015 syllabus	13 & 14 December 2018
15.	Mr. Sagar Bhavsar	Faculty Orientation Workshop CNS	12th-14th July 2018
		Outcome based education -An effective Teaching learning Practice and Assessment	11june2018 to 16 June 2018
16.	Mr. Pabhu Reddy	Machine Learning using Raspberry Pi	13th to 17th June,2019
17.	Mr. Prashant Titare	Research Meet : Ethics in research	07-10-2019
		Cyber Security	10 June to 16 June 2019
18.	Swati Subhash Jadhav	MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
		Three day FDP on Motivating the Motivators for effective Teaching Learning Process	11/07/2018 to 13/07/2018
19.	Mrs.SwatiP.Aswale	IOT using Python.	11th June2018 to 15th June 2018
20.	Mrs.ShilpaS.Jagtap	Faculty Orientation Workshop on the subject Broad Band Communication Systems	13 Dec.2018 to 14 Dec 2018

		FDP on " Creating open source cloud based Gnomio Moodle of your own subject for OBE"	15 April 2019 to 10 th June 2019
21.	Mrs.ShailajaS.Yadav	MATLAB and Toolboxes	July2018 to August 2018, 5 Working Saturday
		ICT Tool for Blended Teaching Learning: Moodle	06August2018 to 11August2018
		Faculty Orientation Workshop on the subject Artificial Intelligence	12th-14th July 2018
22.	Dr.Preeti Patil	FDP On NBA Road map	12/10/2018 to 13/10/2018
		How to Make your Own Operating System	10/09/2018 to 18/09/2018
23.	Mr.A.J.Patankar	IOT using Python	11/06/2018 to 15/06/2018
24.	Ms. Aarti Gaikwad	How to Make your Own Operating System	10/09/2018 to 18/09/2018
25.	Kalyan Bamane	Pedagogy for online and Blender Techinglaerning process	30/10/2018 to 13/12/2018
		FundectionProgramm in ICT for Eduction	30/10/2018 to 13/12/2018
26.	Ms. AmitaJajoo	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
		ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
27.	Mrs.Madhuri A Potey	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
28.	Mrs Vishnupriya G S	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
29.	Ms. Deepali D. Rane	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
30.	Ashwini Abhale	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
31.	Mrs. Parvati Bhadre	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
32.	Mrs. Shraddha Tushar Shelar	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
33.	Ashish K Saxena	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
34.	Akarsh Kapasi	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
35.	Mr. Vinod Mane	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
36.	Santosh Inchal	Outcome Based Education – An Effective Teaching Learning Practice & Assessment	11/06/2018 to 16/06/2022
37.	Mrs.Rajasree	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018

38.	Mr. Gajanan P. Babhulkar	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
39.	Mr. Anup Kalyanashetti	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
40.	Mrs. Sonam Patil	ASP MVC Azure Application Development	13/07/2018 to 17/07/2018
41.	Dr B BMusmade	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
42.	Mr. V. S. Vibhute	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
43.	Mr. N. V. Mane	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
44.	Ms. R. R. Sangitrao	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
45.	Mr. N. R. Mohanty	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
46.	Mr. P. B. Kushal	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
47.	Mrs. A. A. Utikar	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		ICT Tools for Teaching & Learning: Moodle	6/8/2018 to 11/8/2018
48.	Ms. V. V. Yerande	FDP & Curriculum discussion for Elective III & IV	04-01-2019
		ICT Tools for Teaching & Learning: Moodle	6/8/2018 to 11/8/2018
49.	Mrs. A. R. Kesti	BE 2015 Course- Syllabus orientation PDC	11-07-2018
		FDP & Curriculum discussion for Elective III & IV	04-01-2019
50.	Mrs. R. A. Deshpande	FDP & Curriculum discussion for Elective III & IV	04-01-2019
		BE 2015 Course- Syllabus orientation PDC	11-07-2018
51.	Dr A B More	Plumbing System design	30July - 6August 2018
52.	Dr.BasavrajBalapgol	Plumbing system Design	30July - 6August 2018
53.	Dr S M Shiyekar	Internation conference on recent ennovetions and engineering technology	15-16 Feb 2019
54.	Dr. Narendra S. Jain	Plumbing system Design	30July - 6August 2018
55.	Dr Saswati Datta	Plumbing System design	30July - 6August

			2018
56.	Dr. Tushar Bagul	Workshop on "Total Station & GNSS"	8-10 August 2018
57.	Smita Pataskar	Plumbing System design	30 July - 6 August 2018
58.	Mr. S. J. Mane	Plumbing System design	30 July - 6 August 2018
59.	Mr. Sudhanshu Pathak	Plumbing System design	30 July - 6 August 2018
60.	Mr. Viraj Kashikar	Workshop on "Total Station & GNSS"	8-10 August 2018
61.	Mr. Mukund Chougale	Plumbing System design	30 July - 6 August 2018
62.	Mrs. Sneha Sawant	Plumbing System design	30 July - 6 August 2018
63.	Mrs Aarti Hiremath	Motivating the motivators for effective teaching learning process	11 -13 july 2018
64.	Ms. Savita Jatti	STTP on Plumbing System design	30 July - 6 August 2018
65.	Ms. Subhashini Ramteke	Plumbing System design	30 July - 6 August 2018
66.	Ms. Rohini Khandelwal	Plumbing System design	30 July - 6 August 2018
67.	Mr. Rajavadhan Patil	STTP on ICT tools For blended teaching learning	6-11 August 2018
68.	Mr. Ahinsak Taksande	Plumbing system Design	30 July - 6 August 2018
69.	Ms. Savita Magdum	Workshop on "Total Station & GNSS"	8-10 August 2018
70.	Mrs. Shramishta Chakroborty	Plumbing System design	30 July - 6 August 2018
71.	Col. B. K. Bhonde	Plumbing system Design	30 July - 6 August 2018
72.	Mr. Hardik Mandave	Plumbing System design	30 July - 6 August 2018
73.	Mr Mahesh V Tatikonda	Plumbing System design	30 July - 6 August 2018
74.	Mr. Sunil J Payghan	Plumbing System design	30 July - 6 August 2018
75.	Mr. Kailash Biradar	Plumbing System design	30 July - 6 August 2018
76.	Mr. Avdhut Kulkarni	Plumbing System design	30 July - 6 August 2018
77.	Mrs. Aradhana Chavan	Plumbing System design	30 July - 6 August 2018
78.	Mrs. Suprita Patil	Plumbing System design	30 July - 6 August 2018
79.	Mrs. Ashwini Nangre	Workshop on "Total Station & GNSS"	8-10 August 2018
80.	Mr. Sagar Katwa	Plumbing System design	30 July - 6 August

			2018
81.	Ms. Bhagyashri Pardeshi	Motivating the motivators for effective teaching learning process	11 -13 july 2018
82.	Mr. Akash G. Charbhe	Plumbing system Design	30July - 6August 2018
83.	Dr.Nitin K Kamble	Pedagogay for online and Blender Teaching Leraninng Process	30/10/2018 to 13/12/2018
		Outcome based Education-An effective Teaching Learning Practice and Assessment	11/6/2018/ TO 16/6/2018
84.	Dr V. A. Kulkarni	Creation of moodle through Gnomio	14/06/2018 to 15/06/2018
		Educational Leadership	8 Weeks
85.	Mr. N. M. Mahajan	Industry sponsored Residential Training Programme “ Train the Trainers” Ltd. From 25th to 27th March 2019.	25th to 27th March 2019
86.	Pradnesh Padave	Pedagogay for online and Blender Teaching Leraninng Process	30/10/2018 to 13/12/2018 (6 Weeks)
87.	Y. G. Kamble	Pedagogay for online and Blender Teaching Leraninng Process	30/10/2018 to 13/12/2018 (6 Weeks)
		3D Simplified Mathematics	16/02/2019 to 17/02/2019
88.	Mr. R. P. Jadhav	One week STTP on “ Outcome Based Education- An effective teaching learning practice and assessment”	11th June to 16th June 2018
		Pedagogay for online and Blender Teaching Leraninng Process	30/10/2018 to 13/12/2018 (6 Weeks)
89.	Mr. M. N. Mathapati	Value added course on Certified six sigma green belt	9th, 25th February & 9th, 23rd February 2023
90.	Mr. J. M. Khade	Value added course on Certified six sigma green belt	9th, 25th February & 9th, 23rd February 2023
91.	Pravin Tukaram Nitnaware	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
92.	Dr.Tapobrata Dey	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
93.	Dr. V S Jatti	STTP- Outcome Based Education- An Effective teaching Learning Practice and Assesment	11 – 16 June 2018
94.	Mr. Battu Arun Kumar	Motivating the Motivators for effective Teaching Learning Process	11th-13th July 2018
95.	Mrs. Swati Dhamale	One week STTP on ICT tool for blended Teaching Learning: Moodle	6/8/2018-11/8/2018

		STTP on" Outcome Based education -An Effective Teaching Learning Practice & Assessment"	11/06/2018-16/6/2018
96.	Mr. Nilesh Ramchandra Pawar	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
		Motivating the Motivators for effective Teaching Learning Process	11th-13th July 2018
97.	Mr. Ravindra Sadashiv Lahane	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
		Workshop on Introduction to 3 D printing Technology -Hands on Training	27/08/2018-31/08/2018
98.	Mr.Marjapure Sachin Dhanraj	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
99.	Mr. Vaibhav Vitthal Phule	one week STTP on Outcome based Education- An effective teaching learning practise and assessment	11/06- 18/06/2018
		FDP on MATLAB & TOOLBOX"	JULY- Aug 2018
100.	Mr. Sunil Subrao Patil	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
101.	Mr.SushantSunilkumar Patil	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
102.	Mr. Laxman Pandurang Khose	STTP on" ICT Tool for Blended Teaching Learning" Moodle (ICTM-2k18)	6th to 18th Aug 2018
103.	Mr. Rahul Sitaram Ralebhat	STTP: Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
104.	Mr. ShyamsingVijaysing Thakur	STTP: Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
		NPTEL AICTE Introduction to Research	FEB-APR 2019
105.	Ms. Bhingare Nirmala H	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
106.	Mr. Patil Deepak Sunil	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
107.	Mr. Vishwanath Hunagund	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
108.	Mr. Raghvendra V Kathari	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
109.	Mr. Navalkant Konda	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
110.	Mr. Vinayak wamanraoBembrekar	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
111.	Dr. R S Hingole	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018

112.	Mr. Kulkarni Vikram	Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
		STTP on" ICT Tool for Blended Teaching Learning" Moodle (ICTM-2k18)	6th to 18th Aug 2018
113.	Mr. Shekhar Waman Musane	Motivating the Motivators for effective Teaching Learning Process	11th-13th July 2018
		Outcome based education-An effective teaching learning practice and assesment	11-16 June 2018
114.	Dr. S. K. Babar	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2019
115.	Dr. M. S. Kaulgi	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2020
116.	Mrs. Jasmita Kaur	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2021
117.	Mr. S. G. Yeolekar	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
118.	Ajit Ghorpade	One week Skill Development Program on " Sustainable Materials Used in Construction"	11-06-2018 to 15-06- 2018
119.	Mrs. Pranjali Shinde	8 weeks course on creating open source cloud based Gnomio MOODLE	April 15, 2019 to June 10, 2019
120.	Mr. Santosh Damkondwar	4 Weeks NPTEL Course on "Reactive Intermediates: Carbene and Nitrene"	Feb-March, 2019
121.	Mrs. Deepali Dubal	FDP on "Outcome Based education- An effective teaching learning practice &Assessment"	11th to 16th June
		3 days FDP " Motivating the motivators for effective teaching -learning process"	11th July to 13th July
122.	Mrs. Swati S. Jadhav	Synergy with Energy- Life Management Skills Workshop	14-16 January 2019
123.	Mrs. Jyoti Pandhare	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
124.	Mr. Narendra Sarbande	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
125.	Ms. Pooja Khatkale	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
126.	Mr. Ganesh Gosavi	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
127.	Ms. Dipti Kandari	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
128.	Mr. Sanjay Mohite	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
129.	Mrs. Archana Gupta	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
130.	Ms. Sonal Sunil Siddha	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
131.	Ms. Varsha Shivraj	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
132.	Ms. Madhuri N. Patil	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
133.	Ramesh Sul	One day workshop on "Effective teaching methodology of Audit Course-I (Environmental studies-I)	24th August, 2019
134.	Dr. Archana Chavan	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
135.	Mr. Abhijit Dhotre	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
136.	Vrushali Patil	FDP on "Outcome Based education- An effective teaching learning practice &Assessment"	11th to 16th June
137.	Mr. D. A. Bhagwat	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022

138.	Komal Desai	FDP on "Outcome Based education- An effective teaching learning practice &Assessment"	11th to 16th June
		Foundation Programme in ICT for Education	13 September to 18 October
139.	Hnnie Williams	FDP on "Outcome Based education- An effective teaching learning practice &Assessment"	11th to 16th June
		3 days FDP " Motivating the motivators for effective teaching -learning process"	11th July to 13th July
140.	Mr. P. K. Gore	Synergy with Energy : Life Managemengt Skills	14-16 Jan 2022
141.	Mrs. D. A. Phalke	"ICT Tool for Blended Teaching Learning:Moodle(ICTM-2K18)"	6th Aug 2018 -11th Aug 2018
142.	Mrs. Vaishali Kolhe	Five Days FDP on"Formation of Coand Attainments of Cos,Posand PSOs."	11th to 15th June, 2018
		AICTE-ISTE STTP on ML	4 June 2018-9 June 2018
143.	Mrs. Deepali M.Gohil	"ICT Tool for Blended Teaching Learning:Moodle(ICTM-2K18)"-STTP	6th Aug 2018 -11th Aug 2018
144.	Dipalee Divakar Rane (Chaudhari)	FDP on LP II	16 July to 18 July
		5 Days FDP on Formation of CO and Attainment of CO,PSO,PO	11 June - 15 June 2018
145.	Mrs. Shanthi K Guru	Six Day Workosop on LATEX	22 July to 27 July
		One Week SDP on Android App Development	17th June2019 to 22 June2019
146.	Mrs. Nilam S. Patil	Three days workshop on "ICT Tools for OBE"	2/1/2018-4/1/2018
		FDP on labototy Practice-II	16 to 18 July, 2018
		AICTE-ISTE STTP on ML	4 June 2018-9 June 2018
147.	Ms. S.T.Somwanshi	One week Outcome based education and effective teaching learning practice and assesment	11th to 16th June, 2018
		FDP on Data Analytics	22 to 23 June, 2018
		one day Workshop on IPR	10-Dec-18
148.	Vishakha Metre	5 Days FDP on ICT based Teacher learning	24/12 -29/12/2018
		FDP on COs ,POs	11 June-15 June 2018
149.	Neha Patil	FDP On ICT Based Teaching Learning Using Gnomio Moodle	24/12/2018 to 29/12/2018
		FDP on Key Aspect of circular Design and Content Delivery	17/01/2019
150.	Rahul Pawar	Workshop on Data Science	24 to 25 th 2018
		STTP -ICT Tool for Blended Teaching Learning :Moodle	06/08/2018 to 11/08/2018
		FDP on Key Aspect of circular Design and Content Delivery	17/01/2019

151.	Soniya Bastwade	5 Days FDP on Formation of CO and Attainment of CO,PSO,PO	11 June - 15 June 2018
		FDP on Key Aspect of circular Design and Content Delivery	17/01/2019
152.	Vivek Patiil	FDP On ICT Based Teaching Learning Using Gnomio Moodle	24/12/2018 to 29/12/2018
		FDP On MATLAB	July August 2018
		5 Days FDP on Formation of CO and Attainment of CO,PSO,PO	11 June - 15 June 2018
153.	Mr. S. K. Desai	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
154.	Mr. Harish Surana	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
155.	Mrs. Bharti Ghatage	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
156.	Mr. N. N. Naikwadi	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
157.	Mrs. Shalaka Gurav	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
158.	Mr. M. V. Lanjekar	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
159.	Mrs. N. S. Suryanshi	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
160.	Mr. S. W. Dhake	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
161.	Mr. S. P. Burse	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
162.	Mr. S. N. Borate	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
163.	Mr. Madan Khot	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
164.	Mr. S.J. Jadhav	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
165.	Mrs. Priti Shivaji Kolte	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
166.	Mr. Prakash Pandurang Wadkar	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
167.	Mr. Rajesh L. Patil	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
168.	Miss. Shailaja Name	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.

169.	Mr. Gurunath Sutar	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
170.	Mrs.R N Dandavate	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
171.	Mr. Vinay Nangare	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
172.	U.A. Jadhav	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
173.	Mrs. Sadhana Jagtap	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.
174.	Mrs. Triveni Rasale	Workshop on “Synergy with Energy Life Management Skills”	4th Jan to 16th January 2019.

13. Research and Development

A. Book Publications

Sr . N o.	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	Mr. K.D.Bamane	Computer Graphics	2019	978-93-332-1412-4	Nirali
2	Mrs Amita Jajoo	Software Engineering and Project Management	2019	NA	Nirali
3	Ms. Arti S. Gaikwad	Processor Architecture & Interfacing	2019	978-93-332-1171-0	NA
4	Dr. Preeti Patil Mr. K .D. Bamane	Business Analytics & Intelligence	2019	978-93-332-1946-4	Technical Publications
5	Ashwini Abhale	Programming and Problem solving	2019	ISBN No 978-93-5077-849-4	Technical
6	Dr.Mrs.P Malathi	Encryption Principles and Techniques for the Internet of Things	2019	DOI: 10.4018/978-1-5225-5742-5.ch002	A volume in the AISPE Book
7	Vinay Kulkarni, Anand Bewoor	Metrology and Measurement	2017	NA	NA
8	Harish Kumar Prashant Jain	Recent Advances in Mechanical engineering	2019	NA	NA
9	Jaganathan JayaPrakash KokKeongchoon gMohammed Parvez Anwar	Advances in construction Materials and structures	2019	NA	NA

B. Journal Publications

Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Survey On Various Techniques Used In Artificial Intelligence	Bhagyashree A. Tingare	International Journal of Management, Technology And Engineering	2019	2249-7455
2	Evaluating and Improving the Performance of 3D Cryptosystem with Single-Multi-Phase Framework on Multi- Core System	Bhagyashree A. Tingare	International Journal of Management, Technology And Engineering	2019	2249-7455
3	Cyber Physical Systems (CPS) and Design Automation for Healthcare System: Era of Cyber Computation for Healthcare System	Bhagyashree A. Tingare	International Research Journal of Engineering and Technology	2019	2395-0056
4	Collective data sanitization for personal information protection	Pranjali Kothawade	IIOAB	2019	0976-3104
5	Medical Data Privacy and disease Prediction Using Advance Encryption and Machine Learning approach	Roomana Hasan	International Journal of Pure and Applied Mathematics	2018	1314-3395
6	Partial Replacement of Cement With Combination of Alccofine and Marble Dust for Development of Sustainable Concrete	Revati P. Sawant ¹ , Sudhanshu Pathak ² , Sachin Mane ³	International Journal of recent technology and engineering(IJRTE)	2019	2277-3878
7	Fluoride removal using low cost adsorbent	Dr. Ashok More, Sachin Mane, Anupama Rodge	International research Journal of engineering and technology(IRJET)	2019	2395-0056
8	Decorative Concrete Using Waste Glass As Aggregate	Shinde Yogesh V. ³ Inamdar Vishvjeet . Mahesh V. Tatikonda Bendale Akshay V. , Dhaygude Akshay P.	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056

9	A Review on Partial Replacement of Cement With waste paper sludge powder	Sumit Gaikwad , Sudhanshu Pathak. Mahesh Tatikonda	International Journal of Recent Trends in Engineering & Research (IJRTER)	2019	23883
10	Partial replacement of cement with waste paper sludge in addition with activated charcoal powder	Sumit Gaikwad , Sudhanshu Pathak. Mahesh Tatikonda	International Journal of Scientific & Technology Research	2019	2277-1686
11	Partial Replacement of Cement With Combination of Alccofine and Marble Dust for Development of Sustainable Concrete	Revati P. Sawant ¹ , Sudhanshu Pathak ² , Sachin Mane ³	International Journal of recent technology and engineering(IJRTE)	2019	2277-3878
12	Studying supplementary cementitious materials for partially replacing cement	Revati P. Sawant, Sudhanshu Pathak	International Journal for Science and Advance Research In Technology	2019	2395-1052
13	To plan & design rainwater harvesting system for d.y patil college of engineering, akurdi	Sudhanshu Pathak ¹ , Neha Dabhade ² , Rucha Nutyalwar ³ , Surbhi Dharne ⁴ , Gaurav Wankhade ⁵	International journal of engineering research & technology	2019	2590-1892
14	Analaysis Of Variation Of Plan Cost Due To Changed Cost At Brownfield Construction Site	Ashwini Patil, Mrunali M Ghumare, Ashok More	International Journal Of Scientific & Technology Research	2019	2277-8616
15	Evaluation of Travel Delay Cost Associated with Traffic in Metro- Infrastructure Project	Smita Pataskar,, Mayank Nawhal	International Journal of Scientific & Technology Research	2019	2277-8616
16	Evaluation of Noise & Incurred Social Cost Due to Infrastructure Construction Activity	Smita Pataskar, Junaid Shah	International Journal of Scientific & Technology Research	2019	2277-8616

17	A need to the valuation of social cost incurred due to noise pollution in infrastructure construction	Smita Pataskar,,Junaid Shah	International Journal for Scientific Research & Development	2019	2321-0613
18	Evaluation of vehicle operational and travel delay incurred due to traffic in road infrastructure construction project	Smita Pataskar, Mayank Nawhal	International Journal for Scientific Research & Development	2019	2321-0613
19	A study on effect of fused deposition modelling process parameters on mechanical properties	Savita V. Jatt, Vinaykumar S. Jatti	International Journal of Scientific and Technology Research, Volume 8, Year 2019, Pages 689-693	2019	2277-8616
20	Study on the effect of steel fiber and metakaolin on mechanical properties of hardened concrete	Savita V. Jatt, Vinaykumar S. Jatti	International Journal of Scientific and Technology Research	2019	2277-8616
21	Manufacturing and Testing of Paver Block using Molten Waste Plastic	Subhashini Ramteke Shubham Ghode, Prafulla Padvi, Mohit Jahangirdar, Nitin Dardare	International Journal for Science and Advance Research in Technology	2019	2395-1052
22	Variation in Engineering properties of mechanized bricks with fly ash bricks	Mrs.Sharmistha Chakraborty, Mrs.Rohini Khandelwal, Mr.Hardik Mandwe	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
23	Performance Analysis of Retrofitted Structure	Mahesh B Tapkir, Ratnkant R.Piche, Onkar S Panchal,Jitesh Soundarmal, Rohini Khandelwal	International Research Journal of Engineering and Technology.	2019	2395-0072

24	Use of Plastic Waste in Road Construction for Sustainable Development	Avadhut Kulkarni , Baibhav Kumar , Ronak Tripathi , Samarth Mathur , Sumesh Karanje	International Journal for Research in Applied Science & Engineering Technolog	2019	2321-9653
25	A Review on Enhancing the Water Resistance Property of Gypsum	Sunil J. Payghan1 , Suraj K. Wankhede2 , Suraj V. Gavhane3 , Shubham R. Khanna4 , Dilip M. Gavali5	International Journal of Research in Engineering, Science and Management	2019	2581-5792
26	Behavior of square footing under eccentric loading on reinforced sand.	Sunil J. Payghan ,Mr. Akash G. Charbhe,	International Journal of Advance Research and Innovative Ideas in Education	2019	2395-4396
27	To Study and Expected Solution over Traffic flow Management and Parking system at Kasarwadi Metro Station Area	Sunil J. Payghan,Mr. Akash G. Charbhe, Mr. Yogesh Navkar	International Journal of Advance Research and Innovative Ideas in Education	2019	2395-4396
28	Variation in Engineering properties of mechanized bricks with fly ash bricks	Mrs.Sharmistha Chakraborty, Mrs.Rohini Khandelwal, Mr.Hardik Mandwe	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
29	Improbability Investigation of Lake Tapping Dam	Rajvardhan Patil, Hardik Mandwe	International Journal of Research and Analytical Reviews	2019	2349-5162
30	Risk Management in Infrastructure Projects – A Case Study on Pune Metro	Ashwini R. Patil, Keshavrao B. Lawand	Journal of Engineering Research and Application	2019	2248-9622
31	A survey on Video Summarization Techniques	Suvarna Patil, Dhanashree Phalke	International Journal of Research in Applied Science and Engineering	2019	2321-9653

			Technology (IJRASET)		
32	Movie Rating Predictions Based on Audience Face Expressions using KNN	Shritika Waykar, Vaishali Kolhe	JETIR	2019	2349-5162
33	Face Recognition Techniques: A survey	Jayashree Somani, Vaishali Kolhe	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2019	2321-9653
34	Estimating Audience Engagement for Prediction: A survey	Shritika Waykar, Vaishali Kolhe	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2019	2321-9653
35	Mitigation of Online Public Shaming Using Machine Learning Framework	Mrs.Vaishali Kor,Mrs. D.M.Gohi	Wireless Personal Communication Journal	2019	0929-6212, DOI 10.1007/s11277-019-06789-x
36	Anomaly-Based Intrusion Detection System in RPL by Applying Stochastic and Evolutionary Game Models over IoT Environment	Deepali Gothawal, Dr. S.V.Nagaraj	Science Direct-Elsevier	2019	doi.org/10.1016/j.procs.2020.01.051
37	Intrusion Detection for Enhancing RPL Security	Deepali Gothawal, Dr. S.V.Nagaraj	International Research Journal of Engineering and Technology (IRJET)	2019	2349-5162
38	A Survey: Secret Sharing Approach with Cheater Prevention on QR Code	Sarika Laiphrakpam, Mrs. D. B. Gothawal	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2395-0072
39	Phishing Web Sites based Detection and Removal using Machine Learning	Nilam Patil	Sandip Foundation's International Journal on Emerging Trends in Technology	2019	2455 – 0124

			(IJETT)		
40	Rice plant diseases detection using image procesisng: review	Deepali Gothawal, Dr. S.V.Nagaraj	International journal of research and analytical reviews	2019	2348-1269
41	Analysis of Algorithms in Secure Transmission of Medical Data	Mrs Shanti Guru	International Journal of Advanced Science and Technology	2019	2005-4238
42	E - Attendance System Using Opencv and CNN	Mrs Shanti Guru	International Journal of Advanced Research in Computer and Communication Engineering	2019	2319-5940
43	<u>Fingertip Detection Method in Hand Gesture Recognition</u>	Mrs Shanti Guru	International Research Journal Of Engineering And Technology (IRJET)	2019	2395-0056
44	The Virtual Touchpad: Real-Time, Wireless, Embedded Hand Gesture Control System Using ANN	Harshali S. Kumbhar, Dr. P. Malathi	International Journal of Pure and Applied Mathematics	2019	1314-3395
45	Implementation of Energy efficient homogeneous MPSOC display device trained using NN in FPGA	Usha Jadhav, Masroor Khan	2019 5th International Conference On Computing, Communication, Control And Automation (ICCUBEA)	2019	NA
46	Interactive Smart Mirror for Personal Information Management	Usha Jadhav , Priti Deo	Journal of Electronic Design Technology	2019	2229-6980
47	Comparative Study of Secure Routing Protocol for Manet : A review	Snehal T. Kalokhe Mrs. Sayali. N. Mane	International Journal of Computational Engineering Research (IJCER)	2019	– 3005

48	Robust Pose Invariant Face Recognition using DCP and LBP	Kamal M Jadhav Yogesh Shirke	International Journal of Management, Technology And Engineering	2019	2249-7455
49	Speaker Recognition with Deep Learning Methods	Mrs. Shailaja Yadav, Mrs. Shilpa Jagtap	International Journal of Research and Analytical Reviews (IJRAR)	2019	2348-1269, 2349-5138
50	10T SRAM design by using stack transistor technique	Dr Manish Sharma , Sneha K. Mapari	Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	2019	18617767
51	Secure Manet Routing with Blackhole avoidance	Snehalkalokh , Sayali Mane	International Journal of Advance Research in Science and Engineering	2019	2319-8354
52	ICT based Inclusive Flipped Classroom to Better Integrate Interdisciplinary Research	Usha Jadhav , Kishor Bhangale	International Journal of Multidisciplinary	2019	3085
53	Synthesis of Nano Cadmium Sulfide using Urea as a capping agent	Swati Aswale , Roshani Bhagat	International Journal of Advanced Science and Technology	2019	NA
54	Image Text to Speech Conversion	Reena Kinhekar, Sulbha Kamble, Anjali Suryawanshi, Mrs. Sayali. N. Mane	IJSRD - International Journal for Scientific Research & Development	2019	2321-0613
55	Detection of Pitch Frequency of Indian Classical Music based on Hilbert Huang Transform for Automatic note transcription	Dr D G Khairnar , Dr Manish Sharma	<u>Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)</u>	2019	18617813

56	Text independent speaker recognition system using wavelet filters	BB Musmade, RA Deshpande, VV Pawar	International Journal of Advanced Research	2019	2320-5407
57	Sliding mode control design for continuous yeast fermentation process	BB Musmade, RA Deshpande, AK Gangad	International Journal of Advanced Research	2019	2320-5407
58	Game Pedagogy with TPACK Model: A Learner Centric Method	Arti Utikar; Vinita V. Yerande; Aswini Patil; Rajshree R. S	IEEE	2019	NA
59	Taste Evaluation by Electronic Tongue and Bioavailability Enhancement of Efavirenz	Pauroosh Kaushal et al.	AAPS PharmSciTech	2019	1530-9932
60	Development of hot melt coating technique for taste masking of chloroquine phosphate tablets	AR Madgulkar, MR Bhalekar, P Kaushal, RP Mudalwadkar	Journal of Drug Delivery and Therapeutics	2019	2349-7211
61	Resolving Multiparty privacy Conflicts in social media	Mr.A.J.Patankar	International journal for scientific research and development	2019	2321-0613
62	Achieving Quality of Anonymity and Data Privacy on released data of users by avoiding data breaching using multidimensional k-Anonymity approach on large datasets	Mr.A.J.Patankar	International journal for scientific research and development	2019	:2321-0613
63	android based application to provide platform for small scale industries	Mr.A.J.Patankar	International journal for scientific research and development	2019	:2321-0613
64	Managing different user's privacy issues on social media	Mr.A.J.Patankar	International Journal of Advent Technology (IJRAT)	2019	2321-9637
65	A Privacy-Preserving High-Order Nuro-Fuzzy c-Means Algorithm Cloud Computing	Mr.A.J.Patankar	IJSRD	2019	2321-0613
66	Anomaly Detection in practice using python	Mr.A.J.Patankar	International journal for scientific research and development	2019	:2321-0613

67	Survey Paper on Storage Management System using Block Level Deduplication Technique in Cloud Computing	Mr.A.J.Patankar	International journal for scientific research and development	2019	2349-5162
68	SMART HOME SECURITY SYSTEM USING CLOUD	Mr.A.J.Patankar	International journal for scientific research and development	2019	2349-3585
69	Preservation of Privacy using Multidimensional K-Anonymity Method for Non-Relational Data	Mr.A.J.Patankar	International journal for scientific research and development	2019	2277-3878
70	EXECUTION OF A SMART INDEPENDENT SMOKE SENSE SYSTEMIndependent Based on NB-IoT Technology	Mr.A.J.Patankar	International journal of research and analytical reviews	2019	2349-3585
71	Design and Analysis of Multisource LogsForensic with Lock Technique for Cloud Security Enhancement	Mr.K.D.Bamane	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075
72	Decision Support & Data Mining for Priority Based Donation System	Vishnupriya GS	IJARSE	2019	2319-8354
73	Trading Strategy Development	Ms. Himani Patel	International Journal of Research and Analytical reviews	2019	2348-1269
74	College Information System using chatbot	Ms. Himani Patel	International Journal of Research and Analytical reviews	2019	2348-1269
75	Secure Transaction System based on QR code and visual cryptography	Mrs. Madhuri Gurale	International Journal for research and development in technology	2019	. 2349-3585
76	Implementation of RPA in Human Resource Automated System	Mrs. Madhuri Gurale	International Journal of Research and Analytical reviews	2019	2348-1269
77	Face mask detection using Deep Learning	Mrs. Rajashree RS	International Journal of Research and Analytical reviews	2019	2348-1269

78	Medibot	Mrs. Rajashree RS	International Journal of Research and Analytical reviews	2019	2348-1269
79	An Online Review for the Categorization of Market Research	Mrs.Priyanka Gupta	International Journal of Research Publications and Reviews	2019	2582-7421
80	Step by Step Implementation of Machine Learning Algorithms for stock price Prediction	Mrs.Priyanka Gupta	International Journal of Advanced Research in Science, Communication & Technology	2019	2581-9229
81	SPEECH SYNTHESIS	Mrs Amita Jajoo	International Journal of Research and Analytical reviews	2019	2348-1269
82	Protection for Women using IOT smart Device with location and parameter	Mrs Amita Jajoo	International Journal of Research and Analytical reviews	2019	2348-1269
83	DISTRIBUTED STORAGE SYSTEM USING IPFS	Mrs Amita Jajoo	International Journal of Research and Analytical reviews	2019	2348-1269
84	E-VOTING USING BLOCKCHAIN	Mrs Amita Jajoo	International Journal of Research and Analytical reviews	2019	2348-1269
85	Smart ATM Pin recovery and secured ATM transactions based on fingerprint identification	Mr. Navnath Kale	International Journal of Research and Analytical reviews	2019	2348-1269
86	Mining Attribute Based Access Control Policies using Machine Learning	Mrs.Sapana Kolambe	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
87	Plant Leaf Disease Detection	Mrs.Sapana Kolambe	International Journal of Research and Analytical reviews	2019	2348-1269

88	Health-Care Chatbot	Mrs.Sapana Kolambe	International Journal of Research and Analytical reviews	2019	2348-1269
89	Smart Shopping Trolley Management System	Mrs.Sapana Kolambe	International Journal of Research and Analytical reviews	2019	2348-1269
90	Mining Attribute Based Access Control Polices using Machine Learning	Mrs.Dipali Patil	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
91	Agribot	Mrs. Nitisha Rajgure	International Journal of Research and Analytical reviews	2019	2348-1269
92	Observation of Urban Land-Use and Detection of Land-Cover Change by Using Satellite Images	Mrs.Priyanka Gupta	Scandinavian journal of information system	2019	1901-0990
93	<u>Heat transfer enhancement of an internally and externally dimpled pipe heat exchanger–Numerical study</u>	<u>HV Malapur, SN Havaladar, UV Kharade</u>	Materials Today: Proceedings	2019	2214-7853
94	Evaluation of Refused Derived Fuel (RDF) Production from Municipal Solid Waste	Rutushri Kadam, , Rutuja Ahire , Pranali Dhamake , Abhijeet Kale , Yugandhara Ingale	IJRSET	2019	2319-8753
95	Earthquake vidration control using modified frame shear wall	Mrs. Subhashini Ramteke, Priyanka patil, Pallavi Pakhare, Kajal Lawand, Priyanka Kharat	DICKENSIAN JOURNAL	2019	0012-2440
96	A Review based on Sentiment Analysis Techniques	Mrs.Priyanka Gupta	International Research journal of Modernization in Engineering Technolgy and	2019	..:2582-5208

			science		
97	Use of Hydro-electric system in automobile application	Sanket S Patil, Brijesh S Patil	International journal for research in engineering application and management	2019	2454-9150
98	Artificial intelligence assisted MOPSO strategy for discerning the exergy efficiency potential of a methanol induced RCCI endeavour through GA coupled multi-attribute decision making approach	Dipankar Kakati *, Srijit Biswas, Rahul Banerjee	Energy Conversion and Management	2019	1879-2228
99	A review on natural and waste material composite as acoustic material	I. Bhingare, N. H., Prakash, S., Jatti, V.S.	Polymer Testing	2019	0142-9418
100	Experimentation & CFD analysis of intercooler fins in two stage reciprocating air compressor	• Pravin T. Nitnaware, Gayatri J Kale, Premendra J. Bansod, Manoj D. Hambarde, Sanjay R. Deodas	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
101	Effects of CNG injection pressure on performance, emission and combustion characteristics of multi-cylinder SI engine	• Pravin T. Nitnaware, Nakul N. Bhange, Premendra J. Bansod, Manoj D. Hambarde	International Journal of Recent Technology and Engineering	2019	2277-3878
102	Experimental Investigation and Analysis of Electrochemical Discharge Machining (ECDM) On Fiberglass Reinforced Plastic (FRP)	Dhanvijay M.R.; Kulkarni V.A.; Doke A.	Journal of The Institution of Engineers (India): Series C	2019	2250-0553
103	Surface plate based method for quick check CMM accuracy measurement	Kulkarni V.; Dhanvijay M.; Momin A.	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075

104	Miscellaneous Time Reduction Strategies during Machining of Bank Top Header by Vertical CNC Drilling Machine	Dr Vinay Kulkarni	International Journal for Research in Engineering Application and Management	2019	2454-9150
105	Exploring Interest Factor in Mathematics Teaching Learning in Engineering Education	Indu Tyagi, Amit Dutta, Vinay Kulkarni	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075
106	Optimization of drilling process parameter during of drilling of AISI 317L stainless steel	Nitin K Kamble ., Vijaykumar S Jatti .,	Engineering Research Express	2019	2631-8695
107	Additives For Scum Reduction In Biogas Plant : A Simplified Testing Methodology	Shyamsing Thakur, Darshan Suryawanshi , Rahul Barjibhe, P. T. Nitnaware, Parag B. Jawanjal	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075
108	Analyze the failure of a suspension system ball joint	S. K. Dhamale	Research Journal of Engineering and Technology	2019	2321-581X
109	Study of PEM fuel cell end plate design by structural analysis based on contact pressure	Dey, Tapobrata and Deshpande, Jaydeep and Singdeo, Debanand and Ghosh, Prakash C	Journal of energy	2019	2314-615X
110	Effect of vehicle geometry on drag coefficient	Bhingare, Nirmala H and Dhamale, Swati K	Research Journal of Engineering and Technology	2019	2321-581X
111	Implementing Flipped Classroom as Innovative Method in Teaching Learning Process	Bhingare, Nirmala H and Dhamale, Swati K	Research Journal of Engineering and Technology	2019	2321-581X

112	Synthesis and characterization of hydroxyapatite to prepare bio material implant	Dhamale S.K.;Honnungar S.S.;Navalgund L.;Gandhe V.;Jatti V.S.	International Journal of Scientific and Technology Research	2019	2277-8616
113	Investigation and Optimization of Process Parameters in Electrical Discharge Machining (EDM) Process for NiTi 60	Gaikwad M.	Materials Research Express	2019	2053-1591
114	Experimentation \& CFD Analysis of Intercooler Fins in Two Stage Reciprocating Air Compressor	Pravin T. Nitnaware, Gayatri J Kale	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075
115	A study on effect of Fused Deposition Modelling process parameters on mechanical properties	VS Jatti, SV Jatti, A Patel, VS Jatti	International Journal of Scientific & Technology Research	2019	2277-8616
116	Process parameter optimization using JAYA algorithm during EDM Machining of NiTi60 Alloy	MU Gaikwad, A Krishnamoorthy, VS Jatti	International Journal of Scientific & Technology Research	2019	2277-8616
117	Influence of Copper Filled Acrylonitrile Butadiene Styrene Composite's on Mechanical Properties in Injection Molding Process	SV Raut, MA Ali, VS Jatti	Journal of Mechanical and Mechanics Engineering	2019	2581-3722
118	Machinability Evaluation of Cryogenically Treated Beryllium Copper in Magnetic Field Assisted Electrical Discharge Machining	SV Jatti, S Chinke, VS Jatti, VS Jatti	International Journal of Mechanical and Production Engineering Research and ...	2019	2249-8001
119	Design and Manufacturing of Hydraulic Un-coiler	Prof. Vaibhav Phule,Sunny Anil Thakurwar, Sangram Sanjay Wadkar, Sagar Dilip Junghare	International Journal for Engineers and Research Scholars (IJERS)	2019	2319-7064

120	Experimental Investigation And Parametric Optimization Of Aa6063/ Aa6351 Alloys Bimetallic Prepared By Vacuum-Assisted Lost Foam Compound Casting Process	Rajender Kumar Tayal, Sudhir Kumar and Arindam Mondal, Sachin Jambhale	International Journal of Metalcasting	2019	2163-3193
121	Alternative Refrigerants With Low Gwp & Odp For Commercial And Domestic Purpose: A Review	Mohani, Ravindra Ram, Sachin Jambhale, Sanjeev Kumar	International Journal of Engineering Sciences Paradigms and Researches (IJESPR)	2019	2319-6564
122	Review On Recent Developments In Nondestructive Testing Techniques For Engineering Applications	Abhijit A. Kulkarni, Sachin R. Jambhale, Sanjeev Kumar, Ruchika Singh	International Journal of Engineering Sciences Paradigms and Researches (IJESPR)	2019	2319-6564
123	Design & Analysis Of Cabin Mounting Bracket For Truck	Krishnakant Mohare , Dr. Kiran More	International Journal of Research and Analytical Reviews (IJRAR)	2019	923-928
124	Extracting silica from rice husk	Rohan Patel, Sanket Patil, Vishwanath Chaudhari, Laxman Khose	International journal of research in engineering, science and management	2019	2581-5792
125	Development of automatic sand addition hopper	Kulkarni V A	Universal review	2019	2277-2723
126	Development of an artificial neural network based virtual sensing platform for the simultaneous prediction of emission-performance-stability parameters of a diesel engine operating in dual fuel mode with port injected methanol	Dipankar Kakatia, Sumit Royb, □, Rahul Banerjeea	Energy Conversion and Management	2019	1879-2227

127	Analysis Of Effect Of Cutting Parameter Of Wire Electric Discharge Machining On Material Removal Rate And Surface Roughness A Review	Dr.N.K.kamble	Engineering And Technology	2018	2395-0072
128	Comparative Study of FeCl ₃ and CuCl ₂ on Geometrical Features Using Photochemical Machining of Monel 400	Deepakkumar H Patil, Shrikant B Thorat, Rohit A Khake, Sadaiah Mudigonda	Procedia CIRP	2018	2212-8271
129	Design a New Guage by Combining Two Box type of Guages	Nilesh Mahajan, Rohit Jadhav,	Journal of Appllied Science and Computation	2018	1076-5131
130	optimization of sand Preparation to improve core strength and casting quality	Nilesh Mahajan, G K Jadhav, Rohit Jadhav,	International journal for Technological Research in Engineering	2018	2347-4718
131	To improve manufacturing process with help of statistical process control (SPC)	Rohit Jadhav, Nilesh Mahajan	International Journal of Scientific, Reaserch and Development	2018	2321-0613
132	State of the ArtIn Supply Chain Management A Comprehensive Review	Dr SS Sarnobat	Proceedings Of International Conference On Advances In Computer Technology And Management	2018	2454-7875
133	Prediction Of Surface Roughness Form Cutting Tool Vibrations In Hard Turning Of AISI D2 Steel Of Different Hardness With Conventional And Wiper Geometry CBN Inserts	Dr.Sandeep. S.Sarnobat	Applied Mechanical Engineering	2018	2168-9873
134	Boundary Layer Flows for Visco Elastic Fluids Over Stretching Sheet Embeded in Porus Media	Sanjay Mohite, Ganesh Gosavi	Indian Journal of Research and Analytical Review	2019	2349-5138
135	Ranking and Weightage based MADM algorithm for Next Generation Network Using METLAB	Prabhu Reddy, Ganesh Gosavi	Indian Journal of Research and Analytical Review	2019	2349-5138

C. Conference Publication

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	Vipin Vibhute	NA	Conventional Object Detection Techniques in Robotics: A Review	IEEE International Conference on Computational Techniques, Electronics and Mechanical Systems – CTEMS'18	25 July 2019(conference date December, 21 – 23, 2018)	978-1-5386-7709-4
2	Mrs. A. A. Utikar	NA	Game Pedagogy with TPACK Model: A Learner Centric Method	T4E- IEEE conference 2019	December 2019	978-1-7281-4227-2
3	Dr.Mrs.P Malathi	NA	The Virtual Touchpad: Real Time Wireless Embedded Hand Gesture Control System Using ANN	International Journal of Pure and Applied Mathematics	8th & 9th May 2018	ISSN: 1314-339
4	Dr.Mrs.P Malathi	NA	MATLAB based Offline Simulink model for Boost System Monitor(BSM) Diagnostics	NA	8th & 9th May 2018	NA
5	Dr.Mrs.P Malathi	NA	Comparison of Protocol based on Architecture in Wireless Multimedia Sensor networks	IEEE Global Conference on Wireless Computing & Networking	23-11-2018	ISBN: 978-1-5386-5201-5
6	Dr.Manish Sharma	NA	Detection of pitch frequency of Indian classical music based on Hilbert-Huang transform for automatic note transcription	IEEE 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	Aug-18	Electronic ISBN:978-1-5386-5257-2 Print on Demand(PoD) ISBN:978-1-5386-5258-9

7	Dr.Manish Sharma	NA	Dynamic Actor Critic Reinforcement Learning based radio resource Scheduling for LTE-Advanced	IEEE 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	Aug-18	Electronic ISBN:978-1-5386-5257-2 Print on Demand(PoD) ISBN:978-1-5386-5258-9
8	Dr.Manish Sharma Mrs.TrupitiWagh	NA	“Interference Aware Design of NOMA for Large Scale 5G Networks	IEEE 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	Aug-18	Electronic ISBN:978-1-5386-5257-2 Print on Demand(PoD) ISBN:978-1-5386-5258-9
9	Dr.Manish Sharma	NA	10T SRAM Design by using Stack Transistor Technique	IEEE 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	Aug-18	978-1-5386-5257-2 ISBN:978-1-5386-5258-9
10	Mrs.Kamal Jadhav	NA	Robust Pose Invariant face recognition using DCP and LBP	2nd International Conference on Emerging Trends in Science, Engineering & Technology (ICETSET-2018)	29th sept 2018	ISNN:978-93-87793-46-0 ISSN NO : 2249-745
11	Mrs.Sayali Mane	NA	Migration from IPv4 to IPv6	(ICETSET-18) @ DYPCOE on 8th & 9th May 2018	2018	ISSN: 1314-3395 (on-line version)
12	Mrs.SwatiAswale	NA	MP3 File Retrieval	(ICACTM-2018)	NA	2018

13	TapobrataDey, RahulRalebhat, Yogesh Gunjal, SanskrutiDaware, Roshan Dhadiwal and S. Ghorpade	NA	Auxiliary System in Green Energy Vehicle	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
14	Mr. Manoj Joshi, Ms. Indu Manjulkar, Ms. Arti Hirawala	NA	Microstructural and Mechanical Properties of Aluminum/Copper Joined by Friction stir welding	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
15	Vijaykumar S. Jatti, Parth Sas, Sushma Kadam, Yamini, Minal	NA	Welding of Nylon- Nylon by Friction Stir Processing	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
16	Mrs. S.K.Dhamale, Ms. N. H. Bhingare	NA	Recent Advancements in Additive Manufacturing: A review	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
17	Nirmala H Bhingare, Swati K Dhamale	NA	Review Paper on Strain Recovery and Energy Absorbing Capacity Characteristics of Ni-Ti Metal Foam.	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA

18	Mr. Navalkant Konda, Dr. Pravin Deshpande	NA	Conducting poly (aniline-co-o-anisidine) coatings on low carbon steel: Synthesis, characterization and corrosion protection studies	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
19	Mr. Ravindra S. Lahane	NA	Design, Development of Self Locking Dual Worm Gears to Evaluate Performance by FDM Process	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
20	Mr. Ravindra S. Lahane	NA	Vibration Analysis of Cracks Detection in Composite Cantilever Beam	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
21	Ragvendra. V. Kathari and V. S. Hunagund	NA	A Review - Two phase flow regime transition and development of flow in micro channel	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
22	Rohit Patil, Sunil Patil	NA	Design, Analysis and Optimization of Connecting Rod of Diesel Engines Using Finite Element Analysis	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
23	Prof. A. K. Pathak ,Prof. D. K. Sharma, Naman Nitya	NA	Experimental Study of Performance Parameters for Refrigerants R22, R410a and R404a at Different Outlet	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

			Temperatures	Engineering-2018		
24	Prof. Laxman P. Khose Prof. Vaibhav V. Phule	NA	Stress Analysis and Weight Optimization of Connecting Rod using AL Based Composite – FEA Approach	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
25	Prof. V. W. Bembrekar, Akshay Rasane, Om Vaishnav, Ajay Jadhav, Sandip Mirdude	NA	Adverse yaw stabilization in Aircrafts without a vertical tail	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
26	Samadhan D. Bhosale	NA	Energy saving in industry for different parameters.	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
27	Swapnil Ghogardare, Harshvardhan Patil, Ajinkya Deshmukh,	NA	Whirlpool Eco-Friendly Turbine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
28	Prof. Swapnil Ghogardare, Vikas Rathod, Swapnil Phapale, Akshay Shinde, Pushpak Nirmal	NA	Review Paper on Design and Analysis of Leaf Shape Wind Turbine for Energy Generation	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

29	Prof. Swapnil Ghogardare, Sujit Shinde, Chaitanya Wandhekar, Abhijeet Lagad, Gaurav Khairnar	NA	Performance and Emission Characteristics of CI Engine by using Nanoparticles with Blended Biodiesel in Diesel Fuel-A Review Study	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
30	Vijaykumar S. Jatti Vaishnavi A. Gandhe	NA	Magneto- Rheological Fluid Application in Mechanical Engineering: A Review	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
31	Vijaykumar S. Jatti and Ashish Khachane	NA	Optimization of Turning Process Parameters while Machining of AlMg1SiCu using JAYA Algorithm	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
32	Vijaykumar S Jatti and Akshaykumar P. Patel	NA	A Review On Application Of 3d Printing In Biomedical Field	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
33	Vijaykumar S Jatti and Bhairav A. Patel	NA	Importance of Tool Pin Profiles in Friction Stir Welding and its Structural Analysis	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
34	Mr. Sushant S Patil, Mr. Shekhar Musane	NA	Experimental Analysis On Impact Of Alcohol Blends On Si Engine Performance And Emission	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
35	Vijaykumar S Jatti, Vinod T. Chavan, Mayur V. Bhoje, Amit V. Zanke, Niraj R. Bobade	NA	Design and Development of Pick and Place Machine for Forging Application	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
36	Vijaykumar S Jatti and Satyam Sudan, Rohan Patel, HimanshShrivastav, Shivam Patel	NA	Silica Extraction from Rice Husk	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
37	Dr. Vijaykumar S Jatti and Sandip J Patil	NA	Contact Pressure Analysis of Crankcase Gasket Interface	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
38	Shyamsing V. Thakur, Ramsing V. Thakur, Sagar Desai	NA	A Systematic Implementation of Lean Manufacturing Technique: A Case Study	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
39	Prof. (Dr.) Rahulkumar S. Hingole, Sumit S. Nandre	NA	Analysis Of Fuel Energizer For Improving Efficiency In the Application of Motor-Cycles	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

40	Dr. R. S. Hingole, Amar jadhav	NA	Preparation And CharactarizationOf Nanofluids	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
41	Sandeep Desai, Shital Gaikwad, Rutukesh Bhosale	NA	Influence of Forging and Machining parameters on biodegradability of Mg-Ca1.0 Biodegradable Alloy	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
42	Sachin Marjapure	NA	Oil Cooling InHydrrauiic System Using Heat Pump	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
43	Prof. Swapnil Ghogardare, Saumitra R. Lonkar, Shashank A. Sahare, Prasad S. Baraskar	NA	Improving plant capacity and productivity along with automation in filter line	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
44	S R Deodas, Nikhil Phalle	NA	Experimental Investigation of Forced Convection Heat Transfer Enhancement System with Flow Divider Type Insert in Circular Pipe	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

45	S. R. Deodas, Sharjil Mogal	NA	Design and Experimental Analysis Study to Improve the Performance of Shell and Tube Heat Exchangers Using Helical Baffles	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
46	Dr. S S Sarnobat, P. Gatkawar, Dr. T. Dey	NA	Biomedical application of Shape Memory Polymer	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
47	Dr. P T Nitnaware, J P Nitnaware, Nakul Bhange	NA	Gaps and Attainment of CNG Fueled Gasoline Engine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
48	Dr. T. Dey, Shubham Deshpande	NA	Study On Factors Affecting Leakages Through Valve Sealing	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
49	N R Pawar, Aditya Harode, Ansh Sood, Deepak Kumar	NA	Performance Analysis of SI Engine Fuelled with Blend of Brown Gas (HHO) and Gasoline Fuel	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

50	Dr. D R Panchagade, Ajinkya S. Tekade	NA	Experimental Analysis of SI Engine by HHO Gas Method	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
51	Dr.D.R.Panchagade, R. Nalawade	NA	Design And Optimization Of Bearing Bush Die	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
52	Mr. Vikram Kulkarni, Mr. SantoshKumarBawage	NA	Design and Analysis of Input Shaft of Manual Rice Planter	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
53	Dr.D.R.Panchagade, Ms. Bhagyashri Y. Zope	NA	Finite Element Analysis of Cracked Beam Using FFT Analyzer	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
54	Prof. D. K. Sharma, Pravin M. Shinde, Ganesh S. Yeole, Abhijeet B. Mohite, B. H. Mahajan	NA	Experimental and Theoretical Analysis of Triple Concentric Tube Heat Exchanger	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
55	Vinayak W Bembrekar	NA	Micro structural Analysis of Friction Drilled Copper and Aluminum Component by using tungsten	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

			carbide Tool	Engineering-2018		
56	Prof. Sunil Patil, Rohit Patil, Gautami Dhuri	NA	Mixed mode stress intensity factors for semi elliptical surface cracks in a hollow shaft subjected to torsion	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
57	Prof. D. K. Sharma, S. Sirke, R. Kumar, K. Sen, Avinash Kumar	NA	Design Development Fabrication Of Bladeless turbine For Waste Pressure Recovery	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
58	Dr. D R Panchagade, V. Hude, G. Awagan, A. Daundkar, Shweta Shende, B N Sadavarte	NA	Fabrication of Semi-Automatic Dish Washing Machine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
59	Mr. Shekhar Musane, Mr. S. S. Patil	NA	Analytical Study Of Power Produced By Seebeck Effect From Exhaust Heat Of A Two-Wheeler	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
60	Mr. V V Kulkarni Mr. Bhushan S Pawar, Mr. Rushikesh G Patil	NA	Fuel Injection System For Petrol (EFI)”	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

61	Mr. V V Kulkarni, Mr. Bhushan S Pawar, Mr Rushikesh G Patil	NA	Study of Automotive Chassis	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
62	Mr. Swapnil Taware, RushirajKadge, Kaustubh Kakade, Vaibhav Mohale, Prashant Biradar	NA	Design Of Split Casing Open differential without cross pin and it's comparison with conventional differential	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
63	Dr.Vijaykumar S. Jatti, Vinod Chavan, Niraj Bobade, Amit Zanke, Mayur Bhoje	NA	Design Of Pick And Place Machine For Forged Cylindrical Parts	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
64	Dr. D R Panchagade, A. R. Tayade	NA	Design and Analysis of Torque Limiter using 3D Printed Component	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
65	Mr. Vikram Kulkarni, AdeshKhade, S. Kharabe, K. Pawale	NA	Review Paper on Greywater Recycling and its Utilization	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
66	Mr. Swapnil Taware, RushirajKadge	NA	Power output of Split Casing Open Differential without Cross Pin	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
67	Mr. Swapnil Taware, Vaibhav Mohale	NA	Material selection and acceleration of vehicle with Split Casing Open Differential without Cross Pin	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
68	Mr. Santosh Kumar Bawage, Vikram Kulkarni	NA	A Principle and Working of Multispeed Right Angle Friction Gear	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
69	Mr. A. Akharatmol, H. N Maru, N.B Khairnar, Dr D R Panchagade, Dr K Sharma	NA	Design of Pool Water Management System for Storage of Radioactive Materials	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
70	Prof. Dr.Rahulkumar S. Hingole	NA	Reduction of Springback Effect in Aluminium Perforated Sheet Metal Component	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
71	Mr. Vaibhav V. Phule, Laxman P. Khose	NA	Effect of Powder Mixed EDM Process Parameters on Material Removal Rate of Inconel-718	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

72	Prof. Sanjay Deodas, Vineet Nair, Swapnil Nagawade	NA	Determination of Thermal Conductivity of Bakelite Using Guarded Hot Plate Apparatus	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
73	Prof. V. Kulkarni, L. Chindarkar, S. Kharabe, S. Barhatte, D. Dhurve	NA	Transmission Drive for Rotary Union Test Rig	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
74	Mr. Swapnil Taware, Mr. Kaustubh Kakade	NA	Cost estimation and acceleration of vehicle with Split Casing Open Differential without Cross Pin	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
75	Lalita M. Landge, Usha A. Jadhav	NA	Duty-Cycle Measurement and Correction Technique in 90-nm CMOS	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
76	Dr. Manish Sharma, S. K. Mapari	NA	10T SRAM design by using stack transistor technique	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
77	Dr. S. S. Sarnobat, Rushikesh Ubale	NA	A Review Of Minimum Quantity Lubrication (Mql) On Machining Processes	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
78	Mr. S. Bawage, A. R. Indore, Mayur V. Patil, Ajinkya S. Mane	NA	Design and Development of Mini Sugarcane Lifter	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
79	Dr.R.S.Hingole, Yash Gavali, Chinmay Biniwale	NA	Variable Compression Ratio Engines and a test of its performance characteristics	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
80	Dr.R.S.Hingole, SuyeshaNavle	NA	Gasoline Direct Injection	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
81	Mr. Arun Kumar Battu, C. Limbadri	NA	Design optimization of Pressure vessels using artificial bee colony optimization technique combined with adaptive penalty method	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
82	Arun Kumar Battu, C. Limbadri, Mr. Abhijeet Umale, Sunny Kumar	NA	Developing Seat Durability Testing Machine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

83	N. H Bhingare, Ilatwar S.V, Pawar D. V, Shewale R. M, Sodmise S	NA	Review Paper on Vehicle Suspension System Control	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
84	Dr Ganesh K Jadhav, Mr Satish Gawas, Mr. Pravin D Devkate	NA	Assembly Interlocking System with Data Acquisition	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
85	Dr. D. R. Panchagade, Akshay B. Chhajed	NA	Design of Overhead Crane for Pouring Molten Metal in Casting Cavity	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
86	Dr. R. S. Hingole, Rahul D.Suryawanshi	NA	Effect of slight pitch difference on the fatigue life of bolt	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
87	Dr. R. S. Hingole,Nishant Masane	NA	Design and Development of Spur Pinion in Loading Condition with Different Material for 1800 Flipping Machine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering- 2018	2018	NA
88	Nagraj Dixit, Dr.RahulkumarHingole	NA	Web-Enabled Expert System for Metal Forming Processes	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
89	Dr. R. S. Hingole, Dhananjay R. Patil	NA	Design and Analysis of Anti-Roll Bar Under Static Loading Condition	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
90	Mrs. S. Dhamale, Akash M. Joshi	NA	Weight Reduction of Steering Knuckle of Vehicle	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
91	Dr. Kulkarni V.A, Akshay Suresh Doke	NA	Experimental And Theoretical Investigations In Electro Chemical Discharge Machining (Ecdm) - A Review	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
92	Mr. S.R. Deodas, Subhash Ghadageand	NA	Machinability of Hardened Alloy Steel using Cryogenic Machining	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
93	Mr. Ralebhat R.S, Wani S, Mer Y, Gadpayale P, Sheikh M	NA	Kinetic Energy Recovery System for Automobile Suspension	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

94	R.Ralebhat, A. Jaware, Gaurav Sonawane, Shraddha Bhagat	NA	Application Of Seven Quality Tools To Reduce Rejection Of Shift Fork 3rd 4th (S101)	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
95	R.Ralebhat, R.Roshan, S.S Sarnobat	NA	Heat Stress Management Practices in Poultry	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
96	Dr.T.Dey, Mahendrasingh T. Rohel	NA	Study Of Jatpha oil as an C.I. Engine Fuel	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
97	Dr. R. S. Hingole, MarlapalleBapurao	NA	Comparative study of Springback effect analysis in sheet metal forming Parameters-Case Study	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
98	Mr. Anup Chaple, Amit Nikam, Chetan Shegokar, Kale vishal	NA	Design and development of automatic gear error detector using image processing in MATLAB.	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
99	A. Chaple, V. Rathod, S. Janotkar, N. Daundkar, A. Mahajan	NA	Design of Piezoelectric Material for Generation of Electricity	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
100	Mr. Yogesh Kamble	NA	An Influence of Main Process Parameters by an Advanced Method Thermal Drilling Process: A Review Paper	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
101	Mr. Rajvardhan Patil, Mr. Mukund Chougale, Mr. Nilesh Pawar	NA	Incorporation of Mathematical Modeling to Predict the Flow and Flood Conditions of River Basin	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
102	Swati Dhamale, Priya Gawade, Dr.Tapobrata Dey	NA	Analyze The Failure Of A Suspension System Ball Joint	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
103	Vaibhav V. Phule, Girish D. Rasal,Rohan R. Londhe	NA	Design Mathematical Modeling of Elastomeric Bearings with Shape Memory Alloy for Seismic Isolation	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
104	Dr. N. K. Kamble, Mr. P R Padave	NA	Compressive Review of EDM Processes	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

105	Ms. Raveena Singal, Dr. T. Dey	NA	Parametric Study on thermal analysis of Piston	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
106	Ramsing V. Thakur, Yogesh S. Andhale	NA	Analysis of Notched Fin Array Dissipating Heat by Natural Convection	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
107	Dr. Tapobrata Dey, Pavanjeet K. Wagh	NA	Study The Effect Of Defects On Fatigue Life On Helical Coil Spring	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
108	Dr. T. Dey, Ms. Sonal Nareddiwar, Mr. R. Sunilkumar	NA	Packaging Design, Weld Fatigue analysis and Validation of Diesel Exhaust After-treatment System	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
109	Mrs. Soniya K. Bastwade, Ms. Neha D. Patil. Aditi A. Kalia	NA	Applications of Cloud Computing in Perilous Mechanical Industries	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
110	Rachit Roshan, Vaibhav Phule, Rahul S Ralebhat	NA	Experimental Investigation & Cost Analysis on Performance of C.I. Engine using mixture of Diesel and Biogas	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
111	Vivek T. Patil, Vidya Thorat, Sanjay Mohite, Santosh Korde	NA	Selfish Attack detection mechanism using COOPON in Cognitive Radio	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
112	Mrs.NilamS.Patil, Mrs. Shanti. K. Guru	NA	A Survey of Rough Sets in Machine Learning	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
113	Mrs. Shanti. K. Guru, Mrs.NilamS.Patil	NA	Review on Wireless Sensor Networks in Human Health Monitoring	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
114	Namrata Jalagi , Prof. Manoj Joshi , Mr. Sandesh Patil	NA	Analysis Led Design Of Fan Drive Assembly	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
115	Rahul Kumar Hingole, Marlapalle Bapurao	NA	Comparative study of Springback effect analysis in sheet metal forming Parameters-Case Study	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

116	Dr.Tapobrata Dey, Shubham Sharma	NA	Comparision Of Quench Tempered And Micro Alloyed Steel Material Diesel Engine Crank Shaft	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
117	Vidya Thorat, Vivek T. Patil	NA	Cancer Nodule Detection of Lung by using computerised Diagnosis	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
118	Mrs. VrushaliUttarwar, Mrs. Priyanka Chaudhary	NA	A Glance of Improving Quality of Services (Qos) For Mobile Adhoc Network: A Survey	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
119	Mr.SachinMarjapure, Vipul kadam, Pravin Khedkar	NA	Design And Analysis Of Limited Slip Differential	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
120	Mrs. S. K. Dhamale, PinakDange, Sagar Rane, Lalit Raut, R. Dube	NA	Design and Development of Permanent Magnet Clutch using Differential Mechanism	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
121	Mrs. S. K. Dhamale, Pranav Bairagi, Ajinkya Khandale, Shaikh Aaquib, Ashish Jadhav	NA	Design and Development of Unmanned Ground Vehicle	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
122	Mr. Swapnil Taware	NA	Static Analysis of Conical Compression Springs in Comparison with Cylindrical Compression Spring	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
123	Santosh K. Bawage, Akash Khote, NishudhanLunkad, Prathamesh Murumkar	NA	Design And Fabrication Of Contactless Energy Generation Using Flywheel For Electric Vehicle	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
124	Prof.SantoshkumarBawageMr .Mane Ajinkya	NA	A review on development of sugarcane lifter	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
125	Dr. S. Kotrappa, Dr. Kshama V. Kulhalli, Mr. Abhijit J. Patankar	NA	Decision support and Data Mining for Donation Support system	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
126	Prof. R S Hingole, Mr.VishwanathHunagund	NA	Research in Engineering Education: A Review	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA

127	Mr. Kiran B. Choudhary, Ms. Pratibha Gatkawar, Prof. (Dr.) S. S. Sarnobat	NA	Review of EDM simulation: finite element-based calculation of deformation, microstructure and residual stresses	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
128	Utkarsha Kharade , P T Nitnaware	NA	Numerical Investigation of Air/Fuel Ratio in Carburetor with Different Fuel Nozzle Diameter	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
129	Nitnaware P. T. Bhande A. S., Bhagat R. V., Anwer D., Anand A.	NA	Modelling of Chassis for All Terrian Vehicle	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
130	Pravin T. Nitnaware, Pawan Kumawat	NA	CFD Analysis of Nano-Fluid Used in Automobile Radiator as Coolant	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
131	Mrs. Swati Dhamale	NA	Design and Fabrication of Eco-friendly vehicle for physically handicapped person	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
132	Ms. Pratibha Gatkawar, Dr. S. S. Sarnobat	NA	Study of Valve Leak Test Machine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing	2018	NA

				Engineering-2018		
133	AjinkyaBurande, PiyushBhakare and Dr. T. Dey	NA	Design an Air Intake System for FSAE Race Car of KTM Duke 390cc Engine.	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
134	A. N. Markad, Sangramsing D. Parmar, Sachin R. Patil, Anushree K. Lakhapati, Sunil S. Patil.	NA	Design and Analysis of Twin Hydraulic Master Cylinder and Pneumatic Shock Absorber	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
135	Ankush Fuse, Parth Ditanwala , Saurabh Wakchaware, Shantanu Dahake ,Prof. R. S.Lahane	NA	Multi-Crop Harvesting Machine	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
136	Ankita Mozar, Komal Mahanavar, Snehal Kedar, Aboli Barge, Prof. R. S.Lahane	NA	Design and Vibration Analysis of Screw Compressor	International Conference on Innovations in Thermal, Design, Materials and Manufacturing Engineering-2018	2018	NA
137	Ms Bhagyashree Tingare	NA	Survey On Various Technique used in Artificial Intelligence	International Journal of Management ,Technology and engineering	2019	ISSN: 2249-7455

138	Ms Bhagyashree Tingare	NA	Evaluating and Improving the Performance of 3D Cryptosystem with single - Multi Phase Framework on Multi core System	International Journal of Management ,Technology and engineering	2019	ISSN: 2249-7455
139	P R Padwe	NA	A Case Study on Importance of Human Physiological Paarameters Measurements in Human Factor	Energy Symposium2018	2018	NA
140	Meenakshi Landge , Ramakant Ingle	NA	Effect of Concentric and Eccentric Loading on floor Response Spectra	7th International congress on computational Mechanics and Simulation	2018	NA
141	Manish Chettiar ,Amansingh,SagarDaf,MohammadIbraheem	NA	Analytics and Material Optimization of Steering Knuckle using FEA	International Conference on New Era in Technologies , science and Role of Management	Apr-19	NA
142	KrishakantMohare,Dr Kiran More	NA	Design and analysis of Cabin Mounting Bracket for truck	ICIMCE 2019,DYPIET PUNE	Apr-19	NA
143	Vaibhav V. Phule	NA	Study of Application of Information & communication Technology for Improvement of the Learning Process	National synopsis on Innovation in Teaching Learning Process	Dec-18	NA

144	Vinay Kulkarni	NA	Use of Think Pair Share as an active Learning strategy to Teach Quality Control	National synopsis on Innovation in Teaching Learning Process	Dec-18	NA
145	Vinay Kulkarni, Anand Bewoor	Metrology and Measurement	NA	NA	2017	NA
146	Harish Kumar Prashant Jain	Recent Advances in Mechanical engineering	NA	Proceedings of NCAME 2019	2019	NA
147	Jaganathan Jaya Prakash Kokkeongchoong Mohammed Parvez Anwar	Advances in construction Materials and structures	NA	NA	2019	NA
148	Vinay Kulkarni, Bahuja	NA	Design Development of Zirconia Dolerite Ball Plate for error Mapping of Probe type coordinate Measuring Machine	Springer Nature singapore	2019	NA
149	Vedashri Pardeshi, Trupti Wagh	NA	Interference aware Design of NOMA for Large Scale 5G Network	IEEE Explore	2019	NA

150	Deepali Gothawal	NA	Review on Routing Performance Matrices Tools Security attacks and Defense Mechanism in context of Internet of things	4th International Conference on Computing ,communication ,control Automation	2018	NA
151	Prashant Pawar ,BabruvahanRonge,anurupVi bhute	NA	Advanced Technologies for societal aplication	Proceedings of 2nd Inter National Conference on Advanced Technologies For societal application	2018	NA

B. Patents

Sr No	Name of Inventors	Patent/Copy right	Title Of The Invention	Granted/Published
1	Mr.Rahul B. Dhabale Dr.Vijaykumar S. Jatti	Patent	Joint Design-Method of Introducing any Type of Metal Wire in between Joint 2(Butt onfiguration) During Under-Water Friction Stir Welding and Friction Stir Welding	Published
2	Deepak Sunil Patil	Patent	Waste Water Reuse Technology in Apartments	Published
3	Dr. P. T. Nitnaware and Dr. R. S. Hingole	Patent	Hydrogen addition in CNG fuelled SI engine to reduced idling speed for NOx reduction and fuel economy	Published
4	Dr. P. T. Nitnaware and Dr. R. S. Hingole	Patent	Intake air cooling of CNG operated SI engine using CNG pressure regulator	Published
5	R. S. Lahane and Dr. R. S. Hingole	Patent	Design and development of sugarcane harvesting machine (Dadoshm)	Published
6	VivekVithalraoDiware, RavindraSadashivLahane, Samadhan Dattatray Bhosale	Patent	Dual Fuel Brooder for poultry farm	Published
7	Deepak S Patil, S.V. Thakur and Dr. R. S. Hingole	Patent	Design of multipurpose underground pipe	Published
8	S. V. Thakur and S. Agarwal	Patent	Portable cheapest biodigester for biogas production	Published
9	Deepak Kumar Sharma, Ajay Kumar Pathak, Dr. R. S. Hingole, Sushant S. Patil, Swapnil VijayGhogardare, NileshRamchandraPawar, NamanNitya	Patent	Design and development of power generation machine using speed breaker	Published
10	Mrs. SwatiKDhamale, Pranav R Bairagi, Ajinkya A Khandale, Ritesh R Jain, Shridhar S Kulkarni, Ganesh S Ugale	Patent	Integration of mine detection, Cantilever mechanism, Arms and ammunition for Unmanned Ground Vehicle	Published

11	Mr. Sunil Patil	Patent	Mirror adjustment for lane change	Published
12	Mr. Vikram Kulkrani	Patent	Coding for socks to aid blind persons	Published
13	Mr. Vishwanath Hunagund	Patent	Walking stick cum chair fopr blind person	Published
14	Mr. Vinayak Bembreakr	Patent	A SMS operated automatic door lock system to avoid theft problems and false pratices	Published
15	Mr. S Bawage, Mr Kathari, Mr. S SPatil, Mr. V Hunagund, Mr. V Kulkarni &Dr. R S Hingole	Patent	A Safe Swin Band	Published
16	Dr Pravin Nitnaware& Dr RahulkumarHingole	Patent	Design and fabrication of fertisedd driller and planter	Published
17	Deepak Sunil Patil, Taware Swapnil Yashwant, SantoshKumarBawage	Patent	Semi Automatic Toilet Seat	Published
18	Deepak Sunil Patil	Patent	Detecting exact centre of any size paper for purpose of punchibg holes without folding the paper	Published
19	Dr.Rahulkumar S. Hingole Dhananjay R. Patil	Patent	CNC Router Used For Profile Cutting Of Shock Absorber	Published
20	Dr.Rahulkumar S. Hingole Akshay B. Chhajed	Patent	Overhead Crane for Pouring Molten Metal in Casting Cavity	Published
21	Dr.Rahulkumar S. Hingole Nishant G. Masane	Patent	Spur Pinion in Loading Condition with Different Material for 1800 Flipping Machine	Published
22	Mr. Rahul B. Dhabale and Dr. V. S. Jatti	Patent	Design of tool for friction stir welding	Published
23	Mr. Rahul B. Dhabale and Dr. V. S. Jatti	Patent	Honey-epoxy resin-copper powder-cotton: A bio-composite	Published
24	Mr. Rahul B. Dhabale and Dr. V. S. Jatti	Patent	Honey as plasticizer for epoxy resin	Published
25	Jayesh R. Sontakke, Tapobrata Dey and Sandeep S. Sarnobat	Patent	Power Generation through Pump-Turbine Rig	Published
26	Mrs. Lina Chetan Pawar ,Dr. D.G. Khairnar	Patent	Scalable and Energy Efficient Communication Using Multirate Sampling For 5G	published

27	Piyush Chimote, Dr. D.G. Khairnar, Dr. Manish Sharma, Mrs. Rutuja A. Deshmukh	Patent	10t Sram Design Using Stack Transistor Technique	Published
28	RachanaSangitrao,Dr. B.B. Musmade, Dr. D.G. Khairnar, Dr. Manish Sharma, Mrs. Rutuja A. Deshmukh	Patent	Milk Pasteurization to substantially reduce the levels of spoilage	Published
29	S. P. Patil, Sayali N. Mane, J.J. Jadhav ,N.V.Mane, Y. R. Patil	Patent	Illumination sensing system to give automatic head lamps passing indication to opposite vehicle	Published
30	SnehaMapari, Dr. D.G. Khairnar, Dr. Manish Sharma, Mrs. Rutuja A. Deshmukh	Patent	16 Bit Dll Multiplier Using Low Power Pulse Generator	Published
31	Ms. Rachana Sangitrao; Mrs. Rutuja A. Deshmukh; Dr. D. G. Khairnar; Dr. B. B. Musmade; Dr. Manish Sharma; Dr. Vijay M. Wadhai; Dr. Mrs. P. Malathi; Mr. Milind Pundlik; Mr. Anup R. Sangitrao; Mrs. Neelam D. Deshmukh	Patent	An Altration in Automation of Sewage Treatment Plant using PLC & SCADA	Published
32	Mr. Prabhu Reddy, Ms. Prajakta Tare, Mr. NiketBhatambare	Patent	Smart Assistive for people having hearing disabilityandvvision impairment	Published
33	Mr. Shivamborse, Dr. P. Malathi, Mrs. Manisha Rajput, Mrs. Snehalgaikwad	Patent	ICUR-Overhead Intelligent Crop Protection from unexpected rainfall and overheat	Published
34	Mrs. Snehal Gaikwad, Dr. Mrs. P. Malathi	Copyright	Performance Enhancement of massive MIMO using Optimal antenna selection towards sub array switching system	Published
35	Mr. Kundankumar Rameshwar Saraf, Dr. Mrs. P. Malathi	Copyright	Security Enhancement of Cyber Physical System using modified encryption techique	Published

36	Sayali Nitin Mane	Patent	Vehicle Tire Wear Out Engraved Studs Indicator	Published
37	Sayali Nitin Mane, Nitin Vishwasrao Mane	Patent	Fixed amount dispenser for deformable tube packed semi solid material	Published
38	Ms. Deepali B. Gothwal	Copy Rights	Contextual Multi-Factor Trust Measurement	Registered
39	Ms.Shubhangi Shrikant Khetmar Kalyan DevappaBamane	Patent	Enhancement In Home Automation Digitization System For Misplaced Things	Published
40	Mr.KalyanBamane , Ms.DiptiPisharodi, Ms.RaashiThakran, Ms.Kritika Mishra, Ms.Akanshabhendale	Patent	Alcohol Detection health and ride monitoring systemin Cabs	Published
41	Mr. R.Prabhu Reddy Miss. Prajakta Tare Mr. BhatambreNiketWaman rao	Patent	Smart Assistive Armlet for People having Hearing Diasbility and Vision Impairment	Published
42	Pawandeep Singh Dhall, Sameer Deshpande, Anushka Despande, Ishika Prasad	Patent	The Palanca	Published
43	Pawandeep Singh Dhall, Sameer Deshpande, Anushka Despande, Ishika Prasad	Patent	The Detener	Published
44	Pawandeep Singh Dhall, Sameer Deshpande, Anushka Despande, Ishika Prasad	Patent	The Velocidad	Published
45	Dr.A.B.More	Patent	CVR-FOR-USW: Continiousflow vermi- reactor for fast track urban solid waste treatment	Published
46	Dr.A.B.More	Patent	DLVBI-System: Drivers License validation using Biometric Intellegent System	Published
47	Dr.A.B.More	Patent	IGC- System: Intellegent Garbage Collection System	Published

48	Anahita Chatterjee, Sachin J. Mane, Dr. Ashok B. More, Kailas K. Biradar, Mukund P. Chougale, Mahesh Tatikonda, Lokesh Chatterjee	Patent	CDPW-HZSM-5: Catalytic Depolymerisation Of Polystyrene Waste Using HZSM-5	Published
49	Dushyant Topiwala, Dr.Basavara J Balapgol, Dr. Sandeep Shiyekar, Subhashini Ramteke, BhagyashriPardeshi, Dr. Ashok More, Pramod Jadhav	Patent	ENW-WATER: Effects Of Nanomaterials on COD Of Waste Water	Published
50	Aashima Sharma, Sachin J. Mane, Dr. Ashok B. More, Aradhana R. Chavan, Sudhanshu S. Pathak, Aarti A. Hiremath	Patent	HWE-TREATMENT: Treatment of Hospital Waste Water using Electrocoagulation	Published
51	Dr. Vinay Arun Kulkarni Prof Dr.BharatkumarBhagatr aj Ahuja Momin A.Y. Dr. (Mrs.) Arati Vinayak Mulay Dr. M. R. Dhanvijay Prof Dr Mrs P Malathi Mr. Sylvester Patil	Patent	CMM Interim Check by using Zirconia-CFRP Ball Plate Artifact	Published
52	Dr.NitinKundliKamble Dr Sandeep S Sarnobat Mr.Shraban Kumar Apat Dr.N.Tulasi Radha Dr. Pravin Patil Dr. Santosh Kumar Sharma Dr. Manjunath	Patent	Design of Automatic Hand Brake System	Published
53	Dr. R. John Martin Dr. Nitin KundlikKamble Prof. (Dr.) Anurag Dixit Prof. Chintal Upendra Raval Dr.SheshangDegadwala Dr. Pooja Sharma	Patent	Artificial Intelligence Based Decision Making Intelligent Humanoid Robot	Published

54	Ms. Rachana R. Sangitrao; Dr. B. B. Musmade; Dr. D. G. Khairnar; Dr. Manish Sharma; Mrs. Rutuja A. Deshmukh	Patent	Milk Pasteurization To Substantially Reduce The Levels Of Spoilage Organisms	Published
55	Sandeep Patil, Mrs. Sayali N Mane, Mr. Nitin V Mane, Mr. Yuvraj Patil, Ms. Jyoti Jadhav	Patent	Illumination sensing system to give automatic head lamps passing indication to opposite vehicle	Published
56	Ms. Rachana Sangitrao; Mrs. Rutuja A. Deshmukh; Dr. D. G. Khairnar; Dr. B. B. Musmade; Dr. Manish Sharma; Dr. Vijay M. Wadhai; Dr. Mrs. P. Malathi; Mr. Milind Pundlik; Mr. Anup R. Sangitrao; Mrs. Neelam D. Deshmukh	Patent	An AltrationIn Automation of Sewage Treatment Plant using PLC & SCADA	Published
57	Mrs.Sayali N. Mane, J.J. Jadhav , N.V.Mane, S.P.Patil,Y.R.Patil	Patent	Vehicle Tirewear out engraved studes indicator	Published
58	Mrs.Sayali N. Mane Mr. Nitin V. Mane	Patent	Fixed amount dispenser for deformable tube packed semi solid material	Published

C. Funded projects

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)
AICTE-SPDP Software Skill Development Program for SC/ST Students.	D Y Patil College of Engineering	Information Technology	2019	712000	730 Days	AICTE	Government
Faculty Development Programme on " Imparting Outcome based education (OBE) in Professional education : objectives, best Practices & Measurement of Outcomes	Dr. Vinay A Kulkarni	Mechanical Engineering	2019	506000	730 Days	AICTE	Government
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
MODROB on Advanced Wireless Communication and Internet of Things Laboratory	Dr.Mrs. P. Malathi	E & TC Department	2019	1318000	730 Days	All India Council for Technical Education	Government
Development of Equipment setup in the field of	Dr. Vinay A Kulkarni	Mechanical Engine	2019	108000	365 Days	Microstar Gauging and	Non-Government

Metrology		ering				Technolo gies, Hadapsar, Pune	
Reduction in Measurement takt time by integrating uncertainty evaluation by CMM Measurement	Dr. Vinay A Kulkarni	Mecha nical Engine ering	2019	110000	273 Days	Microstar Gauging and Technologies, Hadapsar, Pune	Non-Government
Production Internship				25000	365 Days	M/S B K Khose, Pune33	Non-Government
				5000	365 Days	Ramesh and Associates Specialty Construction Chemical and Services	Non-Government
				1000	365 Days	Digital Skill India Pvt Ltd, Pune	Non-Government
				36000	180 Days	Volkswag en India Pvt. Ltd.	Non-Government
				240000	180 Days	Thermax Ltd	Non-Government
				150000	180 Days	Kores India Ltd.	Non-Government
				240000	180 Days	Godrej Bryce Mfg. Co. Ltd.	Non-Government
				27000	180 Days	Kone Cranes Ltd.	Non-Government
				120000	180 Days	Eaton Technologies Pvt. Ltd.	Non-Government
				120000	180	Divgi	Non-

					Days	TTS Pvt. Ltd.	Government
				48000	180 Days	Jindal steel Ltd	Non-Government
				180000	180 Days	A1 Fence Products Company Pvt. Ltd	Non-Government
				24000	180 Days	Forbes Marshal India Pvt. Ltd.	Non-Government
				1325661	365 Days	DY Patil College of Engineering, Akurdi, Pune	Non-Government
				27500	365 Days	DY Patil College of Engineering, Akurdi, Pune	Non-Government
				228000	365 Days	Atlas Copco	Non-Government
Material Surface Modification & Special Purpose Machine Design	Mrs.SwatiDhamale, Ms. Nirmala Bhingare	Mechanical Engineering	2019	50000	150 Days	Kimaya Engineering	Non Government
Retrofit of Tube making Machines	Dr. B.B. Musmade	Instrumentation Department	2019	51000	330 days	ASR Automation	Non Government

14. Faculty Achievement /Recognition

Sr No	Name of Teacher	Name of Body	Date of appointment	Duration
1.	Dr. Mrs. P. Malathi	SPPU Chairman & paper setter for UG & PG subject	2017-18	Till Date
2.	Dr. P T Nitnaware	SPPU Paper Setter	2018	Till Date
3.	Mrs Ashwini R Patil	Paper setter for PG - Civil	2018	Till Date
4.	Dr Ashok B More	Paper setter SPPU (PG)	2018	Till Date
5.	Dr.Vinayak Kottawar	SPPU Paper setter / SPPU Syllabus setter	2018	Till Date
6.	Mrs. Manisha Rajput	Paper setter SPPU (PG)	2018	Till Date
7.	Mr. Sachin Mane	best M. Tech Thesis in Civil Engineering & National Award for titled "Cumulative Impact Assessment of Industrial Area:	2019	