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**Savitribai Phule Pune University**  
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**College Details**

<b>1.</b>	<b>Name Of the Department/College/Institute</b>	:	Sandip Foundation Sandip Institute of Technology and Research Center Addr: Trimbyak Road Mahiravani Ta: Nashik Dist: Nashik	<b>2.</b>	<b>Address Of the Department/College/Institute</b>	:	Trimbyak Road Mahiravani Ta: Nashik Dist: Nashik Pincode: 422213
<b>3.</b>	<b>Name Of the Head/Principal/Director</b>	:	GANDHE SANJAY TRYMBAK	<b>4.</b>	<b>Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address</b>	:	Tele.- 02594-222551 Email- principal@sitrc.org URL- www.sandipfoundation.org

**5. Reference Books/Monographs Published by Teacher (2018-2019) :**

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Nayak Jyotiprakash Giridharilal	Quantity Surveying Contracts & Tenders in Civil Engineering	NIRALI PUBLICATION	2018	3857477449 /
2	Potgantwar Amol Dnyaneshwar	Database Mangement System with NoSQL	LAP Lambert Academic Publishing	2019	6139959047 / 978-6139959044 / NA
3	Burade Prakash Gajanan	Basic Electrical Engg	Vijay Book Publication	2019	2019 / 2019
4	Burade Prakash Gajanan	Advanced Electrical Engg	Vijay Book Publication	2019	2019 / 2019
5	Pawar Swati Suresh	Implementation of Authentication and Access Control Protocol for Heterogeneous Network	Springer Nature Singapore Pte Ltd. 2019	2019	978-981-13-3461-0 / 978-981-13-3462-7
6	Ugale Vivek Dhruv	Implementation of Authentication and Access Control Protocol for Heterogeneous Network	Springer Nature Singapore Pte Ltd. 2019	2019	978-981-13-3461-0 / 978-981-13-3462-7
7	Gaikwad Yogesh Murlidhar	Implementation of Authentication and Access Control Protocol for Heterogeneous Network	Springer Nature Singapore Pte Ltd. 2019	2019	978-981-13-3461-0 / 978-981-13-3462-7

**6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2018-2019)**

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	9	2	0



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7. Research Publications in National and International Journals/Edited Books/Proceedings (2018-2019)						
Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Mahajan Kanchan Bhagwat	Activity Tracker During Cancer Treatment Using Visual Cryptography	International Journal of Research and Analytical Reviews	6 & 3	2019	- / 2348-1269,
2	Mahajan Kanchan Bhagwat	Root User Tracking and Content Blocking Approach on Social Platform	International Journal of Research in Advent Technology,	- & 4	2019	- / 2321-9637
3	Gadekar Amit Ramesh Rao	Cloud Based Secure Data Segmentation Techniques	International Journal on Emerging Trends in Technology	5 & 4	2018	0 / 2350-0808
4	Gadekar Amit Ramesh Rao	Preserving Data Confidentiality in Cloud Computing	International Journal for Research in Applied Science & Engineering Technology	6 & 5	2018	0 / 2321-9653
5	Gadekar Amit Ramesh Rao	Cloud Based Secure Storage for Online Examination System	International Journal of Engineering & Technology	7 & 4	2018	0 / 2227-524X
6	Gadekar Amit Ramesh Rao	Implementation of Cryptographic Algorithms for Performance Measurement in Cloud Computing	Journal of Emerging Technologies and Innovative Research	5 & 5	2018	0 / 2349-5162
7	Gadekar Amit Ramesh Rao	Design and Implementation of Secure Multi-Cloud Storage Mechanism	International Journal of Research in Engineering, IT and Social Sciences	8 & 6	2018	0 / 2250-0588
8	Patel Jagdish Ambalal	A REVIEW PAPER ON EFFICIENT GARBAGE MONITORING MANAGEMENT IN SOCIETY USING IOT	Journal of Emerging Technologies and Innovative Research (JETIR)	5 & 643	2018	2349-5162 / 2349-5162
9	Patel Jagdish Ambalal	A Review Paper Design and Development of a Smart Mirror Using Raspberry Pi	International Journal of Engineering and Science Invention (IJESI)	7 & 40	2018	2319 – 6734 / 2319 – 6734
10	Patel Jagdish Ambalal	Industrial Robot Based Welding Application	Journal of Emerging Technologies and Innovative Research	6 & 44	2019	2349-5162 / 2349-5162
11	Patel Jagdish Ambalal	Real Time School Bus Arrival Indication System using different sensors	Journal of Emerging Technologies and Innovative Research	6 & 322	2019	2349-5162 / 2349-5162



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12	Mandale Rahul Murlidhar	NAAC Revised Assessment and Accreditation Process at a Glance	International Journal of Trend in Scientific Research and Development (IJTSRD)	2 & 7	2018	0 / 2456-6470
13	Borse Janhavi Hemant	3D Printing Technologies:Comparisons and Impact on Society	IJSART	4 & 6	2018	2395-1052 / 2395-1052
14	Shirsath Pankaj Suresh	Design & Development of Template Assembly & Modification in Center less Grinding Machine	Design & Development of Template Assembly & Modification in Center less Grinding Machine	4 & 3	2019	- / 2456-2165
15	Pawar Mahendra Ashok	DESIGNING & MODIFICATION FOR FLEXIBILITY OF INJECTOR ASSEMBLY LINE	International Journal of Advance Research in Science and Engineering	7 & 10	2018	2319-8354 / 2319-8354
16	Kulkarni Nikhil Lilakar	ACUTE ELECTRICITY MANAGEMENT	IJCRT	6 & 4	2018	2320-2882 / 2320-2882
17	Phade Gayatri Makarand	FPGA Based Home Automation System	International Journal for Science and Advance Research in Technology	4 & 5	2018	2395-1052 / 2395-1052
18	Phade Gayatri Makarand	Co-Ordinated Motion Control of Robotic Arm For Micro-Positioning Under Industrial Environment	International Journal for Science and Advance Research in Technology	4 & 6	2018	2395-1052 / 2395-1052
19	Phade Gayatri Makarand	Distant Control Mechanism for Electrical Stacker using IOT	International Journal for Science and Advance Research in Technology	4 & 5	2018	2395-1052 / 2395-1052
20	Phade Gayatri Makarand,Sali Sonal ,Zarole Shruti ,Patil Pranali	Review on Design and Development of Hydro-pneumatic Pump Controller for Building Automation	International Journal For Research & Development In Technology	7 & 4	2018	2349-3585 / 2349-3585
21	Phade Gayatri Makarand	Industrial Robot Based Automobile Drilling Application	JETIR	6 & 4	2019	2349-5162 / 2349-5162
22	Phade Gayatri Makarand	Embedded Vision Based Cost Effective Tele-operating Smart Robot	International Journal of Innovative Technology and Exploring Engineering	8 & 7	2019	2278-3075 / 2278-3075



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23	Patil Prabodhan Ulhas	An Analytical Study of Investors Perception Towards ULIP : A Study with Special Reference to Teaching Faculty in Jalgaon City	PARIPEX-INDIAN JOURNAL OF RESEARCH	7 & 46	2018	0 / 2250-1991
24	Patil Prabodhan Ulhas	Secrets of Systematic Investment Plans (SIPs) as an Investment Tool	An International Multidisciplinary Half Yearly Research Journal "Genius"	VI & 19	2018	0 / 2279-0489
25	Patil Prabodhan Ulhas	Study of Individual Behaviour About Economics of Private Digital Currency: Study With Special Reference to Bitcoin	Study of Individual Behaviour About Economics of Private Digital Currency: Study With Special Reference to Bitcoin	01 & 32	2018	0 / 2455-3573
26	Patil Prabodhan Ulhas	An Analytical Study of Investors Perception Towards Mutual Fund: A study with Special Reference to Teaching Faculty In Nashik	Aarhat Multidisciplinary International Education Research Journal	VII & 42	2018	0 / 2278-5655
27	Bag Rohit Vilasrao	Innovative Model To Conserve Energy At Home Using IoT	IJRAT	6 & 5	2018	Maharashtra / 2321-9637
28	Yadav Jaywant Namdev	A Review Of Aerodynamic Study For Reduction Of Drag Force In Cars In Order To Enhance The Performance	IJETT	5 & 1	2018	ISSN: 2455 – 0124 (Online) / ISSN: 2455 – 0124 (Online)
29	Yadav Jaywant Namdev	A Review on Effect of Microchannel condenser on performance of refrigeration system” International Journal on Emerging Trends in Technology	The International Journal on Emerging Trends in Technology(IJETT) IJETT	Volume 5 & 5	2018	ISSN: 2455 – 0124 / ISSN: 2455 – 0124
30	Yadav Jaywant Namdev	A Review on Effect of Microchannel and Nanofluids on Cooling Capacity of Radiator	(IJETT) IJETT	5 & 6	2018	ISSN: 2455 – 0124 /   ISSN: 2455 – 0124
31	Yadav Jaywant Namdev	The Case Study of Pump as Turbine	International Journal of Applied Engineering Research	Volume 13 & 5	2018	ISSN 0973-4562 / ISSN 0973-4562
32	Yadav Jaywant Namdev	“Review of Cooling of Gas Turbine Blades”	International Journal of Applied Engineering Research	Volume 13 & 6	2018	ISSN 0973-4562 / ISSN 0973-4562



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33	Waghmare Vivek Nivruttirao	Internet of Things (IoT) Based System for Monitoring and Controlling Air Pollution	Elixir International Journal	130 & 3	2019	0000 / 2229-712X
34	Waghmare Vivek Nivruttirao	A Noval Approach For Passport Digitization Using 256 - Bits Encryption Technique	International Journal for Science and Advance Research In Technology	4 & 5	2018	0000 / 2395 - 1052
35	Patil Prashant Vijaysing	An Analytical Study of Investors Perception Towards Mutual Fund: A study with Special Reference to Teaching Faculty In Nashik	Aarhat Multidisciplinary International Education Research Journal	VII & 42	2018	0 / 2278-5655
36	Patil Prashant Vijaysing	Study of Individual Behaviour About Economics of Private Digital Currency: Study With Special Reference to Bitcoin	An International Multidisciplinary Half Yearly Research Journal "Genius"	01 & 32	2018	0 / 2455-3573
37	Patil Prashant Vijaysing	"A STUDY OF INTEREST RATES PATTERNS AND ITS IMPACT ON INVESTMENT PERSONALITY OF AN INDIVIDUAL: EVIDENCE FROM EXPERIMENTS IN INDIA"	GJRA	07 & 3	2018	0 / 2277-8160
38	Garudkar Pratap Shivaji	Design of material handling system for kit packing machine	International Journal of Applied Engineering Research	13 & 4	2018	0 / 0973-4562
39	Vaidya Om Vitthal	Working Of Benkleman Beam Deflectometer	International Research Journal of Engineering and Technology (IRJET)	5 & 2	2018	2395 / 2395-0056
40	Karkade Hemant Bakaramji	LASER BEAM WELDING AND EXPERIMENTAL ANALYSIS OF LASER WELD QUALITY: A REVIEW	Journal of Applied Physical Science International	1 & 13	2019	0 / 2395-5279
41	Jagtap Vishal Prakash	IOT based patient monitoring system	IJETTCS	7 & 5	2018	978-93-80609-14-0 / 2278-6856



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42	Nikam Mohan Chandrabhan	Voice Recognition Scheme for Coding Console Using Natural Language Processing-A Survey	International Journal of Engineering Research in Computer Science and Engineering	5 & 5	2018	- / 2394-2320
43	Nikam Mohan Chandrabhan	A novel Heart Failure prediction system using ANN	INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED SCIENCE	7 & 5	2019	00000000 / 2321-9653
44	Nikam Mohan Chandrabhan	Smart Farm For Animal Welfare Monitoring	International Journal on Emerging Trends in Technology	6 & 4	2019	2455-0124 / 2455-0124
45	Nikam Mohan Chandrabhan	Development of Secured Log Management System Over Blockchain Technology	International Journal of Cyber Research and Education	1 & 5	2019	2577-4824 / 2577-4816
46	Kumar Santosh Dineshwar	Analyzing Health Data by Automatic Prediction of Patient Health Condition	Science Publishing Corporation's International Journal of Engineering and Technology(UAE)	7 & 4	2018	NA / 2227-524X
47	Potgantwar Amol Dnyaneshwar	Efficiently Verifiable Computations On User Data For Behavior Analysis With Privacy Preservation	Science Publishing Corporation's International Journal of Engineering and Technology(UAE)	7 & 5	2018	NA / 2227-524X
48	Potgantwar Amol Dnyaneshwar	An Efficient Scheme To Support Direct Revocation In Cloud Computing Using Cpabe :the Approach With Less Time Constraints	Science Publishing Corporation's International Journal of Engineering and Technology(UAE)	7 & 6	2018	NA / 2227-524X
49	Patil Kavita Sukdev	Child Security System using Mobile App	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING	7 & 5	2018	2278 – 8875 / 2320 - 3765
50	Patil Kavita Sukdev	college campus network design	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING	7 & 3	2018	2278 – 8875 / 2320 - 3765
51	Burade Prakash Gajanan	Power System Security with Contingency Technique by Using SSSC & UPFC	IJITEE	5 & 8	2019	2278-3075 / 2278-3075
52	Burade Prakash Gajanan	Power System Security by FACTS Devices using GA	IJRTE	3 & 9	2019	2278-0181 / 2278-0181



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53	Burade Prakash Gajanan	Enhancement of power system performance by Static Synchronous Series Compensator (SSSC)	IJRAR	2 & 8	2019	2349-5138 / 2348-1269
54	Burade Prakash Gajanan	Detection of Different Types of Fault and its Location in Transmission Line by using Negative Sequence Component	International Journal on Future Revolution in Computer Science & Communication Engineering	04 & 6	2018	2454 - 4248 / 2454 - 4248
55	Kasar Satyajit Vilas	Thermal hydraulic studies on cold start-up in a multichannel natural circulation system	Journal of Nuclear Engineering and Design	341 & 15	2019	Maharashtra / 0029-5493
56	PACHORKAR PRAVIN RAGHUNATH	DISTRESS SIGNAL MESSAGING THROUGH RADIO FREQUENCY FOR MOBILE	International Journal of Engineering Research in Computer Science and Engineering	5 & 4	2018	2394-2320 / 2394-2320
57	Pachorkar Pravin Raghunath	VEHICLE OVERHAUL AUTONETICS USING ARDUINO	International Journal of Engineering Research in Computer Science and Engineering	5 & 4	2018	2394-2320 / 2394-2320
58	Rajak Dipen Kumar	Investigation of mild steel thin-wall tubes in unfilled and foam-filled triangle, square and hexagonal cross-sections under compression load	Journal of Materials Engineering and Performance	27 & 1944	2018	NA / 1544-1024
59	Rajak Dipen Kumar	Fabrication and investigation of influence of CaCO <sub>3</sub> as foaming agent on Al-SiCp foam	Materials and Manufacturing Processes	00 & 0	2018	1042-6914 / 1532-2475
60	Rajak Dipen Kumar	Quasi-static compressive deformation behavior of aluminium alloy (AlSi7Mg) foam under axial loading	Research & Development in Material Science	6 & 628	2018	NA / 2576-8840
61	RAJAK Dipen Kumar,L Kumaraswamidhas A, Das S	Experimental fabrication and compression analysis characterization of LM30 Al-alloy foam with 5wt% SiCp at room temperature	Materials Research Express	5 & 526	2018	NA / 2053-1591



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62	Rajak Dipen Kumar	Evaluation of mild steel hollow and foam filled circular tubes under axial loading	Advanced Materials Letters	9 & 664	2018	NA / 09763961
63	Ghalme Sachin Ganpatrao	Review on Evolution of Silicon Nitride in the Field of Orthopedics	Current Trends in Biomedical Engineering & Biosciences	11 & 3	2018	-- / 2572-1151
64	Thoutam Naresh Chandramouli	An Iot based Smart Locker using BLE Technology	IJERT	8 & 5	2019	0 / 2278-0181
65	Thoutam Naresh Chandramouli	Resource Optimization Using Cloud Scheduling	IJITEE	8 & 184	2019	0 / 2278-3075
66	Thoutam Naresh Chandramouli	IMPLEMENTATION OF RESOURCE OPTIMIZATION APPROACHES FOR WORKFLOW SCHEDULING	JARDCS(Scopus)	10 & 2021	2018	0 / 1943-023X
67	Thoutam Naresh Chandramouli	Resource Optimization Using Cloud Scheduling	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8 & 5	2019	00 / 2278-3075
68	Patil Milind Motiram	Application of Monte Carlo and regression analysis technique in maintenance management	PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON MECHANICAL AND MATERIALS SCIENCE ENGINEERING: Innovation and Research-2018	2018 & 5	2018	978-0-7354-1736-6 / -
69	Patil Milind Motiram	Bending Characteristics of Foam Filled Mild Steel Bumper Beam under Gradual Loading Condition	International Journal of Applied Engineering Research	13 & 5	2018	-- / 0973-4562
70	Patil Rakesh Sonaji	Government schemes & Policies for Women Empowerment in India	IQAC	0 & 0	2019	0 / 0
71	Patil Rakesh Sonaji	"An analytical Study of Investor perception towards ULIP : A study with special reference to teaching Faculty in Jalgaon city"	Paripex- Indian Journal of Research	07 & 0	2018	0 / 0





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72	Patil Rakesh Sonaji	Impact of Corporate Governance on Strategic Management and Ownership Structure of Start-ups	Aarhat Multidisciplinary International Education Research Journal	Vol. II & 156	2018	0 / ISSN-2278-5655
73	Patil Rakesh Sonaji	A study on relationship Between organizational change and corporate sustainability	International Journal of Management- Vision Beyond	Vol. I & 144	2018	0 / ISSN-2455-3573
74	Patil Rakesh Sonaji	A study of Interest Rates patterns and its impact on investment personality of an Individual: Evidence from Experiments in India	Global Journal for Research Analysis	Vol. VII & 519	2018	0 / ISSN 2277-8160
75	Patil Rakesh Sonaji	A study on relationship between interpersonal communication of employees and organizational effectiveness	An International Journal of Multidisciplinary Half Yearly research Journal- Genius,	Vol. VI & 15	2018	0 / ISSN-2279-0489
76	Patil Rakesh Sonaji	Study of Individual Behaviour about economics of private digital currency:study with special reference to Bitcoin	An International Journal of Multidisciplinary Half Yearly research Journal- Genius,	Vol. I & 32	2018	0 / ISSN-2455-3573
77	Patil Pramod Gorakh	WI-FI DUSTBIN.	International Journal of computer engineering and applications.	12 & 6	2018	- / 2321-3469
78	Patil Pramod Gorakh	Secure data deduplication system with tag consistency in cloud data storage.	International journal of creative research thoughts.	6 & 3	2018	- / 2320-2882
79	Patil Pramod Gorakh	IoT Based Robot Navigator	International Journal of Research in Advent Technology.	- & 3	2019	- / E-ISSN: 2321-9637
80	Patil Pramod Gorakh	MELANOMA SKIN CANCER DETECTION USING IMAGE PROCESSING	IJRAR	6 & 3	2019	- / 2348-1269
81	Patil Sarika Prashantkumar	Impact of Leadership Quality on Employee Motivation and Retention	AARHAT Multidisciplinary International Education Research Journal .UGC Approved journal No.48178,48818, Impact Factor 5.18	VII & 137	2018	2278-5655 / 2278-5655



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82	Patil Sarika Prashantkumar	Relationship Between Recruitment Practices & Employee Retention	International Multidisciplinary Half Yearly Journal GENIUS. UGC Approved journal No 47100 , Impact Factor 4.248	VI & 41	2018	2279-0489 / 2279-0489
83	Patil Sarika Prashantkumar	A Study of Relationship Between Organizational Performance and Organizational Sustainability	International Journal of Management Vision Beyond .	I & 39	2018	2455-3573 / 2455-3573
84	Rajebhosale Sagar Shankar	Smart Adaptive System for Construction Management Using IoT	International Journal of Engineering Research in Computer Science and Engineering	5 & 5	2018	2394 - 2320 / 2394 - 2320
85	Gadekar Amit Ramesh Rao	Cloud Computing Virtualization In Cloud Data Storage	International Journal Of Research In Electronics And Computer Engineering	6 & 4	2018	0 / 2348-2281 (P)
86	Gadekar Amit Ramesh Rao	Storage Space Management and Security by using DCACrypt	International Journal Of Research In Electronics And Computer Engineering	6 & 3	2019	0 / 2393-9028
87	Gadekar Amit Ramesh Rao	Preserving Data Storage Confidentiality Using Multi-Cloud Architecture	International Journal of Management, IT & Engineering	8 & 6	2019	0 / 2249-0558
88	Gadekar Amit Ramesh Rao	Secure Data Partitioning and Implementation on Multi-Cloud	International Journal Of Research In Electronics And Computer Engineering	6 & 6	2019	0 / 2393-9028
89	Gadekar Amit Ramesh Rao	Design and Implementation of Secure VSN Multi-cloud Storage Model	Journal of Emerging Technologies and Innovative Research (JETIR)	5 & 5	2019	0 / 2349-5162
90	Bhinde Hetal Nitin	“An outline of Happiness Index” in “International Journal of Social & Scientific Research”	International Journal of Social & Scientific Research	Volume 3 & 31	2018	NA / 2454-3187
91	Shirsath Rakesh Subhash	Transportations Services Using VANET Using Machine Learning Approach	International Journal of Research in Advent Technology (IJRAT)	0 & 4	2018	2321-9637 / 2321-9637
92	Shirsath Rakesh Subhash	ABE and Auditing Algorithm Based Secure Fine-Grained Data Access Control Over Multiple Cloud Servers	International Engineering Research Journal (IERJ)	3 & 5	2019	2395-1621 / 2395-1621



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93	Shirsath Rakesh Subhash	Restrofusion-Online Restaurant Management System	International Journal of Research and Analytical Reviews (IJRAR)	6 & 5	2019	2348-1269 (E)   2349-5138 (P) / 2348-1269 (E)   2349-5138 (P)
94	Shirsath Rakesh Subhash	Virtual Community Using Cloud Technology "Unitalk"	International Journal of Research and Analytical Reviews (IJRAR)	6 & 4	2019	2395-0056 (E)   2395-0072 (P) / 2395-0056 (E)   2395-0072 (P)
95	Shirsath Rakesh Subhash	Cloud-Based Agricultural Related Notifications Through SMS	i-manager's Journal on Communication Engineering and Systems	7 & 6	2018	doi.org/10.26634/jcs.7.3.14720 / doi.org/10.26634/jcs.7.3.14720
96	Shirsath Rakesh Subhash	Social Impact Portal for Mission Green	International Journal of Research and Analytical Reviews (IJRAR)	6 & 6	2019	2348-1269 (E)   2349-5138 (P) / 2348-1269 (E)   2349-5138 (P)
97	Nikam Vidya Ramdas	Properties Of Linear Codes Over Finite Strict Semidomain	Pramana Research Journal	09 & 7	2019	2249-2976 / 2249-2976
98	Nikam Vidya Ramdas	Rank Nullity Theorem in semilinear spaces over zerosumfree semirings	International Journal of Applied Engineering Research	(special issues) 13 & 4	2018	0973-4562 / 0973-4562
99	Salunke Prashant Gorakhnath	Industrial Robot based Painting Application	Journal of Emerging Technologies and Innovative Research	6 & 4	2019	NA / 2349-5162
100	Salunke Prashant Gorakhnath	Design of WSN Node For Protection of Forest Trees Against Poaching Using MSP430	International Journal for Science and Advance Research in Technology	4 & 7	2018	- / 2395-1052
101	Salunke Prashant Gorakhnath	UNDER VEHICLE MONITORING SYSTEM FOR HIGH SECURITY APPLICATION	Journal of Emerging Technologies and Innovative Research	5 & 4	2018	- / 2349-5162
102	Ghuse Namrata Dhanraj	Android Based Waste Management for Smart Cities Snap-Dust	SEEE-DIGIBOOK_ENGG-TECH_	1 & 6	2018	- / -
103	Ghuse Namrata Dhanraj	Compact Representation of Hospital Tracking System	IJRAR	6 & 6	2019	- / 2349-5138
104	Ghuse Namrata Dhanraj	GPRS Based Lan Monitoring System Using Cloud	IJRAR	16 & 6	2019	- / 2349-5138
105	Ghuse Namrata Dhanraj	A Method for Near Duplicate Image Matching	International Journal of Engineering Research	3 & 5	2019	- / 2395-1621



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106	Nikose Mangesh Dindayal	CPAODV. A Cross Layer Path Metric Algorithm for TCP improvement in Wireless Networks	IJCSIS	04 & 6	2019	5500 / 1947-5500
107	Solanke Adesh Bhimsing	A study on relationship between interpersonal communication of employees and oeganizational effectiveness	Genius	VI & 4	2018	2279-0489 / 2279-0489
108	Solanke Adesh Bhimsing	impact of corporate governance on strategic management and ownership structure of start-ups	Aaraht Multidiciplinary International Education Research Journal	III B & 5	2018	2278-5655 / 2278-5655
109	Solanke Adesh Bhimsing	A STUDY ON RELATIONSHIP BETWEEN ORGANIZATIONAL CHANGE AND CORPORATE SUSTAINABILITY	INTERNATIONAL JOURNAL OF MANAGEMENT VISION BEYOND	I & 4	2018	2455-3573 / 2455-3573
110	Khokale Swati Rahul	Identification of Unaided Person Using Finger Print Impression or Facial Recognition	International journal for science and advance research in technology(IJSART)	5 & 4	2018	2394-2320 / --
111	Khokale Swati Rahul	A Novel Approach for Identification of Unaided Person Using Finger Print Impression or Facial Recognition	international journal for science and advance research in technology	4 & 6	2018	-- / 2395-1052
112	Khokale Swati Rahul	A Novel Approach of Inhalt Based Video Recuperation System Using OCR and ASR Technologies	Asian Journal of Convergence in Technology	4 & 5	2018	-- / 2350-1146
113	Kuyate Prashant Bhaskar	Investigation On Heat Transfer Enhancement Of Flowing Water Inside A Circular Tube Having Twisted Tape Inserts Using Cfd	INTERNATIONAL JOURNAL OF ADVANCED RESAERCH AND ENGINEERING (IJASRE)	07 & 9	2018	23198346 / 23198354



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114	Kuyate Prashant Bhaskar	Experimental Study Of Heat Transfer Enhancement Of Flowing Water Inside A Circular Tube Having Twisted Tape Insert	INTERNATIONAL JOURNAL OF ADVANCED RESAERCH AND ENGINEERING (IJASRE)	07 & 10	2018	23198346 / 23198354
115	Deore Anjali Pavan	Introduction to Bigdata and Relation with IoT	International Journal of Engineering & Technology	7 & 4	2018	NA / NA
116	Deore Anjali Pavan	A Framework for Multi Features based Phishing Information Identification using NB and SVM Approach	IJCA	181 & 5	2018	- / 0975 - 8887
117	Deore Anjali Pavan	Encryption And Decryption Of Multi-Secret Images Using Boolean	JCTN	- & 5	2018	- / 1546-1963
118	Vaidya Omkar Suresh	Comparative Analysis of SURF and MSER based Detection Technique of Cluttered Objects in Multi-objects Scene	Journal of Emerging Technologies and Innovative Research (JETIR)	5 & 6	2018	2349-5162 / 2349-5162
119	Vaidya Omkar Suresh	Leap Motion Estimation for Controlling and Tracking of Drone	International Journal on Emerging Trends in Technology (IJETT)	6 & 4	2019	2455 - 0124 / 2455 - 0124
120	Vaidya Omkar Suresh	Embedded Vision Based Cost Effective Tele-operating Smart Robot	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8 & 7	2019	2278-3075 / 2278-3075
121	Vaidya Omkar Suresh	Visitor Monitoring System using Raspberry Pi	Journal of Emerging Technologies and Innovative Research (JETIR)	6 & 5	2019	2349-5162 / 2349-5162
122	Vaidya Omkar Suresh	IoT Based Garbage Collection And Vehicle Tracking System for Smart City	International Journal of Creative Research Thoughts (IJCRT)	6 & 6	2018	2320-2882 / 2320-2882
123	Vaidya Omkar Suresh	Blind Image Quality Evaluation of Stitched Image using Novel Hybrid Warping Technique	International Journal of Advanced Computer Science and Applications (IJACSA)	10 & 6	2019	2156-5570 / 2156-5570
124	Vaidya Omkar Suresh	Improvement in Image Alignment using Hybrid Warping Technique for Image Stitching	International Journal of Engineering Research and Technology (IJERT)	12 & 7	2019	Maharashtra / 0974-3154



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125	Mahajan Mukesh Pandit	IOT Based Gas Pipe Leakage Detection System Using Insect Robot	IJERD	4 & 40	2018	2278-800X / 2278-800X
126	Mahajan Mukesh Pandit	A Review on Smart Trolley and Billing System	IJERA	8 & 54	2018	2248-9622 / 2248-9622
127	Mahajan Mukesh Pandit	A Review on Water Distribution and Billing System	IJIREECE	6 & 20	2018	2321-2004 / 2321-2004
128	Mahajan Mukesh Pandit	Design And Analysis of Performance Parameters of Adders	IJSART	3 & 739	2018	2395-1052 / 2395-1052
129	Baviskar Prasad Ramchandra	Bending Characteristics of Foam Filled Mild Steel Bumper Beam under Gradual Loading Condition	International Journal of Applied Engineering Research	2018 & 5	2018	-- / 0973-4562
130	Baviskar Prasad Ramchandra	Bending Characteristics of Foam Filled Mild Steel Bumper Beam under Gradual Loading Condition	International Journal of Applied Engineering Research	13 & 5	2018	-- / 0973-4562
131	Ghonge Mangesh Manikrao	Effectiveness of Social Selfish Attack on Mobile Ad hoc Networks	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	63 & 6	2018	0 / 2278 – 1323,
132	Ghonge Mangesh Manikrao	Efficiently Verifiable Computations on User Data for Behavior Analysis with Privacy Preservation	International Journal of Engineering & Technology (IJET)	7 & 5	2018	0 / 2227-524X
133	Ghonge Mangesh Manikrao	Outlier Cluster Detection Algorithm based on Data Mining	International Engineering Research Journal (IERJ)	3 & 6	2019	- / 2395-162
134	Ghonge Mangesh Manikrao	Detection of Optical Characters Using Text Structure Modeling	International Journal of Engineering & Technology (IJET)	7 & 5	2018	0 / 2227-524X
135	Ghonge Mangesh Manikrao	Mining Rare Patterns by Using Automated Threshold Support	International Journal of Engineering & Technology (IJET)	7 & 5	2018	0 / 2227-524X
136	Ghonge Mangesh Manikrao	Design and Development of Street Crack Detection	International Journal of Engineering & Technology (IJET)	7 & 5	2018	0 / 2227-524X



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137	Gandhe Sanjay Trymbak	Under Vehicle Monitoring System For High Security Application	Journal of Emerging Technologies and Innovative Research	5 & 4	2018	2349-5162 / 2349-5162
138	Awate Swapnil Prakash	Design and development of a material handling trolley operated by self-weight of the job	AIP Conference Proceedings	2018 & 6	2018	978-0-7354-1736-6 / 978-0-7354-1736-6
139	Patil Gokul Laxman	Enhancing software automation using DevOps	International Journal of Research in Advent Technology	7 & 83	2019	2321-9637 / 2321-9637
140	Patil Gokul Laxman	HealthCare System for Chronic Obstructive Pulmonary Disease Patient	International Journal of Research in Advent Technology	7 & 4	2019	2321-9637 / 2321-9637
141	Palve Amit Haridas	Towards Describing Visual Explanations Using Machine Learning	IJCST	7 & 5	2019	0 / 2347-8578
142	Joshi Vaibhav Vijay	Home Automation Using AVS	IJSART	4 & 4	2018	000 / 2395-1052
143	Joshi Vaibhav Vijay	Quadcopter Surveillance for Cleaning Agent	IJAREEIE	7 & 3	2018	000 / 2320-3765
144	Patil Vivek Devidas	Virtualization by Integrated Lightweight Development Tool (VILD)-For Multimedia application	International Journal of Engineering Research in Computer Science and Engineering	5 & 6	2018	- / 2394-2320
145	Ahire Jeevan Babulal	Make in India Campaign – Future of Tomorrow	International Journal of Management – “Vision Beyond”	01 & 161	2018	0 / 2455-3573
146	Ahire Jeevan Babulal	Secrets of SIP’s as an Investment Tool	GENIUS (Peer Reviewed Referred and UGC Listed Journal No. 47100)	VI & 19	2018	0 / 2279-0489
147	Ahire Jeevan Babulal	Impact of Online Shopping on Consumer Behaviour with Reference to Indian Customers	Aarhat Multidisciplinary International Education Research Journal - (UGC Approved Journal No 48178, 48818)	VII & 64	2018	0 / 2278-5655
148	Patil Bharati Ashok	Online Fake Drug Detection System using Big Data Analysis	IJETT	5 & 3	2018	2455 – 0124 / 2455 – 0124
149	Patil Bharati Ashok	Scenario based DCMS for e-Learning Environment	IJETT	5 & 3	2018	2455 – 0124 / 2455 – 0124



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150	Patil Bharati Ashok	Fuzzy Logic Controller For Irrigation Scheduling in Green-House Horticulture	International Journal of Research in Advent Technology	6 & 5	2018	23219637 / ISSN 3221-9637
151	Patel Jagdish Ambalal	Real Time School Bus Arrival Indication System	International Journal of Engineering and Techniques	5 & 126	2019	2395-1303 / 2395-1303
152	Sulakhe Vishal Narayanrao	Influence of powder-mixed dielectric on MRR and TWR in EDM process	AIP Conference Proceedings	9	2018	1 / 1551-7616
153	Relkar Anand Sakhabapu	Application of Monte Carlo and Regression analysis technique in Maintenance Management	AIP Conference proceedings 2018	5	2018	- / -
154	Gadekar Amit Ramesh Rao	Cloud Based Secure Storage for Online Examination System	International Conference on Advent Trends in Engineering, Science and Technology (ICATEST-2018)	5	2018	0 / 2227-524X
155	Katkade Santosh Dattatrey	A review on heat transfer enhancement with turbulators	AIP conference proceedings: ICMMSSEIR	5	2018	- / -
156	Katkade Santosh Dattatrey	Horizontal axis water turbine: Generation and optimization of green energy	-	5	2018	- / 0973-4562
157	Hase Sachin Badshah	An Experimental study of Contemporary brake lining	AIP conference proceedings	6	2018	-- / -
158	Vaidya Omkar Suresh	The Study of Preprocessing and Postprocessing Techniques of Image Stitching	International Conference on Advances in Communication and Computing Technology (ICACCT)- 2018	5	2018	0 / 0
159	Vaidya Omkar Suresh	Internet of Thing Based Smart Water Meter Control System	National Conference on Recent Explorations & Advancements in Technology & Engineering ( NCREATE-2018)	4	2018	0 / 0
160	Vaidya Omkar Suresh	IoT Based Garbage Collection And Vehicle Tracking System for Smart City	International Journal of Creative Research Thoughts (IJCRT)	6	2018	2320-2882 / 2320-2882
161	Vaidya Omkar Suresh	Industry 4.0: Real Time Bottle Inspection System for Smart Industry	National Conference on Advances in Engineering & Management (NCAEM) -18	4	2018	0 / 0
162	Vaidya Omkar Suresh	Hand Gesture Based Music Player Control in Vehicle	IEEE International Conference for Convergence in Technology (I2CT 2019)	5	2019	0 / 0





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163	VAIDYA OMKAR SURESH	Hand Gesture Based Music Player Control in Vehicle	IEEE International Conference for Convergence in Technology (I2CT 2019)	5	2019	0 / 0
164	Baviskar Prasad Ramchandra	Application of Monte Carlo and regression analysis technique in maintenance management	PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON MECHANICAL AND MATERIALS SCIENCE ENGINEERING: Innovation and Research-2018	5	2018	978-0-7354-1736-6 / --
165	Ghonge Mangesh Manikrao, Kotwal Pooja, Potgantwar Amol D	Aggregation Scheme for Behavior Pattern Analysis in Social Networking Sites	IEEE International Conference on Advances in Communication and Computing Technology (ICACCT)- 2018	5	2018	978-1-5386-0927-9 /
166	Ghonge Mangesh Manikrao	A Review on Infrequent (Rare) Pattern Analysis in Data Mining	A Review on Infrequent (Rare) Pattern Analysis in Data Mining	5	2018	978-1-5386-0927-9 /
167	Ghonge Mangesh Manikrao	Reputation and Trust Based Selfish Node Detection System in MANETs	IEEE 2nd International Conference on Inventive Systems and Control (ICISC 2018)	6	2018	978-1-5386-0807-4 /
168	Palve Amit Haridas	Towards Secure Data Management using Blockchain in IOT Enabled Environment	cPGCON-2019	0	2019	0 /
169	Pawar Swati Suresh	Data Logger for Solar Photovoltaic Power Stations	International Journal of Electronics, Electrical and Computational System	8	2018	0 / ISSN 2348-117X
170	Bag Rohit Vilasrao	Recommendation for Data Migration	ICATESM	5	2018	2321-9637 / 2321-9637
171	Pathak Renu Praveen	Fixed point results concerning to fuzzy metric space	Emerging Trends In Computing Technology & Management Conference	0	2019	- / -
172	Patil Ajinkya Raju	Critical review of displacement theories for vibration analysis of sandwich structures	Conference	7	2018	- / -
173	Karkade Hemant Bakaramji	Laser Beam Welding And Experimental Analysis Of Laser Weld Quality: A Review	NCREATE 2018	7	2018	NA / NA
174	Karkade Hemant Bakaramji	Comparative Investigation Into High Speed Machining of Titanium Alloy (Ti-6al-4v) under dry and compressed CO2 gas cooling Environment	AIP Conference Proceedings	9	2018	-- / 1578



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175	Potgantwar Amol Dnyaneshwar	A Review on Infrequent (Rare) Pattern Patterns Analysis in Data Mining	International Conference On Advances in Communication and Computing Technology (ICACCT)	0	2018	0.1109/ICACCT.2018.8529629 / 00
176	Sonawane Gaurav Dinkar	Analysis of different heat treated materials for fatigue failure	AIP Conference Proceedings 2018	7	2018	1551-7616 / 0094-243X
177	Walunj Sandip Maruti	Accelerate the Execution of Graph Processing Using GPU	Information and Communication Technology for Intelligent Systems	7	2018	978-981-13-1742-2 / 00
178	Burade Prakash Gajanan	Enhancement of power system security with contingency technique by using SSSC	AIP Conference Proceedings	9	2019	2104, 020005 / 2104, 020005
179	Burade Prakash Gajanan	Enhancement of power System Performance by using SSSC	International Conference on Advances & Practices in Electrical Engineering	11	2018	978 - 81 - 937041 - 1 - 0 / 978 - 81 - 937041 - 1 - 0
180	Burade Prakash Gajanan	Maximum Power Harvesting of Solar Energy by using novel control of DC - DC Converter	International Conference on Advances & Practices in Electrical Engineering	9	2018	978 - 81 - 937041 - 1 - 0 / 978 - 81 - 937041 - 1 - 0
181	Ghalme Sachin	Integrated Taguchi-artificial neural network approach for modeling and optimization of wear performance of Si3N4-hBN composite	AIP Conference Proceedings	6	2018	978-0-7354-1736-6 /
182	Badgujar Paresh Dilip	To enhance the COP of water cooler by using heat exchanger	AIP Conference Proceedings 2018	10	2018	- / -
183	Patil Milind Motiram	Analysis of Cryogenic Treatment for Machining Performance of HSS M2 Type Tool	AIP Conference Proceedings	7	2018	978-0-7354-1736-6 / --
184	Patil Rakesh Sonaji	Review of Current Trends in IT	Technology ,Innovation & Entrepreneurship	0	2019	2278-2087 / 2278-2087
185	Patil Rakesh Sonaji	Digital Initiatives in Teaching and Learning methodology through social media	International Conference on challenges and opportunities in multidisciplinary research	1	2018	0 / 0



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186	Patil Sarika Prashantkumar	Effect of Employee satisfaction on Job Performance: An Empirical Study in Manufacturing Industry	Vision Beyond	30	2019	2455-3573 / 2455-3573
187	shaikh vasim akbar	Technical overview on tool coatings	AIP conference proceedings	6	2018	0 / 0

**8. Research Projects/Schemes Undertaken by Teachers (2018-2019)**

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
1	OMKAR SURESH VAIDYA	Engineering	Development of Natural-looking Landscape Panorama	Savitribai Phule Pune University	16/07/2019-16/07/2021	300000	Minor
2	Vasim Shaikh	Engineering	Self propelled onion harvester	IEDC	01/08/2018-15/03/2019	100000	Minor
3	Khokale Samrat	Engineering	Nivaara-redefined housing	NEDST	05/02/2018-28/02/2018	100000	Minor
4	Thorat Rahul	Engineering	Nivaara-redefined housing	NEDST	05/02/2018-28/02/2018	100000	Minor

**9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2018-2019)**

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	35	19	6

**10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2018-2019)**

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	2	3	0	0

**11. Grants Sanction for Funding Agency (2018-2019)**

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	4	6