



Annual Activity Report 2021-22



D. Y. Patil college of Engineering

Dr. D. Y. Patil Educational Complex, Sector 29, Nigdi Pradhikaran, Akurdi, Pune, Maharashtra

Approved by AICTE & DTE, Affiliated to Savitribai Phule Pune University

Accredited by NAAC Grade- A

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D. Y. Patil College of Engineering, Akurdi, Pune

INSTITUTE CODE : EN6272



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 co curricular 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.

Vision

Empowerment through Knowledge.

Mission

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

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

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

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

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1. Governing Body (GB)

Sr. No.	Category	Name of the member	Position in BoG
1.	Trust or Management nominee as per the constitution or bye - laws with the Chairman or President or Director as the Chairperson and other members	Shri. Satej D. Patil	Chairperson
		Dr. Shri. Sanjay D. Patil	Member, Nominee, Trust
		Mrs. Pratima Satej Patil	Member, Nominee, Trust
		Dr. N. S. Vyawahare	Member, Nominee, Trust
		Mr. P. N. Bhalerao	Member, Nominee, Trust
		Dr. P. K. Sinha	Member, Nominee, Research
		Shri. B.D.Kotkar	Member, Nominee, Educationist
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, SPPU, Pune
6.	Principal of the College	Dr. Mrs. P. Malathi	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. Mrs. P. Malathi

3. Internal Quality Assurance Cell (IQAC)

Name	Designation	Position
Dr. N. S. Vyawahare	Campus Director	Management Representative
Dr. Mrs. P. Malathi	Principal	Chairperson
Dr. Sandeep S Sarnobat	Vice-Principal	Coordinator
Mr. Prashant Bhalerao	Registrar	Administrative office Representative
Dr. Vinay A. Kulkarni	NAAC Coordinator	Member
Dr. Mrs. Preeti Patil	HoD Information Technology	Member
Dr. Madhuri A Potey	HoD Computer Engg.	Member
Dr. B B. Musmade	HoD Instru & Control	Member
Mrs. Shanthi .K Guru	Faculty	Member
Mr. Pradnesh R. Padave	Faculty	Member
Dr. Vijaykumar Jatti	Faculty	Member
Dr. Amit D. Andre	Alumni Representative	Member
4. Mr. Himanshu Jadhav	Industry Representative	Member
5. Mr. Nikhil Deshmukh	Alumni Representative	Member
Mr. Tanmay Mehta	Employer Representative	Member

4. Intake & Enrolment 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	48	24	10	5	32	64	9
Information Technology (UG)	120	120	12	7	29	48	24	10	6	29	62	13
Electronics & Telecommunication (UG)	120	120	12	7	29	48	24	10	0	29	63	18
Instrumentation Engineering (UG)	60	28	6	3	15	24	12	1	0	10	12	5
Mechanical Engineering (UG)	120	106	12	7	29	48	24	15	0	30	44	17
Civil Engineering (UG)	120	101	12	7	29	48	24	12	5	23	35	26
Robotics & Automation (UG)	60	48	6	3	15	24	12	7	0	17	20	4
Artificial Intelligence & Data Science (UG)	120	120	12	7	29	48	24	9	0	29	70	12

5. Summary of Graduating Students with percentage students passing

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
627261210	Mechanical Engineering (UG) – First shift	150	148
627261220	Mechanical Engineering (UG) – Second shift	67	66
627224510	Computer Engineering (UG)	147	144
627224610	Information Technology (UG)	150	146
627237210	Electronics & Telecommunication (UG)	126	83
627246610	Instrumentation Engineering (UG)	85	84
627262610	Production Engineering s/w (UG)	55	55
627219110	Civil Engineering (UG) – First Shift	137	136
627219120	Civil Engineering (UG) – Second Shift	69	69
Total		986	931

6. Student Co-curricular and Extra Curricular Activities

A. Student 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	Learning Python	1 Day	2	2
2	Learning Java	1 Day	1	1
3	The Ultimate My SQL Bootcamp	2 Day	1	1
4	2022 Complete Python Bootcamp	2 Day	1	1
5	C Programming for Beginners	2 Day	1	1
6	Excel: Macros and VBA for Beginners	1 Day	1	1
7	Power BI A-Z Hands on Power BI Training for Data Science	1 Day	1	1
8	Ansys Training	8 Weeks	1	1
9	AutoCAD Training	6 Weeks	1	1
10	Python Complete Course for beginners	1 Day	1	1
11	Internship & Job Preparation	4 Weeks	1	1
12	STTP On Demonstration of Wood Router & CNC Hands on Training	3 Days	16	16
13	Certified course in STAAD Pro	18/05/21 to 27/05/2021	47	47
14	Training on Microstation Software	13/11/21 to 11/12/2021	110	110
15	Building Modern Java Applications on AWS By AWS	1 Months	1	1
16	Completion of Web Development and MLSA Program	1 Months	1	1

17	ETHICAL HACKING AND PENETRATION TESTING	1 WEEK	84	54
18	Microsoft Certified: Azure Data Fundamentals DP-900	1 Months	1	1
19	30 Days of Google Cloud Program 2021	1 Months	1	1
20	Completed challenge of Google Cloud Qwiklabs	1 Months	1	1
21	5 days master class on python programming	5 DAYS	1	1
22	Google analytics for beginners	1 Months	1	1
23	Machine learning certification	1 Months	1	1
24	Web Development	66 HOURS	1	1
25	Completed Android development training	1 Months	1	1
26	Full stack Web developer	6 Months	1	1
27	The fundamental of digital Marketing	40 Hrs	1	1
28	Webinar on humanoid robot design and development	1 Day	1	1
29	National Engineering Olympiad	1 Hr.	1	1
30	REACT-JS WORKSHOP	1 Day	1	1
31	CAD101EN: Introduction to Cloud Development with HTML, CSS, and JavaScript	3 Months	1	1
32	PY0101EN: Python Basics for Data Science	3 Months	2	2
33	AWS-DA-02: Getting Started with Data Analytics on AWS	1 Week	1	1
34	Banking and technology innovation - IDBI INTECH WORKSHOP	3 Days	2	2
35	Hacker Rank - Assessment for the skill Java(Basic)	1 Hr.	3	3
36	Sololearn-HTML Course	2 Week	2	2
37	Debugging Contest for Web Development	1 Day	2	2

38	Java Programming	1 day	1	1
39	Python Workshop	3 Days	60	60
40	Python Coding Contest	1 Day	60	60
41	Master-class on python	30 days	1	1
42	Java-full stack training by 3 ri technology	10 Months	1	1
43	SQL-Mysql for data analytics and business analytics by UDEMY	4 Months	1	1
44	THE BASICS OF 3D PRINTING by Sambhav	1 day	1	1
45	Spark AR by Reskill	1day	1	1
46	Google Data Analytics	5 Months	1	1
47	AI workshop with python basics by Devtown	7 days	1	1
48	Coursera: Foundation: Data, Data, Everywhere	7 days	1	1
49	Learn Apache Maven course by skillup	2 Months	1	1
50	blue teaming internship by virtual cyber lab	2 Months	1	1
51	Advent of cyber by try hack me	24 days	1	1
52	Automation Studio Basic, ST&LD Programming	1 Months	64	64
53	Coursera: Foundations: Data, Data, Everywhere	6 Months	1	1
54	Coursera: Google Data Analytics	6 Months	1	1
55	Coursera: Process Data from Dirty to Clean	6 Months	1	1
56	Coursera: Neural Networks and Deep Learning	4 WEEKS	1	1
57	Data Techlab- Foundation, Data Science and Machine Learning Foundation.	40 Hrs	26	26
58	Ethnus Campus Level Student Training	100 Hrs	46	46

59	Ethnus Campus Level Student Training - TE	40 Hrs	33	33
60	Campus Credential	100 Hrs	53	53
61	Campus Credential - TE	40 Hrs	40	40
62	Campus Credential - FE Addon Training	60 Hrs	330	330
63	ByteXL - FE Training	60 Hrs	517	517
64	Aspire Solutions - FE	60 Hrs	272	272
65	NASSCOM	2 Months	201	201
66	Electronics Circuit Design with Electronic Components identification & testing	1 Day	102	102
67	NPTEL Certification	6 Months	16	16
68	Full stack Web developer	6 Months	1	1
69	Python Project: pillow, tesseract & opencv	1 Months	1	1
70	Training on Core JAVA	6 WEEK	1	1
71	Cloud Engineering track & data science & ML track	30 Days	4	4
72	Communication Skills	30 Days	3	3
73	CSS course	1 Months	1	1
74	The Fundamentals of Digital Marketing	1 Months	1	1
75	Cyber Security awareness training	1 Months	1	1
76	C++ Course	1 Months	1	1
77	Introduction of AI	1 Months	1	1
78	CS101.2X:OOP	1 Months	1	1
79	Machine learning -Linear Regression	1 Months	1	1
80	Data structure & Algorithms course	1 Months	1	1

81	AWS cloud Practitioner Essentials	1 Months	1	1
82	TCS ION Career edge-Young professional	15 Days	1	1
83	Cloud Engineering track	30 Days	1	1
84	Introduction to Ethical Hacking	30 Days	1	1
85	HTML Course	1 Months	1	1
86	DS0101EN:Introduction to Data science	1 Months	1	1
87	PY0101SP:Concept of basics of the python program Data Science	25 Hours	1	1
88	Introduction to cyber security	1 Months	2	2
89	CC0101EN:Introduction to cloud computing	1 Months	1	1
90	C Course	1 Months	1	1
91	Interactivity with JavaScript.	7 days	1	1
92	python & machine learning bootcamp	7 days	1	1
93	TCS iON Career Edge - Young Professional	6 days	1	1
94	30 days of Google cloud campaign	30 days	1	1
95	30 Days of Google Cloud Program 2021	30 days	3	3
96	Anantya	1 day	1	1
97	Business Analytic with Excel	5days	1	1
98	Certified Ethical Hacker Workshop	1 day	1	1
99	Coding blocks competition	1 day	1	1
100	Coding orientation online workshop	1 day	1	1
101	CourseEra	7 days	2	2
102	Cybersecurity and ethical hacking	1day	1	1
103	Cybersecurity Essentials	15 days	1	1

104	Essentials of cloud computing	3 days	1	1
105	Front end with react & development	7 days	1	1
106	Future Skills Prime Hackfest - ML Challenge 2021	1day	1	1
107	Gokuldham Programming League	2 days	1	1
108	IBM	1 day	1	1
109	Virtusa Neural Hack	1day	2	2
110	Introduction to alibaba cloud	5days	1	1
111	ITSA Techfest 2021- General knowledge	3 days	1	1
112	ITSA Techfest 2021-Codemaxima	3 days	1	1
113	Let's React	1 day	1	1
114	LinkedIn	3 hrs	2	2
115	Machine Learning - Linear Regression	7 days	3	3
116	Machine Learning for business professionals	5 days	1	1
117	Maths Marathon 2021	5 days	1	1
118	Microsoft AI Classroom Series	5 days	2	2
119	MultiCloud4U Training on Cloud Computing	1 day	4	4
120	National Quiz Series 2021	1 day		4
121	Python and Deep learning	7 days	1	1
122	ReactJS	1 day	4	4
123	Restore it	3 days	1	1
124	learning python	3hr	2	2
125	Bug bounty and ethical hacking training	7 days	1	1
126	The streak week mega event	2 days	1	1

127	Virtual Agile Experience	1day	1	1
128	Web development	2 month	2	2

B. Student Extra Curricular Activities

Sr. No	Name of the award/ medal	Team / Individual	University / State / National / International	Sports / Cultural	Name of the student
1	3rd Rank 1st Zone Sr Roll Ball Championship 2021 MP	Team	National	Sport	Vaishnavi Dinesh Kulkarni
2	Drawing Competition at Ganesh Talent Hunt	Individual	State	Cultural	Anudip Gupta
3	Drawing Competition at Ganesh Talent Hunt	Individual	State	Cultural	Avinash Sanjay Wani
4	NIEM Award	Individual	National Level	Sports	Abhijit Fadol
5	Silver medal for athletics in discuss throw in SPPU Pune District Zonal Sports Committee intercollegiate sports	Team	Zonal	Sports	Rashi Rawale
6	Runner Up - Basketball Championship	Individual	State	Sports	Abhir Padhye
7	2nd Position -ACES 21 Days	Individual	University Level	Sports	Abhir Padhye
	Pune NCC Group headquarters Silver Medalist - Rifle Shooting (35 m)	Individual	State	Sports	Mr. Abhijit Fadol
8	2nd place in Rollball Women Competition, Jamshedpur	Team	National	Sports	Miss. Kulkarni Vaishnavi
9	Selected for SPPU Zonals Men Cricket Competition	Team	University	Sports	Mr. Raj Jagtap
10	Selected for SPPU Zonals Rollball Women Competition	Team	University	Sports	Miss. Srishti Bailkery, Miss. Thombare Sakshi

11	Selected for SPPU Zonals Rollball Men Competition	Team	University	Sports	Mr. Saindane Jayesh, Mr. Jadhav Tejas
12	BAJA SAEINDIA22, Overall Winner 1st Prize 100000/-	Team	National	Sports	Team
13	BAJA SAEINDIA22, Winner Cost Award 20000/-	Team	National	Sports	Team
14	BAJA SAEINDIA22, Winner Acceleration Award 20000/-	Team	National	Sports	Team
15	BAJA SAEINDIA22, Overall Static Award 1st Runner Up Prize 20000/-	Team	National	Sports	Team
16	BAJA SAEINDIA22, Manueverability Award 1st Runner Up Prize 15000/-	Team	National	Sports	Team
17	BAJA SAEINDIA22, Acceleartion Award 1st Runner Up Prize 15000/-	Team	National	Sports	Team
18	BAJA SAEINDIA22, Brake Performance 1st Runner Up Prize 15000/-	Team	National	Sports	Team
19	BAJA SAEINDIA22, Gradability Sled Pull Rock Crawl 1st Runner Up Prize 15000/-	Team	National	Sports	Team
20	BAJA SAEINDIA22, Winner Engineering Design Award 1st Prize 20000/-	Team	National	Sports	Team
21	BAJA SAEINDIA22, Winner Overall Virtual Dynamic Award 30000/-	Team	National	Sports	Team
22	BAJA SAEINDIA22, Winner Suspension Traction Award 20000/-	Team	National	Sports	Team
23	BAJA SAEINDIA22, Winner Manufacturing Event 20000/-	Team	National	Sports	Team
24	BAJA SAEINDIA22, Winner Durability Event 20000/-	Team	National	Sports	Team
25	BAJA SAEINDIA22, Winner Overall Physical Dynamic Event 30000/-	Team	National	Sports	Team
26	BAJA SAEINDIA22, Winner Raftar Award 20000/-	Team	National	Sports	Team
27	10M Rifle Men(ISSF) National Championship	Individual	National	Sports	Mr Vishwajeet Rishu

7. Extension, Outreach programs & National Service Scheme (NSS) Activities

Sr. No	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1	Ganesh Festival Nirmalya	NSS (24/08/2021)	NSS
2	Vruksha Ropan Abhiyan	NSS (24/06/2021)	NSS
3	Sustainable Workshop	NSS (17/07/2021)	NSS
4	Leprosy Center Visit and donation	Dr Bandarwala Leprosy Center (21/10/2021)	NSS
5	Expert Talk on “Intellectual Property Rights: Patent, Copyrights and Trademarks” by Dr Tapobrata Dey, DYPCOE	Netaji Subhash Engineering, College, Kolkatta	Outreach Activity

8. Training and Placement

Placement Percentage data for Academic Year 2021 – 2022

Sr. No.	Branch	No. of Students	No. of Eligible Students	No. of Students Placed	Higher Studies	Entrepreneurship	Placement % (wrt Intake)	Placement % (wrt Eligibility)
1	Computer	158	149	135	14	1	95	91
2	IT	157	137	126	6	2	85	92
3	E&TC	135	128	122	3	1	93	95
4	Instrumentation	90	80	53	1	0	60	66
5	Mechanical	223	192	159	8	4	77	83
6	Production	71	44	35	1	0	51	80
7	Civil	215	130	90	20	17	59	69
Total		1049	860	720	53	25	76	84

9. Industry Interaction (MoU)

Sr. No.	Name of the MOU Collaboration / linkage	Name of the collaborating agency / institution /industry with whom the MOU / collaboration / linkage is made.	Start date of signing MOU / collaboration / linkage	End date of MOU / collaboration / linkage	List of the actual activities under each MOU
1.	Development MOU	Techno Air Solutions, Pune	21-12-2021	Till date	Consultancy of Rs.60000/-
2.	Internship MOU	i Tech Robotics & Automation Pvt. Ltd.	30-12-2021	29-12-2026	6 Months Internship (Production sandwich training) at i Tech Robotics
3.	Placement MOU	Sorting Hat Technologies Private Limited(Codechef)	27-01-22	Till date	320 students have enrolled for competitive programming and getting its benefits which will help them in improving their coding skills and in placement.
4.	Expert lecture MOU	Fireblaze Technologies Pvt Ltd	18-02-22	Till date	Organized guest lecture
5.	Addon Course MOU	Dyanasha Technologies Pvt. Ltd.	08-04-2022	07-04-2024	To offer foundation course in emerging technologies with a view to up skill students of AI & DS with latest industry trends.

10. Alumni Association and Activities :

- Monthly Sponsorship - Saransh-Mahesh-Kavita Pay Forward Scholarship 2022 of (Rs. 2,500/- per month) is given by Mr. Saransh Gupta (Alumni IT Passout 2015 batch) to needy student of student of IT Department for Academic Year 2021.
- Sponsorship of Rs. 5 lakhs (2 lakhs + 3 lakhs) is given to Team Predators by Jendemark India Pvt. Ltd for participation in BAJA competition in India & Abroad in Academic Year 2022.
- DOBOT Magician” is donated by Mr.Himanshu Jadhav , CEO & Director, Jendemark (Alumni Mechanical Engg)
- Title Sponsorship (Rs 1,52, 854/-) for TEDxDYPAkurdi is given by Dr. Amit Andhre(Alumni Computer Engg Batch 2005)
- Sponsorship to Certificate Training program by TATAIIS on “Essentials of Industrial Automation” to students of Y.B. Patil Polytechnic – Batch 2 (08 students were sponsored)

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	40957
Titles	14812
E-Books	2015
Print Journals	96
E-Journals	193
Newspapers	9
CDs/DVDs	1956
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	1,91,52,463/-
Total Cost of Furniture	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	Number of International Journals /
<u>Civil Engineering Department</u>	2133	2297	4642	5025	18
ME - Construction Management	103		237		
ME -Environmental Engineering	61		146		
<u>Computer Engineering Department</u>	1687	1869	5087	5747	12
ME -Computer Engineering	182		660		
<u>Information Technology Department</u>	625	625	4906	4906	06
<u>Elect.& Telecommunication Department</u>	1572	1715	6290	6613	12
ME -VLSI & Embedded systems	101		212		
ME -Communication Networks	42		111		
<u>Instrumentation Engineering Department</u>	1623	1623	2137	2137	06
<u>Production Engineering Department</u>	440	707	1653	2170	12
ME – Manufacturing and Automation	267		517		
<u>Mechanical Engineering Department</u>	2561	2794	6655	7231	12
ME - Machine Design	201		494		
ME - Heat Power	32		82		
AI & DS	75	75	352	352	6
ROBOTICS & AUTOMATION	26	26	108	108	6
App. Sci. & Others	3107	3107	6776	6776	6
Total		14812		40957	96

Year wise Books Purchasing Details:

Year	New Volumes
2021 - 2022	176
Total Amount (INR)	74,502/-

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

Sr.No.	Year	No. of E-Journals	Amount (INR)	Name of the database
1	2021-2022	193	8,55,159/-	IEEE (ASPP+POP)

- **Print Journals addition Details-**

Sr.No.	Year	No. of Print Journals	Amount (INR)
1	2021-2022	96	2,33,706/-

- **Other Subscription Details-**

Sr.No.	Year	Other Subscription	Amount (INR)
1	2021-2022	NDL	-

- **Available E-resources–**

Sr. No.	Name of the Database / Resources
1	IEEE (AAPP+POP)
2	NDL
3	NPTEL
4	SWAYAM
5	Library Website
6	Library OPAC

- **Other Activities conducted by central Library during 2021-22**

Sr.No.	Name of the Activity	Date
1.	Marathi Raj Bhasha Gaurav Din	28/02/2022
2.	NDLI Club Activities	13/01/2022, 25/01/2022, 27/01/2022, 28/01/2022, 29/01/2022,30/01/2022, 31/01/2022
3.	Services To Physically Disabled Students	10/01/2022
4.	Virtual Orientation for Engineering Batch 21-22	3/01/2022
5.	Sanvidhan Diwas	27/11/2021
6.	Reading Inspiration Day E-Quiz Competition - 21	16/10/2021
7.	Virtual Book Exhibition for the Faculty and Students	13/10/2021 to 14/10/2021
8.	Display Of Books Authored by Faculty members	25/08/2021

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. Mrs. P. Malathi	FDP on Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
		FDP on Emerging research trends in communication	28 June to 2 July, 2021
2.	Dr. D. G. Khairnar	FDP on Emerging research trends in communication	28 June to 2 July, 2021
3.	Dr. Manish Sharma	FDP on Emerging research trends in communication	28 June to 2 July, 2021
		IIRS course on “Geospatial Modelling for Watershed Management”	20.08.21-06.08.2021
4.	Dr. Rutuja Deshmukh	FDP on Robotics Process Automation	13-17 July 2021
		Industry 4.0 with emphasis on Robotics & Automation	21 -25 Feb 2022
5.	Mrs. M M Karad	Application of mathematics in Engg field	20 -23 Oct 2021
		Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
		Master class on Artificial Intelligence	6/12/2021 to 04/01/2022
6.	Mrs. K M Jadhav	Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
7.	Mrs. Aparna Shinde	Pedagogical Techniques and Tools for Technical Education in New Normal	30/12/2021 to 05/01/2022
8.	Mrs. Usha Jadhav	Data Science and Its Application	30/12/2021 to 05/01/2022
		Innovative and Inventive problem solving	06/07/2021 to 11/07/2021
9.	Mrs. Trupti Wagh	ATAL FDP on "6G Communication"	20th Dec to 24th Dec 2021
		FOW for Subject Cellular Networks	27th Jan- 29 th Jan 2022
10.	Mrs. Sayali Mane	National Level FDP on Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Research Methodology , Research Publication and Patent filling	20-09-2021 to 24-09-2021

		Outcome base education, Sponsored by AICTE	13 Dec. to 18 Dec. 2021
11.	Mrs. Manisha Rajput	STTP on Emotional intelligence	07- 11 Feb 2022
		FDP on “Research Funding and Patent Filing”	25 oct 2021 29 Oct 2021
		One Month Internship on MATLAB Implementation of Evolutionary and Swarm Intelligence based Techniques for Engineering Optimization Problems	15 June -15 July 2021
12.	Ms. V L Bagal (Lakshe)	Faculty Orientation Workshop on TE(E&TC) 2019 course Subject: "Cellular Network"	27/01/2022 to 29/01/2022
		ATAL FDP on "Machine Learning Applications for Autonomous Driving"	24/01/2022 to 28/01/2022
		Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
		One Week Online FDP on Research Methodology, Research Publication and Patent Filing	20th Sept – 24th Sept 2021
13.	Mrs. Swati Aswale	Faculty Orientation Workshop on TE(E&TC) 2019 course Subject: "Microcontroller"	22/07/2021 to 24/07/2021
		Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
		one week online Short Term Training Program on “Innovative & Inventive Problem Solving”	13th July to 18th July 2021.
14.	Mrs. Shilpa Jagtap	Faculty Orientation Workshop on TE(E&TC) 2019 course Subject: "Advanced Java Programming"	31/01/2022 to 2/02/2022
		ATAL FDP on "Artificial Intelligence in Revolutionizing Healthcare"	19/07/2021 to 23/07/2021
		Faculty Orientation Workshop on TE(E&TC) 2019 course Subject: Fundamentals of Java Programming	26/07/2021 to 28/07/2021.
		National Level Faculty Development Programme on “Python for Data Science”	27/05/2022 to 31/05/2022
		one week online Short Term Training Program on “Innovative & Inventive Problem Solving”	13th July to 18th July 2021.
		“One Week National Level STTP on LaTeX”	08/04/2022 to 13/04/2022
15.	Mrs. Shailaja Yadav	ATAL FDP on “Machine Learning and its Application”	21/06/2021 to 25/06/2021

		Faculty Orientation Workshop for TE(E&TC/Electronics) Revised Syllabus 2019 Course for the Honor Subject Robotics	30th and 31st July 2021
		Internet of Things (IoT)	14/12/2020 to 18/12/2020
		Machine Learning for Computer Vision	29/06/2020-8/07/2020
		Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
16.	Mrs. Snehal Gaikwad	Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
17.	Mr. Yogesh Shirke	Faculty Orientation Workshop on TE(E&TC) Honors 2019 course Subject: “Decentralize and Block Chain Technologies”	03/02/2022 to 04/02/2022
		FDP On “Learning Basic Level of Arduino” Spoken Tutorial IIT Bombay	07 July 2022 to 13 July 2022
		Faculty Orientation Workshop on TE (E&TC) revised syllabus (2019) Subject: Network Security [304195 (E)]	31/01/2022 to 02/02/2022
18.	Mr. Sagar Bhavsar	Emerging research trends in communication	28 June to 2 July 2021
		Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
19.	Prashant Titare	Embedded Processors	31/1/2022 to 2/2/2022
		Industry 4.0 with emphasis on Robotics & Automation	21/2/2022 to 25/2/2022
20.	Swati Jadhav	FDP on “Advanced Communication using IoT & WSN”	9 Feb to 13 Feb, 2021
		Emerging research trends in communication	28 June to 2 July, 2021
21.	Mr. Vivekanand Shere	Emerging research trends in communication	28 June to 2 July 2021
		“Data Science for Instrumentation”	15th July 2021 to 17th July 2021
22.	Dipalje Pujari	Workshop on Scopus WoS UGC care Publication and Patent filing process	03/03/2022 to 11/03/2022
23.	Mr. Prabhu Reddy	Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
		Emerging research trends in communication	28 June to 2 July, 2021
24.	Mrs. Snehal Patil	Modeling and Simulation Tools for Research	30th Aug to 3rd Sep 2021
25.	Mrs. Supriya Narwade	Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling	02-05-2022 to 13-05-2022

		and Processing	
26.	Dr. Preeti patil	Blockchain Technologies and its uses	17/12/2021 to 23/12/2021
		Computer Genomics tools for Next generation sequencing and biomedical data analysis	7/3/2022 to 11/3/2022
27.	Dr. Abhijit Patankar	3D printing and Design	20/12/2021 to 24/12/2021
		Recent Trends in Cyber Security and Web Application Development	15/2/2022 to 19/2/2022
28.	Dr K D Bamane	Web Technology	4/7/2022 to 8/7/2022
		IoT in Health Care	12/12/2021 to 16/12/2021
29.	Mrs Aarti Gaikwad	Data science and AI	26/07/2021 to 30/07/2021.
		Emerging Research Trends in Communication	28/06/2021 to 2/07/2021
30.	Mrs. AmitaJajoo	AI and ML for Healthcare	13/12/2021 to 17/12/2021
		Data science and AI	26/07/2021 to 30/07/2021
31.	Mrs Himani Patel	Computer Vision Past Present and Future	06/12/2021 to 10/12/2021
		Python Programming	20/12/2021 to 24/12/2021
32.	Mrs Madhuri Gurale	Modeling and simulation tools for research .	30/08/2021 to 3/09/2021
		Exploring ML and DL algorithms for NLP	22/11/2021 to 26/11/2021
33.	Mrs. Rajashree S	Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Deep Learning and its applications	13/12/2021 to 18/12/2021
34.	Mr Navnath Kale	Cyber Security	17/5/2021 to 19/5/2021
		TCS iON Career edge- youth professional	1/10/2021
35.	Mrs. SapanaKolambe	AI and ML for Healthcare	13/12/2021 to 17/12/2021
		Recent Advancements in Social Internet of Things(SIoT) and Industrial Internet of Things(IIoT)	14/02/2022 to 18/02/2022
36.	Mrs. Dipali Patil	Computer Vision Past Present and Future	06/12/2021 to 10/12/2021
		AI and ML for Healthcare	13/12/2021 to 17/12/2021
37.	Ms Surbhi	Introduction to Quantum Computing	07-02-22 to 11-02-22

	Dongaonkar	Modelling and Simulation tools for Research	30/8/2021 to 3/9/2021
38.	Ms. Priyanka Gupta	Deep Learning and computer vision	7/06/21 to 11/06/21
		IoT Applications	06/12/21 to 10/12/21
39.	Ms. Rutuja Tikait	Futuristic Trends In Modern Machine Learning & Data Analytics	13/12/2021 to 17/12/2021
		"DCS-Switching and Routing"	17/1/2022 to 22/1/2022
40.	Mrs. Sharadha Shelar	Data Science for Instrumentation	15/7/2021 to 17/7/2021
41.	Ms. Krutika Bang	Research: an Insight	30/11/2021 to 4/12/2021
42.	Mr. Gajanan Babhulkar	Data Science for Instrumentation	15/7/2021 to 17/7/2021
43.	Mrs. Dipali Vana Patil	Research: an Insight	30/11/2021 to 4/12/2021
44.	Dr. B. B. Musmade	Advances in power Generation from renewable energy sources	6/12/2021 to 11/12/2021
45.	Mr. Vipin S. Vibhute	Data Science for Instrumentation	15/7/2021 to 17/7/2021
46.	Mr. N. V. Mane	Data Science for Instrumentation	15/7/2021 to 17/7/2022
47.	Ms. R. R. Sangitrao	Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Emerging research trends in communication	28/6/2021 to 2/7/2021
48.	Mrs. Arti A. Utikar	Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Modeling & Simulation tools for research	30/8/2021 to 30/9/2021
49.	Ms. Vinita V. Yerande	Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Modeling & Simulation tools for research	30/8/2021 to 30/9/2021
50.	Mrs. A. R. Kesti	Data Science for Instrumentation	15/7/2021 to 17/7/2021
		Modeling & Simulation tools for research	30/8/2021 to 30/9/2021
51.	Mrs. Rashmi A. Deshpande	PRAVARA IETE PAC Industry 4.0 Webinar	5/7/2021 to 10/7/2021
		Train the Trainer 101	03/01/2022 to 07/01/2022
52.	Dr. Ashok B. More	"Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
53.	Dr. Basavraj Balpgol	Refresher program on Outcome based education	13th -18th Dec.2021
54.	Dr. Sandeep Shiyekar	Engineering problem solving using TK solver and advanced MS excel	24 -28th March 2022
55.	Mrs. Smita Pataskar	Modeling and simulation tools for research	30th august - 3rd Sep.2021
56.	Dr. Narendra Jain	Outcome Based Education (in Orientation with NBA)	13th -18th Dec.2021

57.	Dr. S. J. Mane	Recent development in construction technology and addressing infrastructure and coastal engg.	9th - 13th August 2021
58.	Dr. Tushar Bagul	Yoga Workshop	23rd - 28th Sep.2021
59.	Mr.Sudhanshu Pathak	ATAL FDP	6th - 12th Dec.2021
60.	Mrs.Ashwini Patil	Sustainable waste management	18th - 22nd Oct.2021
61.	Viraj Kashikar	Outcome Based Education (in Orientation with NBA)	13th -18th Dec.2021
62.	Mrs. Sneha K Sawant	Refresher program on Outcome based education	13th -18th Dec.2021
63.	Mr. Mahesh Tatikonda	Modeling and simulation tools for research	30th - 3rd August.2021
64.	Savita Birajdar jatti	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
65.	Ms. Subhashini Ramteke	“Faculty Development Program - Emerging Areas of Research in Science and Environment”	5th - 7th June.2021
66.	Rohini Khandelwal	Outcome Based Education (in Orientation with NBA)	13th -18th Dec.2021
67.	Mr. Sunil J. Payghan	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
68.	Mr. Avadhut Kulkarni	Research funding project and IPR	7th - 9th June.2021
69.	Mr.Rajvardhan Patil	Refresher program on Outcome based education	13th -18th Dec.2021
70.	Mrs.Prital Kalsur	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
71.	Mr. Mukund Chougale	Modeling and simulation tools for research	30th august - 3rd Sep.2021
72.	Ms. Sharmisthata Chakraborty	Modeling and simulation tools for research	30th august - 3rd Sep.2021
73.	Mr. Hardik S Mandwe	International e-Conference on Sustainable Development in Concrete Technology	19-21 August 2021
74.	Mrs.Aradhana Chavan	Refresher program on Outcome based education	13th -18th Dec.2021
75.	Mrs. Supriya Patil	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
76.	Ms.Pooja Kumbhare	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
77.	Ms. Aparna Gaikwad	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
78.	Mrs. Yugandhara	Modeling and simulation tools for	30th august - 3rd

	Ingale	research	Sep.2021
79.	Ms. Shraddha Kathalkar	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
80.	Ms. Bharati Misal	“Enriching Research Component in Civil Engineering department	21st - 23rd Oct.2021
81.	Dr.N K Kamble	FDP on Robotics and Artificial Intelligence	8/11/2021 to 12/11/2021
		Electric Mobility as a Future	25/10/2021 TO 29/11/2021
82.	Mr. Y. G. Kamble	Technological Advancement and manufacturing of Bio-similar for cancer prospects therapy: Present Hurdle and future	21th June- 25th June 2021
		Innovative and Inventive Problem Solving	22nd June- 27th June 2021
83.	Pradnesh Padave	“Role of Honours Courses in Engineering Education & Research	25th Oct to 29th Oct (5 Days)
84.	Nilesh Mahajan	one week FDP ‘Electric Mobility as a Future’	25th October. to 29th October 2021
		one week ATAL FDP on ‘Robotics & Artificial Intelligence’	8th Nov.. to 22nd Nov. 2021
85.	Rohit Jadhav	FDP on Idea Development, Evaluation and Application	23/9/2021 to 28/9/2021
		one week FDP ‘Electric Mobility as a Future’	25th October. to 29th October 2021
86.	Mr. J. M. Khade	one week ATAL FDP on ‘Robotics & Artificial Intelligence’	8th Nov.. to 22nd Nov. 2021
		STTP on Electric research trend in Manufacturing	21/12/2021 to 26/12/2021
87.	Mr. M. Mathapati	one week ATAL FDP on ‘Robotics & Artificial Intelligence’	8th Nov.. to 22nd Nov. 2021
88.	Dr P T Nitnaware	FDP on Hydrogen, Ethanol and Natural Gas as an Alternative and Sustainable fuel for Transportation	7 Dec - 11 Dec 2021
		Conservation of Energy Water and Environment - Present and Future	7 Mar - 11 March 2022
		Industry 4.0 with emphasis on Robotics and Automation	21 Feb - 26 Feb 2022
89.	Dr. R S Hingole	one week FDP Electric Mobility as a Future	25th to 29th October 2021
90.	Dr. Vinay Kulkarni	FDP on Effective OBE Implementation using Learning Management System"	27-7-2021 to 31-7-2021
91.	Dr. T Dey	FDP On Electric Mobility as a Future	25th Oct -29th Oct 2021

		One Week FDP on Role of Honours Courses in Engineering Education & Research	October 25-29, 2021.
		Hydrogen, Ethanol and Natural Gas as an Alternative and Sustainable fuel for Transportation	7 Dec - 11 Dec 2021
92.	Mr. Vinayak W Bembrekar	One Week FDP on Electric Mobility as a Future	25th to 29th October 2021
		One week FDP on "Innovations in Additive Manufacturing"	13/09/2021 to 17/09/2021
		One Week STTP on Artificial Intelligence and Machine Learning"	5th to 10th July 2021
		One Week Workshop on "Introductory Course on FEAST-Indigenous Finite Element Analysis of Structures"	23rd to 29th Dec 2021
93.	Mr. Arun Kumar Battu	One Week STTP on Artificial Intelligence and Machine Learning"	5th to 10th July 2021
		One Week Workshop on "Introductory Course on FEAST-Indigenous Finite Element Analysis of Structures"	23rd to 29th Dec 2021
		One Week FDP on Electric Mobility as a Future	25th to 29th October 2021
		One Week FDP on "Dimensional Management as per ASME Y 14.5 Standards"	16th to 20th August 2021
94.	Mr. Dr. S. V. Thakur	One Week National Level FDP on "Role of CFD in Engineering Application"	03/01/2022 TO 07/01/2022
95.	Mrs. Swati Dhamale	ATAL Advanced FDP on 3D printing & Design	20/12/2021-24/12/2021
		One week FDP on Electric Mobility as a future	25/10/2021-29/10/2021
		Fivbe days on line FDP on " Additive Manufacturing Present & Future Trends	1/11/2021-06/11/2021
		Five Days on line workshop on "Feast indegenous Finite elemnt Analysis of Structures"	23/11/2021-29/11/2021
96.	Mr. Vivek Diware	Recent Advancement in electrical vehical Technology	10/12/2021 to 16/12/2021
97.	Mr. Vaibhav Phule	One week FDP on Hydrogen, Ethanol and Natural gas as an Alternative and Sustainable Fuels for Transportation	7th to 11th December 2021.

		Fiv day Wrokshop on “Introductory course on FEAST- Indigenous Finite Element Analysis of Structures”	23rd to 29th Dec 2021.
		One week FDP on “Innovations in Additive Manufacturing”	13/09/2021 to 17/09/2021
98.	Mr. Vikram Kulkarni	FDP on Emerging Research Trends in Communication	28 June-28th July 2021
		ATAL Advanced FDP on 3D printing & Design	14-18 Dec 2021
		ATAL FDP on Research Challnges in Atmospheric Science with a computing Edge	20-24 Dec 2021
99.	Mr. Laxman Khose	5 Day Workshop on Fuel Powered, Hybrid Electric Vehicles	19-24 July 2021
100.	Mr. Rachit Roshan	One week online FDP on " Numerical simulation application using commercial simulation software"	21 feb 2022 - 26 feb 2022
101.	Mrs. Utkarsha Kharade	One Week FDP on Role of Honours Courses in Engineering Education & Research	October 25-29, 2021.
		One Week STTP on Artificial Intelligence and Machine Learning"	5th to 10th July 2021
		one week FDP on Role Modelling and simulation tools for research	30 August to 3 sept 2021
		Orientation Programme on Recent Advancement in Electrical Vehicle Technology	10-16 Dec 2021
102.	Ms. Bhagyashree Kole	One Week Workshop on "Introductory Course on FEAST-Indigenous Finite Element Analysis of Structures"	23rd to 29th Dec 2021
103.	Mr. Sagar Wangdare	INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION	21/02/22 to 25/02/2022
104.	Mr. Sanjay R Deodas	One Week Workshop on "Introductory Course on FEAST-Indigenous Finite Element Analysis of Structures"	23rd to 29th Dec 2021
105.	Dr. S. S. Sarnobat	One Week FDP on Electric Mobility as a Future	25th to 29th October 2021
106.	Mr. Vinod Balkrushna.Hiwase	one week FDP on Design & Simulation in Solid & Fluid Mechanics Applications using Ansys R21	31 Jan-4th Feb 2022
107.	Mr. Rishikesh H . Tike	One Week Course on Digital Teaching Techniques	27-31 Dec 2021
108.	Dr. S. K. Babar	STTP on Nanoscience	14-19 Dec.2020

		STTP on Nanotechnology Science and Applications	23-28 Nov.2020
109.	Dr. Mohan A. Sutar	STTP on Nanoscience at RSCOE Pune	14-19 Dec.2020
		STTP on Nanotechnology Science and Applications RSCOE, Pune	23-28 Nov.2020
110.	Dr. Manisha Tanwer	Refresher Programme on "Outcome Based Education"	13-12-2021 to 18-12-2021
111.	Mr. S. G. Yeolekar	STTP on Nanoscience at RSCOE Pune	14-19 Dec.2020
112.	Dr. P. J. Shinde	"Research Methodology and Classroom Management Skills"	20 – 26 December, 2021
113.	Vrushali Patil	5 days FDP on Advanced statistical & Machine learning Model	15/12/21 to 19/12/21
114.	Mr. Santosh Damkondwar	International Conference on Trends and Innovations in Material Energy & Sustainability	7-8 April, 2022
115.	Mrs. Deepali Dubal	Refresher Program on "Recent Advancement in Electrical Vehicle Technology"	10-12-2021 to 16-12-2021
116.	Mrs. Swati S. Jadhav	Online One Day Workshop on IPR and Plagiarism	2.05.2021
117.	Gosavi Ganesh	FDP on Applications of Mathematics in Science and Engineering	15 Dec 2021 to 19 Dec 2021
118.	Mr. Ramesh Sul	One week faculty development program on "Research Methodology"	02-05-2022 to 07-05-2022
119.	Mrs. Neeta P. Katariya	5 days FDP on Advanced statistical & Machine learning Model	15/12/21 to 19/12/21
120.	Mrs. Pramila Karale Patil	WORKSHOP on M-3	25/01/2021
121.	Mrs Sabrina Kazi	5 days FDP on Advanced statistical & Machine learning Model	15/12/21 to 19/12/21
122.	Amit Uphad	Electric Mobility as Future	25-10-2021 to 29-10-2021
123.	Ms. Shahin Abdul Shaikh	1.5 days FDP on Advanced statistical & Machine learning Model	15/12/21 to 19/12/21
124.	Mrs. Komal Desai	CHALLENGES IN EVOLVING POWER SYSTEM	22-27 NOV 2021
125.	Prakash Gore	FDP on recent trends in Energy and Power system	6th Sept. to 9th Sept. 21
126.	Mrs. Hnnie Williams	Advances in Power Generation from renewable energy sources	6-12-2021 to -11-12-2021
127.	Mrs. Dhanashree Ajay Phalke	One Day Online FDP on Project Based Learning-II	22-01-21
		One day FDP on PPL	22-01-21
128.	Mrs Vaishali Kolhe	Advance application in AI & ML	02/08 to 06/08/2021
		Modeling and simulation tools for	30/08/2021 - 03/09/2021

		research	
129.	Deepali M Gohil	Advance application in AI & ML	02/08 to 06/08/2021
		Python programming	29/11/2021 to 03/12/2021
130.	Mrs.Dipalee Divakar Rane	Web Application Development	2/15/2022 to 2/19/2022
131.	Mrs. Shanthi K Guru	STTP ON Recent Trends In Cyber Securty &Web Application	15/02/22 to 19/02/2022
132.	Nilam Sachin Patil	Recent Trends In Emerging Technologies	17/02/2021 - 24/02/2021
		Three days Online FDP on System Programming and Operating System	5-08 21- 8/8/21
		Essentials of Data Science	27/07/2021 - 31/07/2021
133.	Snehal sarangi	One week FDP on information cyber security and its application	6 Dec 2021 to 11 Dec 2021
		One day Webinar on Patent Awareness	21st Jan 2022
134.	Ms.Vishakha A. Metre	Data Science for Instrumentation	15/07/2021 - 17/7/2021
135.	Yasmin S Khan	FOP on Web Technology and Web technology Lab	25-Feb-22
136.	Ms. Mukta Patil	Drive Digital Transformation - The leading edge Technology	18/2/22 to 24/2/22
137.	Mrs. Geetanjali Sharma	Research and Innovation in Engineering	7 Feb 2022 to 12 feb 2022
138.	Aman B.Kamble	ATAL training on Design And Thinking by AISSMS COE Pune	29/11/2021 to 3/12/2021
		AICTE-ISTE Refresher Program on OBE by DYP Pune	13/12/2021 to 18/12/2021
139.	Gayatri Chavan	Syllabus revision on Cloud Computing	2/11/2022
140.	Sulbha Gadhlhing	Five Days FDP on “Current Research Trends in Computer Engineering”	28th March 2022 to 1st April
		5 Days FDP on ‘Recent Trends in Quantum Computing’	21st to 25th March 2022.
141.	Suraj Kurde	SPPU FDP on Theory of Computation	8/3/2021
142.	Vrushali Uttarwar	“RECENTTRENDS IN CYBER SECURITY AND WEB APPLICATION DEVELOPMENT”	15/02/2022 to 19/02/2022.
143.	Bhagyashre Tingre	One Day Online Faculty Orientation Program on “Software Testing and Quality Assurance”	2 august 2022
144.	Swati Suryavanshi	5 Days FDP on Computational Statistics and Big data Analytics	7 th Mar- 11 Mar 2022
145.	Mr. Pramod B Deshmukh	FDP On AI& ML Its Applications	09/02/2022 to 15/02/2022

146.	Mr.Aman Kamble	“Machine Learning & Artificial Intelligence”	20- 27th December, 2021.
147.	Dr. Vinayak Kottawar	Data Science for Instrumentation	15/07/2021 to 17/07/2022
148.	Mrs. S.P.Bhoite	Data Science for Instrumentation	15/07/2021 to 17/07/2023
149.	Mrs. Yogeshwari Vinod Mahajan	Data Science for Instrumentation	15/07/2021 to 17/07/2024
150.	Mrs. Shubhangi Saurabh Belote	Data Science for Instrumentation	15/07 2021 to 17/07 2021
151.	Mr. Mandar K Mokashi	Recent Trends in Data Analytics and Machine learning	20/12/2021 to 24/12/2021
152.	Mrs. Tejali Katkar	Data Science for Instrumentation	15/07/2021 to 17/07/2021
153.	Mrs. Vidya Vishwas Hire (Sarvagod)	Data Science for Instrumentation	15/07/2021 to 17/07/2022
154.	Mr. S. K. Desai	Awareness About Microsoft Word & Excel	3/9/2022
155.	Mr. Harish Surana	Awareness About Microsoft Word & Excel	3/9/2022
156.	Mrs. Bharti Ghatage	Awareness About Microsoft Word & Excel	3/9/2022
157.	Mr. N. N. Naikwadi	Awareness About Microsoft Word & Excel	3/9/2022
158.	Mrs. Shalaka Gurav	Awareness About Microsoft Word & Excel	3/9/2022
159.	Mr. M. V. Lanjekar	Awareness About Microsoft Word & Excel	3/9/2022
160.	Mrs. N. S. Suryanishi	Awareness About Microsoft Word & Excel	3/9/2022
161.	Mr. S. W. Dhake	Awareness About Microsoft Word & Excel	3/9/2022
162.	Mr. S. P. Burse	Awareness About Microsoft Word & Excel	3/9/2022
163.	Mr. S. N. Borate	Awareness About Microsoft Word & Excel	3/9/2022
164.	Mr. Madan Khot	Awareness About Microsoft Word & Excel	3/9/2022
165.	Mr. S.J. Jadhav	Awareness About Microsoft Word & Excel	3/9/2022
166.	Mrs. Priti Shivaji Kolte	Awareness About Microsoft Word & Excel	3/9/2022
167.	Mr. Prakash Pandurang Wadkar	Awareness About Microsoft Word & Excel	3/9/2022
168.	Mr. Rajesh L. Patil	Awareness About Microsoft Word &	3/9/2022

		Excel	
169.	Miss. Shailaja Name	Awareness About Microsoft Word & Excel	3/9/2022
170.	Mr. Gurunath Sutar	Awareness About Microsoft Word & Excel	3/9/2022
171.	Mrs.R N Dandavate	Awareness About Microsoft Word & Excel	3/9/2022
172.	Mr. Vinay Nangare	Awareness About Microsoft Word & Excel	3/9/2022
173.	U.A. Jadhav	Awareness About Microsoft Word & Excel	3/9/2022
174.	Mrs. Sadhana Jagtap	Awareness About Microsoft Word & Excel	3/9/2022
175.	Mrs. Triveni Rasale	Awareness About Microsoft Word & Excel	3/9/2022
176.	Mr. Shashikant Rokade	Awareness About Microsoft Word & Excel	3/9/2022
177.	Mr. Santosh Thorat	Awareness About Microsoft Word & Excel	3/9/2022
178.	Mr. Amit Hingalaje	Awareness About Microsoft Word & Excel	3/9/2022
179.	Mrs.Pallavi Malpathak	Awareness About Microsoft Word & Excel	3/9/2022
180.	Mrs. Sonali Avinash Thorat	Awareness About Microsoft Word & Excel	3/9/2022
181.	Mr. Rajendra Patil	Awareness About Microsoft Word & Excel	3/9/2022
182.	Ms Anupama Raut	Awareness About Microsoft Word & Excel	3/9/2022
183.	Mr. Avinash Bavdekar	Awareness About Microsoft Word & Excel	3/9/2022

13. Research and Development

A. List of Publications

i. Books Publication

Sr. No.	Name of the teacher	Title of the book/chapters published	Date and Year of publication	ISBN number of the proceeding	Name of the publisher
1	Dr. Abhijit J. Patankar	Cyber Security	Feb 2022	978-93-5451-539-2	Nirali Publications
2	Mrs Himani Patel	Web Application Development	2022	978-93-5451-466-1	Nirali Publications
3	Mrs Smita Pataskar	Project Management	March 22	978-93-5451-401-2	Nirali Publications
4	Mrs. Arati Gaikwad	Optical Fiber Communications : Fundamentals and Principles	Mar-22		Scientific International publishing House
5	Mrs. Amita jajoo	Web Application Development	Mar-22		Nirali Publications
6	Mrs. Amita jajoo	Software Engineering	Mar-22	978-93-5451-570-5	Nirali Publications
7	Dr. A. J. Patankar	Cyber Security	Mar-22	978-93-5451-570-5	Nirali Publications
8	Dr Vijaykumar jatti	Computer Aided Engineering	Jan-22	NA	Tech neo
9	Dr Nitin Kamble	A Comprehensive review on the emerging technologies in the field of robotics & automation	2022	ISBN No- 978-93-94339-64-4	Academic Publications

10	Dr Sandeep Sarnobat	A Comprehensive Literature survey on research and Innovation in Robotics and Automation	2022	ISBN NO- 978-93-94339-64-4	Academic Publications
11	Rishikesh Tike	Fundamentals of automobile Design	2022	NA	NA
12	Rishikesh Tike	Additive Manufacturing	2022	NA	NA
13	Rishikesh Tike	Renewable energy Sources	2022	NA	NA
14	Nitin Sakhare,Vaishali Mishra,abhijit Patankar,Navnath kale	Cyber Security	2022 feb	NA	Nirali Publications
15	Dr Kalyan Bamane,Sapana Kolambe	software Project Management	Oct-21	NA	Nirali Publications
16	Dr Kalyan Bamane,amita jajoo	Software Engineering	Oct-21	NA	Nirali Publications
17	Dr Kalyan Bamane,amita jajoo,Himani Patel,surbhi dongaokar	Web Application Development	Oct-21	NA	Nirali Publications
18	Dr Kalyan Bamane,Dr Kalyan Bamane	Information Security	2022	NA	Nirali Publications

19	Vishakha Metre,Sudhir Sawarkar	Swarm Intelligence Machine Learning	2022	NA	NA
20	Dipankar kakati,Srijit Biswas	Novel DoE Perspective for robust Multi objective optimization in the Performance emission stability Response Realms of Methanol Induced RCCI Profiles of an Existing Diesel engine	Nov-21	doi: 10.1007/978-981-16-8344-2_13	NA
21	Prajakta Kulkarni,Mrs amita Jajoo	Software Engineering & Project Management	21	NA	Nirali Prakashan

ii. Journal Publication

Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Review pf geometric consistency preserving technique for content based image retrieval	Dr. Vinayak Kottawar	NeuroQuantology	2022	1303-5150
2	Content Based Image retrieval in P22r to Peer network	Dr. Vinayak Kottawar	Journal of east china university of science and technology	2022	1006-3080
3	Uncertainty based sampling approach for relevance feedback	Dr. Vinayak Kottawar	Journal of east china university of science and technology	2022	1006-3080
4	Review of feature extraction techniques in content based image	Dr. Vinayak Kottawar	Journal of Pharamcutical negative results	2022	0976-9234

	retrieval				
5	Survey sentence scoring techniques for extractive text summarization	Dr. Vinayak Kottawar	<u>International Conference on Computational Science and Applications</u>	2022	NA
6	Implementation of Virtual Dressing Room using Kinect along with OpenCV	Bhagyashree A. Tingare	International Journal of Mechanical Engineering	2022	0974-5823
7	Energy Efficient Protocol for multipath Transmission in wireless sensor networks	Pranita Chaudhary	SAMRIDDHI	2022	2229-7111
8	Implementation of Serverless E-Commerce Mobile Application	Shriram Athreya, Sanmith Kurian, Afrin Dange, Suvarna Bhatsangave	2022 2nd International Conference on Intelligent Technologies (CONIT) Karnataka, India. June 24-26, 2022	2022	NA
9	Uncertainty based sampling approach for relevance feedback	Dr. Vinayak Kottawar, Dr. Rutuja Deshmukh, Mr. Pratik S. Chopade	JOURNAL OF EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY	2022	1006-3080
10	Claws and Paws: Animal Healthcare website	Pratik S. Chopade	International Journal of Advances in Engineering and Management (IJAEM)	2022	2395-5252
11	Password Manager	Nipun Jadhav, Pratik Chopade	International Journal of Advances in Engineering and Management (IJAEM)	2022	2395-5252

12	Inventory Management System (IMS)	Rutwik J. Shetty, Meher G. Tank, Pratik S. Chopade	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801
13	QRALINK:QR Codes Brings New Life into Boring Places	Pratik Chopade,	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801
14	ReconPest- A Web-based Pesticides Learning Website	PRATIK S. CHOPADE,	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801
15	Web Portal for College and Student Management System	VAISHNAVI SANJAY CHAVAN, PRATIK S. CHOPADE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801
16	Website Security and Performance Analyzer	PRATIK.S.CH OPDE,	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801
17	Android App to Track Pollution using IOT Sensor	PRATIK CHOPADE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801

18	Inventory Management System (IMS)	Nita J. Mahale	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9798
19	Online Recommendation System Using Collaborative filtering	Nita J.Mahale	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9798
20	Track Lost Smartphone Using GPS	Nita Jadhav-Mahale	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9798
21	Biometric Based Patient Identification system	N.J.Mahale	International Journal of Innovative Research in Computer and Communication Engineering	2022	2582-7219
22	Review on network security model using Blockchain	Roomana Hasan	International Journal of Innovative Research in Computer and Communication Engineering	2022	2349-5138
23	Mechanical strength and durability performance of sea water concrete incorporating supplementary cementitious materials in different curing conditions	Patil Ashwini.;Dwivedi A.K.	Materials Today: Proceedings	2022	2214-7853

24	Municipal Solid Waste Landfills Construction and Management	MP Chougale	Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering	2022	1000-4548
25	An overview of Electrochemical Coagulation technology for treatment of industrial wastewater	Dr.Sachin Mane, Pratiksha Patil	International journal of research and analytical reviews	2022	2349-5138
26	E-waste management and utilization of electronic waste in construction material	Bharati Misal, Vaibhav Chavan, Aniket Shelke, Rahul Sulakhe, Swaroop Sudarshani	GIS Science Journal	2022	1869-9391
27	A review on flood risk management by self activating flood barrier activating flood barrier	Mahesh V.Tatikonda ¹ , Gaurav S.Nimkar ² , Manoj P.Fuse ³ , Abhishek R.Raut ⁴ , Preeti J.Yerte ⁵	GIS SCIENCE JOURNAL	2022	1869-9391
28	Mechanical Properties of Concrete Containing Recycled Aggregates	Ranjit S. Kekan ¹ , Kirti P. Patil ² , Sainath M. Shingare ³ , Tanmay K. Gajbhiye ⁴ and Mahesh V. Tatikonda ⁵	GIS SCIENCE JOURNAL	2022	1869-9391
29	Influence of TiO ₂ and Fly ash on Fracture Parameters of Concrete Notched Beams	Sudhanshu Pathak, Gaurang Vesmawala	Journal of Advanced Concrete Technology	2022	1347-3913
30	Effect of Nano TiO ₂ on mechanical properties and microstructure of concrete	Sudhanshu Pathak, Gaurang Vesmawala	Materials Today: Proceedings	2022	2214-7853,

31	a comparison of flat slab and conventional slab structures considering seismic behavior	Prof.Aparna s. Gaikwad,Mr. Hrishikesh Kiwale,Ms. Jyoti Chavan,Mr. Gaurav Tayade	International Journal for Science and Advance Research in Technology	2022	44682
32	Analysis and Design of G+5 Building with Time History Analysis by Using Staad Pro	Prof.Miss Aparna Gaikwad,Mr.S hivprasad Tanaji Mohite,Mr.Chetan Shantaram Gangurde,, Mr. Niraj Anil Pingale	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2022	44682
33	Game Pedagogy with TPACK Model: A Learner Centric Method	<u>Arti Utikar;</u> <u>Vinita V.</u> <u>Yerande;</u> <u>Aswini Patil;</u> <u>Rajshree R. S</u>	2019 IEEE Tenth International Conference on Technology for Education (T4E)	2022	NA
34	Design And Modeling Of G+4 Residential Building By Using Autodesk Revit Architecture	Shubham R Dalvi , Akash B Gudmalwar , Shailesh G Gudmalwar, Ruchita N Badgujar , Aradhana Chavan	GIS Science Journal	2022	1869-9391
35	Hyper sound water purifying system	Abhishek Birajdar, Ganesh Wagmode, Aniruddha Kategaonkar, Paras Patil, Aradhana Chavan	Journal of Emerging Technologies and Emerging Innovative Research(JETIR)	2022	2349-5162
36	Analysis of RCC Building with Multiple Soft Stories Using Etabs	Mr. Jayant Kanase, Mr. Omkar Khnadagale	International Journal of Research In Engineering and Scinces	2022	2320-9364

37	Review Paper on Comparative Analysis Between Diagrid and Normal Frame Srtcuture with contrasting parameters	Mr. Jayant Kanase, Mr. S.M. Kaspate	International Journal of Research In Engineering and Scinces	2022	2320-9364
38	Design and Analysis of G+7 building using Staad Pro Connect edition	Purva Agashe Mrs. Subhashini Ramteke, Ichchha Suryawanshi, Ashalesha Suryawanshi, Rutuja Pawar	GIS Science Journal	2022	1869-9391
39	Effective management plan for road construction in congested area. - a case of Pune city	Viraj Dhume, Sudhanshu Pathak, Avadhut Kulkarni	International Journal of Advanced in Management, Technology and Engineering Sciences	2022	2249-7455
40	Risk Analysis in Bridge Construction	Avadhut Kulkarni, Shantanu Pandey, Pooja Patil, Hrutuja Panchabhai, Abhishek Gaware	International Journal of Advanced in Management, Technology and Engineering Sciences	2022	2249-7455
41	Comparative Study of Various Types of Bracing Systems in Telecommunication Tower Subjected to Wind Load	Avadhut Kulkarni, Aaditya Vitankar, Harshvardhan Desai, Darshan Godbharle, Sameer Deshmukh	International Journal of Advanced in Management, Technology and Engineering Sciences	2022	2249-7455
42	Study of Turbulent Flow Calculations: RANS Equation	Rutuja H. Deshmukh, Harsha S. Shinde, Vijaysi nh R. Shinde	International Journal of All Research Education & Scientific Methods	2022	2455-6211

43	Tri-directional Floor Response Spectra in Irregular Building	Landge, M. V., and Ingle, R. K	<u>Journal of The Institution of Engineers (India): Series A</u>	2022	2250-2149
44	Design of water distribution system using WaterGems software in Adgaon village	Dr. A. B. More, Yugandhara Ingale, Vaibhavi Walke, Shital Karve, Sujita Kamble	GIS Journal	2022	1869-9391
45	Influence of TiO ₂ and Fly ash on Fracture Parameters of Concrete Notched Beams	Sudhanshu Pathak, Gaurang Vesmawala	Journal of Advanced Concrete Technology	2022	1347-3913
46	Effect of Nano TiO ₂ on mechanical properties and microstructure of concrete	Sudhanshu Pathak, Gaurang Vesmawala	Materials Today: Proceedings	2022	2214-7853,
47	Effect Of Superplasticizer Content On Mix Design Of Standard Concrete (M25)	Sunil Payghan , Aditya Paturkar , Vinay Khillare , Abhijit Salunke ,Rohan Sonawane	GIS Journal	2022	1869-9391
48	Earthquake Analysis of Multistorey Residential Building Using STAAD-Pro	Mahesh Budde, Suraj Bhise , Avirat Murade, Arshan Shaikh, Shalom Valvi, Hardik Mandwe	International Journal of Innovative Research in Science, Engineering & Technology	2022	2320-6710
49	Partial Replacement of Coarse Aggregate by Waste Ceramic Tiles in Concrete	Hardik Mandwe,Ninad Patil, Nikhil Yadav, Supriya Rathod, Komal Magare	GIS Science Journal,	2022	1869-9391

50	A Review on Lining Material for Artificial Lake	M. P. Chougale, Saurabh Ghule , Janardan Bodke, Abhijeet Kivande, Shweta Chandawale	Journal of Engineering Research and Application	2022	2248-9622
51	Game Pedagogy with TPACK Model: A Learner Centric Method	Ashwini Patil, Mrs. Arti Utakar	IEEE	2022	NA
52	A Survey on Prediction of COVID-19 Using Machine Learning	Vaishanvi Bhong , Mrs. Dipalee Rane (Chaudhari)	International Journal for Research in Applied Science and Engineering Technology	2022	2321-9653
53	Achieving Program Outcomes through MIY model ensuring active learning and active engagement in Learning	Dr Vinay Kulkarni ,Dr Maneetkumar Dhanvijay, Dr Mrs P Malathi , Dr Vijay M Wadhai and Dr. Sameer S Sahasrabudhe	Journal of Engineering Education Transformations	2021	2394-1707
54	Review on Speech Synthesis from Lip Movements using Deep Neural Network	Shilpa Sonawane, Dr. P. Malathi	Grenze International Journal of Engineering and Technology, Jan Issue	2021	2395-5295 2395-5287
55	Pipeline Leakage Detection System using Machine Learning	Jayesh Hatipkar, Dr. Mrs. P. Malathi, Dr. Manish Sharma, Usha Jadhav	International Journal of Enhanced Research in Science, Technology & Engineering	2021	2319-7463,

56	A Review of In Band Full Duplex Communication in 5G Cellular Network	Manisha Rajput, Dr P Malathi	12 th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	2021	978-1-7281-8595-8
57	Blockchain Bases Secure IoT network for Industrial control Systems	Dr D G Khairnar ,Usha Jadhav	International Journal of Research in Science Engineering and Technology	2021	2319-8753
58	Steganographic Data Hiding in QR codes	Shilpa Jagtap , J L Mudegaonkar	Proceedings of National Conference on Relevance of Engineering and Science for Environymment and Society	2021	2582-3922
59	A Novel approach for Diagnosis of Diabetes using Iris image Processing Technique and Evaluation Parameters	Shilpa Jagtap, J L Mudegaonkar , Sanjay Patil ,Dinesh Bhoyar	Proceedings of National Conference on Relevance of Engineering and Science for Environymment and Society	2021	2582-3923
60	Emerging Features and classification Algorithms for speaker Emotion recognition: A survey	Shilpa Jagtap, Suresh Mali	ICCCE 2021	2021	978-981-16-7985-8
61	Intelligent Energy Efficient Event Triggerred Moving Object tracking strategy for sendor network using wavelet neural network	Vishwalata Bagal, Dr.Mrs. A.V.Patil	Design Engineering	2021	NA
62	Automatic Pantry ordered system Using Zigbee Module	Dr. Rutuja Deshmukh, Dr. Vinayak Kottawar, Dr. Yogeshwari Mahajan	Neuro Quantology	2022	9915-9926

63	Mobile Charging By Using Coin Insertion Module And Renewable Resource	Dr. Rutuja Deshmukh ,Dr. Vinayak Kottawar ,Dr. Yogeshwari Mahajan	Neuro Quantology	2022	1303-5150
64	Uncertainty Based Sampling Approach For Relevance Feedback	Dr. Vinayak Kottawar, Dr. Rutuja Deshmukh, Mr. Pratik S. Chopade	Journal Of East China University Of Science And Technology	2022	1006-3080)
65	Industrial Automation Using IoT with Image Processing	Dr. Rutuja Deshmukh	Neuro Quantology	2022	1303-5150
66	Content Based Image Retrieval In Peer To Peer Network	Dr. Vinayak Kottawar, Dr. Rutuja Deshmukh, Mr. Rahul G. Bisen	Journal Of East China University Of Science And Technology	2022	1006-3080
67	Centrally controlled on-chip criminal face recognition embedded in traffic cameras	Dr. Rutuja Deshmukh, Abhay Prajapati, Vedant Jain, Pratik Chothale	“International Journal of Health Sciences.”	2022	2550-696X, 2550-6978
68	Adopting Artificial Neural Network For Wear Investigation Of Ball Bearing Materials Under Pure Sliding Condition	Atul A. Patil,Sumit S. Desai,Lalit N. Patil,Sarika A. Patil	Applied Engineering Letters	2022	2466-4847
69	Noise estimation in 2D MRI using DWT coefficients and optimized neural network	Vedant Shukla, Prasad Khandekar, Arti Khaparde	Biomedical Signal Processing and Control	2022	1746-8108
70	Estimation of Nonhomogeneous Noise in 2D Magnetic Resonance Imaging	Vedant Shukla, Prasad Khandekar, Arti Khaparde	International Journal of Imaging Systems and Technology	2022	10981098

71	A Multidimensional Anonymization method to protect online released user's data from different types of attacks and validation of released large dataset in public domain	Mr. Abhijit J. Patankar	International Journal of Advanced Science and Technology	2021-22	NA
72	Challenges in Data Migration from SQL to NoSQL	Dr. K. D. Bamane	International Journal of All Research Education and Scientific Methods (IJARESM),	2021-22	.: 2455-6211
73	Iot based plant disease detection using arduino9	Prof. Aarti jadhav	International Journal of Research and Technology Volume 9. Issue	2021	2321-7510
74	Vehicle number plate detection, identification and monitoring of vehicles for a criminal record	Prof. Aarti jadhav	IRJET	2021	2395-0072
75	Postal mail sorting using ilandwritten digit recognition	Prof. Aarti jadhav	International Journal of Research and lechnology Volume 9. Issue	2021	.: 2321-7510
76	Bridging the gap between art and cart: a social e-conunercc system	Prof. Aarti jadhav	Internatioanl journal of reasearch and analytical review	2021	.: 2348-1269
77	Machine learning applied to cervical cancer data	Prof. Aarti jadhav	international journal of advance research ideas innovations in technology	2021	.: 2454-132X
78	Next generation virtual mall	Mrs Amita Jajoo	international journal for engineering and management	2021	.: 2454-132X
79	Online shopping website usingmicroservices architecture	Mrs Amita Jajoo	INJPAC	2021	2395-0072

80	An Automated Resume Evaluation Tool	Dr. A.J Patankar	International journal of advance research ideas innovations in technology	2021	2395-0072
81	An Approach for data confidentiality and Logical data Security on data release by Multidimensional K-Anonymity Model	Dr. A.J Patankar	International journal of advance research ideas innovations in technology	2021	. 2582-7421
82	An Online Review for the Categorization of Market Research	Priyanka Gupta	International Journal of Research Publication and Reviews	2022	. 2582-7421
83	Binary - CNN Based Classifications Of Effective Diabetic Eye	Dr. A.J Patankar	International journal for engineering and management	2022	. 2582-7421
84	Social Distance alert System from COVID infected patient for visually disable individuals	Dr. Preeti Patil	Design Engineering	2022	0011-9342
85	An optimized stacking ensemble framework using L2 regularization for crop yield prediction	Dr. Preeti Patil	GIS SCIENCE JOURNAL	2022	1869-9391
86	Skin melanoma cancer Tissues Detection Classification Using SVM Classifier	Dr. Preeti Patil	International Journal of All Research Education and Scientific Methods	2022	2455-6211
87	Application of stacking ensemble technique in agriculture for prediction of Crop yield	Dr. Preeti Patil	International Journal of Health Science	2022	2550-6978
88	Design of Deep Learning Approach for Expression of genes by tumour RNA-Sequencing Data	Dr. Preeti Patil	2022 IEEE 7th International Conference for convergence in technology	2022	NA
89	FitMitra: AI Fitness Trainer	Dr. Preeti Patil	International Journal of Research and	2022	2348-1269

			analytical Reviews (IJRAR)		
90	Online Auction System using Collaborative Filtering	Dr. Preeti Patil	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
91	Tweet Ananlyzer	Dr. Preeti Patil	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
92	An automated Resume Evaluation Tool	Dr A J Patankar	International Journal of Advanced Research and innovative ideas in education	2022	2395-4396
93	An approach for data confidentiality and logical data security on data release by Multidimensional K Anonymity model	Dr A J Patankar	Ilkogretim Online - Elementary Education Online	2022	DOI: 10.17051/ilkoonline.2021.04.130
94	ML based stock prediction method for accurate future prediction of stock market	Dr A J Patankar	International Journal of Health Science	2022	2550-6978
95	Use of supervised machine learning algorithms for state wise COVID-19 forecasting	Dr A J Patankar	International Journal of Health Science	2022	2550-6978
96	Medbot artificial Intelligence based interactive chatbox for assisting with telephonic health checkup service post COVID-19	Dr A J Patankar	International Journal of Health Science	2022	2550-6978
97	Smart CCTV Surveillance System	Dr A J Patankar	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269

98	The TextAnalysis, processing of Hindi and Marathi Language Text to speech conversion system	Dr A J Patankar	International Journal of all Research Education and Scientific Methods	2022	2455-6211
99	Predicting the potential students in private colleges using lightgbm	Dr A J Patankar	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
100	Driver Awareness System	Dr. K. D. Bamane	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
101	Smart Agrotech System using IOT	Dr. K. D. Bamane	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
102	Crop yield Prediction	Dr. K. D. Bamane	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
103	Use of Modern Web Technology to create effective online learning	Mrs. Aarti Gaikwad	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
104	Application for face mask detection using AI	Mrs. Aarti Gaikwad	International Research Journal of Engineering and Technology	2022	e-.: 2395-0056
105	Bridging the gap between Art and Cart: A Social E-commerce system	Mrs. Aarti Gaikwad	International Journal of Research and analytical Reviews (IJRAR)	2022	2348-1269
106	Speech Synthesisi	Mrs. Amita Jajoo	International Journal of Research and Analytical reviews	2022	2348-1269

107	E Voting using Block chain	Mrs. Amita Jajoo	International Journal of Research and Analytical reviews	2022	2348-1269
108	Distributed storage system using IPFS	Mrs. Amita Jajoo	International Journal of Research and Analytical reviews	2022	2348-1269
109	Protection for Women using IOT smart Device with location and parameter	Mrs. Amita Jajoo	International Journal of Research and Analytical reviews	2022	2348-1269
110	Deep Learning Facial Expression Recognition for Children with Autism Spectrum Disorder	Ms. Himani Patel	International Journal for Scientific Research & Development	2022	2321-0613
111	Facial Expression Recognition for children with autism spectrum disorder using CNN Architecture	Ms. Himani Patel	International Journal of Research and Analytical reviews	2022	2348-1269
112	Trading Strategy Development	Ms. Himani Patel	International Journal for Scientific Research & Development	2022	2321-0613
113	Email Spam Detection using NLP	Mrs. Rajashree RS	International Journal of Research and Analytical reviews	2022	2348-1269
114	Design of Plug and Print Extruder for 3D Printer	Mr. K Ketkar, Mr. S rane, Mr. Y Mirwankar, Mr. A Hire and Mr. V Phule	International Journal of Research In engg. And Science	2022	2572-4304
115	Design and Fabrication of remote controlled Robotic Trolley	Mr. V Phule, Mr S Bireliwar, Ms. S Kanampalliwar, Ms. A mahajan, Mr. A kamble,	international Journal of innovative science and research tech	2022	2319-7064

116	Effective strategies and Tools for outcome based education in Technical Institute in India	Laxman P Khose, Vinayak Bembrekar	IJSRD	2022	2321-0613
117	An experimental investigation of wear particles emission and noise level from smart braking system	Lalit N. Patil, Hrishikesh P. Khairnar, J. A. Hole, D. M. Mate, A. V. Dube, R. N. Panchal, V. B. Hiwase	Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2022	:2432-5953
118	Analysis of cutting fluid on minimum quantity lubrication by using vegetable oil	Pratap R.Sonawane Jayant H.Bhanagle Shyamsingh V.Thakur Bharat R.Koli Niraj B.Dole ChiragKolambe Rahul B.Barjibheg	Materials today	2022	1873-4103
119	Excessive Scum Generation Consequences on Performance of Biogas Power Plant under Unregulated Alkanity	Shyamsing Thakur, Rahul Barjibhe,	Annals of Agri-Bio Research 27 (1) : 92-96, 2022	2022	0971-9660
120	Review of diesel engines in sync with cleaner environment	R Roshan, S C Goud, V S Jatti, M Raj	International Journal of Science, Technology and Management (2022	2394-1537
121	Methodology of treatment of pre-existing diesel engines exhaust gases	Rachit Roshan, Dr. S. Chakradhar Goud, Dr. Vijaykumar S Jatti, Milind Raj	International Journal of Science, Technology and Management (2022	2394-1537

122	Active Suspension system using Emf and Piezo sensor	P. Bhangale, K More, vH Navlakhhe, R hande, V Bembarekar	International Journal of Advances in Engineering and Management is online open access journal	2022	2395-5252
123	The evaluation of forces acting on excavator bucket and its capacity	Y Khedkar, H Nagpure, P Dendage, P Shinde, S Naikavade, T Dey	Materials today	2022	1873-4103
124	Alluminium alloy and galvanized steel CMT weld joints for lightweight automobile applications	Bhagyashri Zope1 , Tapobrata Dey1 , Vijaykumar S Jatti1 and Sandeep S Sarnobat2	Engineering Research Express	2022	2631-8695
125	Use of eletronic viscous drive to optimize fan duty cycle	Dhiraj Ramdas and Tapobrata Dey	Engineering Research Express	2022	2631-8695
126	Study of Solar Powered Unnamed Aerial vehicle	Shivani Swant,Ashish Kapde,Harshad a gadakh, Rohan Sontakke, Utkarsha Kharade	IJAEM	2022	2395-5252
127	Performance-emission-stability mapping of CI engine in RCCI-PCCI modes under varying ethanol and CNG induced reactivity profiles: A comparative study through experimental and optimization perspectives	Srijit Biswas a, b, Dipankar Kakati b, Prasun Chakraborti b, Rahul Banerjee b	Energy	2022	1873-6787

128	The transition from conventional biodiesel combustion to RCCI with CNG/ethanol induction in CI engine: A comparative combustion analysis and relative effects on performanceemissions	Srijit Biswas ^{1,2} , Anindita Sengupta ¹ , Dipankar Kakati ¹ and Rahul Banerjee ¹	International journal of engine research	2022	2041-3149
129	Role of Blended Teaching in Enhancing Effectiveness of Quality of Teaching-Learning Process:An Empirical Study	Dr.N.K.kamble	Positive School Psychology	2022	2717-7564
130	Analysing Churn Prediction in the Telecommunications Sector	Dr.N.K.kamble	Optoelectronics laser	2022	1005-0086
131	Study of 800 Volt Electric Vehicle Power Train And Cost Economics	Dr.N.K.kamble	Optoelectronics laser	2022	1005-0086
132	Faulty Diagnostics Model For Wind Power Plant Application Using AI	Dr.N.K.kamble	Measurement Sensors	2022	2665-9174
133	Experimental Study of Working and Process Parameters of a Wood Router Machine	Vipul P Rathod, Prof. Yogesh G Kamble	European Journal of Advances in Engineering and Technology	2022	2394 - 658X
134	Aluminum Alloy And Galvanixed Steel CMT Weld Joint For Lightweight Automobile Applications	Dr.Sandeep. S.Sarnobat	Engineering Research Express	2022	2631-8695
135	Analysing Churn Prediction In The Telecommunications Sector	Dr.Sandeep. S.Sarnobat	Optoelectronics Laser	2022	1005-0086
136	Study Of 800 Volt Electric Vehicle Power Train And Cost Economics	Dr.Sandeep. S.Sarnobat	Optoelectronics Laser	2022	1005-0086

137	Spin Coated Inexpensive Manganese Doped Iron Oxide Thin Film Supercapacitor Electrode	Amol. V. Patila , M. A. Sutar , S. V. Sondur, S. G. Kandalkar	GIS SCIENCE	2022	1869-9391
138	Conservation of Energy in Thermal Power Plant	P. K. Gore, Komal Desai,	Science Technology and Development, Vol.XI Issue IX, September 2022, PP 281	2022	281

iii. Book chapter/ Conference Publication

Sr. No .	Name of the teacher	Title of the book- chapter published	Title of the paper	Title of the proceedings of the conference	Date and Year of publication	ISBN number of the proceeding
1	Dr. Vinayak Kottawar	NA	Survey of Sentence Scoring Techniques for Extractive Text Summarization	Proceeding of International Conference on Computational Science and Applications ICCSA 2021	4/27/2022	Online ISBN 978-981-19-0863-7 Print ISBN 978-981-19-0862-0
2	Dr. Yogeshwari Mahajan	NA	Geographic location based most secured authenticated system & remedies for mobile devices security at mountain areas	International Journal of Advance and Innovative Research (Conference Proceedings)	4th and 5th Jan.2022	ISSN: 2394 – 7780
5	Dr. Mrs. P Malathi	NA	"Spectrum Sharing Technique in 5G Cellular Network - A survey"	International Conference on Advanced Computing & communication Technology	6-7 May 2021	DOI: 10.1007/978-981-19-3575-6_3

6	Dr.Mrs.P Malathi	NA	A Review of In Band Full Duplex Communication in 5G Cellular Network	12th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	6-8 July 2021	DOI: 10.1109/ICC CNT51525.2 021
7	Dr.Mrs.P Malathi	NA	Hybrid Approach for Mouth Detection	2 nd International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2021)	10th April 2021	..ISBN: 978-81-953396-0-0
8	Dr.Mrs.P Malathi	NA	Cyber Physical System Security by Splunk	2nd International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2021)	10th April 2021.	NA
9	Dr.D G Khairnar	NA	“A Review On : Ageing Parameters and Monitoring Methods for Lithium Ion Batteries used in Electric Vehicle”	63rd National Convention on Evolution of Industrial Engineering in COVID Era	2021	NA
10	Dr.D G Khairnar	NA	MPSoC (Multi-Processor System on Chip) design and implementation using Microblaze processor for faster execution of Arithmetic application	Information Technology Next Generation: 2022	Mar-22	DOI: 10.1007/978-981-19-3575-6_3

11	Mrs.Manisha Rajput	NA	"Spectrum Sharing Technique in 5G Cellular Network - A survey"	International Conference on Advanced Computing & communication Technology	6-7 May 2021	DOI: 10.1007/978-981-19-3575-6_3
12	Mrs.Manisha Rajput	NA	A Review of In Band Full Duplex Communication in 5G Cellular Network	12th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	6-8 July 2021	DOI: 10.1109/ICC CNT51525.2021
13	Mrs.Swati Aswale	NA	Design and implementation of women safety system based on IOT technology	National Conference on Advancements in Communication, Computing and Electronics Technology	2021	NA
14	Mrs.Shilpa Jagtap	NA	Steganographic Data Hiding in QR Codes	National Conference on Relevance of Engineering and Science for Environment and Society	2021	NA
15	Mrs. Shilpa Jagtap	NA	A Novel Approach for Diagnosis of Diabetes Using Iris Image Processing Technique and Evaluation Parameters	National Conference on Relevance of Engineering and Science for Environment and Society	2021	NA
16	Mr.Aman B.Kamble Mrs.S Sarngi Mrs G Sharma	NA	The Encryption and Auditing Scheme of Cloud Data by a Third Party	International Journal of Research and Analytical Review(IJRAR)	22 nd March 2022 to 26th March 2022.	E-ISSN 2348-1269, P-ISSN 2349-5138,
17	Ms. Vishakha A. Metre	NA	Reviewing Important Aspects of Plant Leaf Disease Detection and Classification	ICONAT 2022 IEEE explorer	March 2022	978-1-6654-2577-3 ISBN:978-1-6654-2578-0

18	Ms. Vishakha A. Metre	NA	Research Opportunities for the detection and classification of plant leaf diseases	GCAT 2021IEEE explorer	Dec2021	
19	Ms. Vishakha A. Metre	Swarm Intelligence and Machine Learning	Scope of optimization in Plant Leaf Disease Detection using deep learning and swarm intelligence	NA	April 2022	9.781E+12
20	Rahul Y.Pawar, Pramod B. Deshmukh, Vishakha A. Metre	NA	Improving Plant yield by Smart Irrigation System using pH and NPK Sensors	Techno-Societal 2020 Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications— Volume 2	Jun 20	ISBN: 978-3-030-69925-3
21	Pramod B. Deshmukh; Vishakha A. Metre, Rahul Y. Pawar	NA	Calorimeter: Food Calorie Estimation using Machine Learning	2021 International Conference on Emerging Smart Computing and Informatics (ESCI) DOI: 10.1109/ESCI50559.2021	5-7/March/2021	Electronic ISBN:978-1-7281-8519-4 Print on Demand(PoD) ISBN:978-1-7281-8520-0
22	Ms. Bhagyashree A. Tingare	NA	Comparative Study of Various 3D Depth Cameras	International Conference on. Electronics, Communication and Aerospace Technology ICECA 2021.	Aug 21	
24	Mrs Ashwini Patil	NA	Mechanical strength and durability performance of sea water concrete incorporating supplementary	Materialstoday: Proceeding	15-Apr-22	http://dx.doi.org/10.1016/j.matpr.2022.03.600

			cementitious materials in different curing conditions			
25	Mrs Smita Pataskar	NA	Study of Indirect Traffic Parameters along Metro Construction Route"	Springer Nature Proceedings	1-Feb-22	ISBN: 978-981-16-6879-1
31	Dr. Vinayak Kottawar	NA	Celestial Learning:Secure eLearning platform using Node-Express	5th International Conference on Computer, Communication and Signal Processing (ICCCSP)(Con.P roceedings IEEE)	24-25 , May 2021	978-1-6654-3277-1
32	Dr. Vinayak Kottawar	NA	TnP Vision:Automati on and Analysis of Campus Placements in Colleges	5th International Conference on Computer, Communication and Signal Processing (ICCCSP)(Con. Proceedings IEEE)	24-25 , May 2021	978-1-6654-3277-1
33	Dr. Vinayak Kottawar	NA	AlgoAssist:Algor ithm Visualizer and Coding Platform for Remote Classroom Learning	5th International Conference on Computer, Communication and Signal Processing (ICCCSP)(Con.P roceedings IEEE)	24-25 , May 2021	978-1-6654-3277-1
34	Vaishali Kolhe	NA	Querylizer:Intera ctive Platform for database design and text to SQL conversion	2022 International conference for advancement in Technology(ICO NAT)	21-22-2022	NA
37	S Pathak, V Battul	NA	Seismic apraisement of Building with slit floor using composite column	Springer Nature Proceedings	2021	doi.org/10.1007/978-981-15-9162-4_11

38	Savita Jatti	NA	Effect of Metakaolin and steel fiber on Mechanical Properties of Hardened concrete	Proceeding of International Conference on sustainable development in concrete technology ICCSA 2021	19-Aug-21	NA
39	Ashwini Patil	NA	Comparative behaviour & Microstructure properties of sea water sea sand concrete	International Conference on emerging Trends in engineering and technology	Jul-22	ISBN No-978-93-92105-02-9
40	S.M Shiyekar	NA	An analytical and numerical solution for narrow sandwiched beam with functionally graded material core	International Conference on emerging Trends in engineering and technology	Jul-22	ISBN No-978-93-92105-02-9
41	Prital Kalasur, Hemant Bhojwani, Prachi Mahabdi, Harsh Nayan	NA	A Dissertation on Pre stressed concrete Post Tensioned slab - PT Slab	Proceeding of International Conference on sustainable development in concrete technology ICSDCT 2021	Aug-21	NA
42	Aparna Gaikwad	NA	Experimental analysis Bamboo Reinforcement	Proceeding of International Conference on sustainable development in concrete technology ICSDCT 2021	Aug-21	NA
43	Sunil Payghan, Suraj Wankhede, Suraj Gavahave	NA	Enhancing the water Resistance Property of Gypsum	Proceeding of International Conference on sustainable development in concrete technology ICSDCT 2021	Aug-21	NA

44	Smita Pataskar	NA	Analysis of Plumbing Engineering as career	NA	21-22	NA
45	Aradhana chavan	NA	An Overview of Machine Learning Technique foe evaluation of Pavement condition	IEEE 4th International Conference on Cybernetics ,cognition and ML application	21-22	NA
46	Aradhana chavan	NA	Tomographic Image Based Pavement Condition assessment Using ML Approach	NA	21-22	doi.org/10.36375/prepare_u.iei.a 153
47	Ashwini Patil	NA	Review on effect of sea sand and sea water as mixing and curing agent in concrete application	Proceeding of International Conference on sustainable development in concrete technology ICSDCT 2021	Aug-21	NA
48	Ashwini Patil	NA	Comprehensive behaviour and Microstructure properties of sea water sea sand concerte	International Conference on emerging Trends in engineering and technology	Jul-22	NA
49	Vinayak Bembrekar	NA	Experimental Investigation and Micro structural variation in friction drilling on AISI 1015 low carbon steel using tungsten carbide tool	4th International conference on Advanced technologies for societal applications	Dec-22	NA
53	Dr Vinay Kulkarni	NA	Effectiveness of CO-PSO formulation and attainment with T shape engineer foe aligning students learning outcomes with alumni profiles	Ninth International Conference on transformations in engineering education	Jan-22	NA

54	Pauroosh Kaushal , Rohini Mudhalwadkar	NA	Internet of things enabled Electronic Tongue for remote monitoring of water quality	Springer Nature Proceedings	May-21	NA
60	Jyoti choudrie, Parikshit Mahalle, Thinagaran Perumal, Amit Joshi	NA	ICT with intelligent applications	Proceeding of ICTIS 2022 ICCSA 2021	2022 feb	NA
62	Vishakha Metre,Sudhir Sawarkar	NA	Reviewing Important Aspects of Plant Leaf Disease Detection and Classification	International Conference 2022	2022 feb	NA

B. Patents

Sr. No	Name of Inventor	Type of IPR (Patent/ Copyright/ Trademark)	Title Of The Invention	Published/ Granted
1	Subodh Milind Phade, Tapobrata Dey	Patent	The Buoyance loop	Under Process
2	Harshada Namdev Talape, Shinde Akshaykumar Rajendra, Shubham Chaturvedi, Tayade Ritul Rambhau	Patent	Dual Working Composite Mask Vending Machine With Disposing Unit For Destroying Waste Masks.	published
3	Usha Jadhav, Dr. P Malathi	Copyright	Fault Tolerance Improvement in Multi-Core System Using Artificial Intelligence	Published
4	Trupti Rhishikesh Wagh	Copyright	Optimization of Power Allocation for Base Stations In 5G Cellular Networks	Published
5	Dr. Manish Sharma, Dr. Rutuja Deshmukh	Patent	Design of a Chatbot for Psychiatric Consultation using Sentimental Analysis	Published

6	Mrs. Sayali Nitin Mane, Dr. Dilip G. Khairnar	Copyright	Secure and Efficient Technique for Tunnel Free Distributed IP Mobility Management	Published
7	Dr. Suja Thangaraj, Dr. Vijaya Kumar Gudivada, Dr. Ganesh Radhakrishnan, M.Angeline Felicia Dr.K.Padmanabhan Dr.S.Anitha D.Rajagopal Dr. S. Saravanan Dr.Abhijit J.Patankar Dr. Brijesh Sathian Dr. T. Bothiraj	Patent	Prevention of cyber-attacks on healthcare organizations using IoT, Cloud Computing and Machine Learning approach	Published
8	Amita Jajoo, V A Kulkarni, Parth Shinde, Aditya Patil, Sapana Kolambe	Copy Rights	attainDI: Complex PO attainment and DI calculations at your fingertips	
9	Mr. B. Sathiyaprasad, Dr.Rajaram Jatothu, Dr.M.Dhasaratham, Mr. Varun Kumar Kakar, Mrs. Madhuri Gurale, Dr. Ajay Arya, Mrs. Aarti S. Jadhav Patil, Mr. Y. M. Mahaboobjohn, Mr. Navnath D. Kale, Dr. Gulshan Kumar, Dr. Arun Kumar Pallathadka, Dr. Harikumar Pallathadka	Patent	IoT, AI Based Implementation of smart Surveillance System with Facial Recognition and Image- processing approach	Published
10	Vaishnavi Dadasaheb Vaidya, Rishikesh Vishnudas Mundada, Mayur Rajesh Budhodkar, Kalyan Devappa Bamane	Copy Rights	E-Ticket System For Public Transport	Published

11	Dr. Sourabh Nema, Dr S G Prabhakaran, C Mahavishnu, Anand S, K.Raj Thilak, Dr. Sandip Debnath, Dr Raviprakash Dagdusaheb Thombre, Dr. Abhishek Das, Dr.Abhijit J.Patankar, Dr. Brijesh Sathian,Abhilash. E.S, K Komala Devi	Patent	Iot, ML, Big Data Based Smart Agriculture For Predicting Water Requirement, Live Temperature And Humidity Monitoring In Agriculture Sector	Published
12	Mr. Mahesh V.Tatikonda and others (outside dypcoe)	Patent	A Moould for Preparing Additives For Stabilization of soil & Additives Prepared Therefrom	Granted
13	Mr. Mahesh V.Tatikonda	Copyright	Durability and micro structural co relation of normal concrete and recycled aggregate concrete with mineral admixture	Published
14	Dr.Nitin Kundli Kamble 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
15	Dr. R. John Martin Dr. Nitin Kundlik Kamble Prof. (Dr.) Anurag Dixit Prof. Chintal Upendra Raval Dr. Sheshang Degadwala Dr. Pooja Sharma	Patent	Artificial Intelligence Based Decision Making Intelligent Humanoid Robot	Published

C. Funded projects / Research Projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Name of the Funding Agency	Type (Government/non- Government)
Estimation of inter laminar transverse shear stresses in sandwiched structures using a higher order shear and normal deformation theory	Dr. S M Shiyekar	Civil Engineering	Mar-22	9,10,000	ISRO-SPPU	Government
Study of online teaching and learning: Interaction of large participants	Dr. Mrs. P. Malathi	Electronics & Telecommunication	Jan-22	22,000	The Demings Foundation, India	
Promoting Interest Creativity and Ethics among students (SPICES)	Dr. Mrs. M. Potey, Mrs. Vaishali Kolhe	Computer Engineering	May-22	100,000	AICTE, New Delhi	Government
Biomedical NLP Based Adaptive Security System	Dr. Manish Sharma,	E and TC Engineering	Mar-22	25,000	M/s. Amstech Pvt. Ltd.	
Mobile Application for Real Estate Business	Dr. Preeti Patil,	Information Technology	Mar-22	30,000	M/s. Rempo Ventures Pvt. Ltd.	
Digital twin development for CMM interim checking	Dr. Vinay Kulkarni,	Mechanical Engineering	May-22	1,02,000	M/s. Inspatech Engineering	
Low cost Dynamics	Dr. V.A. Kulkarni	Mechanical	AY-2021-22	270000	Inspatech engineering	Non-Government

14. Faculty Achievement /Recognition

Sr No	Name of Teacher	Name of Body	International/ National	Year/ Duration
1.	Dr. Mrs. P. Malathi	Second Prize for paper presented in International conference ICOSA 2021	International	2021
2.	Mr.P.R.Padave	Best Research Scholar Award	National	2021
3.	Dr. Rutuja Deshmukh	Reviewer for IEEE International conference on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent	International	1-3 Dec 2021
4.	Dr. D. G. Khairnar	Technical Program Committee Member on International Conference on Time Series and Forecasting- ITISE 2021.	Gran Canaria (Meloneras), Spain	19th-21th July, 2021.
5.	Dr. Manish Sharma	"Best Researcher Award" in the International Conference by VDGGOOD Professional Association	Chennai	12th November 2021
6.	Ms. Usha Jadhav	winner of Ideathon contest during Faculty Workshop on Embedded System- An Application-Driven Approach organized by ST Microelectronics in association with AICTE and ARM	Online Faculty workshop	25 to 27th August 2021
7.	Mr. N.V. Mane	Subject Chairman, Student Welfare officer	2015- 2021	till date
8.	Mrs.Shanthi K Guru	Reviewer	International	2021