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Savitribai Phule Pune University
Annual Report Information 2016-2017
Planning and Development

College Details

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

5. Reference Books/Monographs Published by Teacher (2016-2017) :

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	Shirsath Rakesh Subhash	Mobile Applications	Success Publication	2016	978-93-85526-06-0 / 978-93-85526-06-0
2	Shirsath Rakesh Subhash	Computer Organization	Success Publication	2016	978-93-5158-569-5 /
3	Shirsath Rakesh Subhash	Database Management Systems	Success Publication	2017	978-92-25657-12-0 /
4	Shirsath Rakesh Subhash	Advanced Data Structures	Success Publication	2017	978-93-24457-11-0 /
5	Bhaladhare Pawan Ravikesh	5th International Conference on Recent Trends in Engineering and Technology-ICRTET-2016	Tata McGraw Hill Education	2016	978-93-5260-180-6 / 978-93-5260-180-6
6	Rajak Dipen Kumar	ALUMINIUM ALLOY FOAM	Omni Scriptum GmbH & Co. KG	2017	978-3-330-07387-6 /
7	Patil Pramod Gorakh	Computer Graphics	success publications	2017	978-93-24457-01-9 /
8	Patil Pramod Gorakh	Computer Network	Technical	2017	978-93-332-1558-9 /
9	Kumar Santosh Dineshwar	High-Performance Computation Analysis for Medical Images Using High Computational Methods	Springer	2016	978-981-10-2629-4 / 0000

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2016-2017)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	12	2	0



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7. Research Publications in National and International Journals/Edited Books/Proceedings (2016-2017)						
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	Palve Amit Haridas	Sentiment Analysis of Twitter Streaming Data for Recommendation Using Apache Spark	International Scientific Research Organization for Science, Engineering and Technology	5 & 6	2017	0 / 2321-3256
2	Joshi Vaibhav Vijay	Wireless Bomb diffusing robot with camera interfacing	IJSRET	5 & 4	2016	Not Applicable / 2278 – 0882
3	Joshi Vaibhav Vijay	Electronic Utility Vehicle: E-Board	IJSRD	4 & 3	2016	Not Applicable / 2321 – 0613
4	Attarde Ganesh Liladhar	Smart Bank Token System	International Journal for Innovative Research in Science & Technology	2 & 3	2016	- / 2349-6010
5	Attarde Ganesh Liladhar	Indoor Position Mapping Using RFID Tags	International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering (IJIREICE)	4 & 3	2016	- / 2321 – 5526
6	Deshmukh Rahul Nandkishor	Smart Solar Monitoring and Charge Control System	International Journal for Scientific Research & Development	4 & 2	2016	2321-0613 / 2321-0613
7	Deshmukh Rahul Nandkishor	Electroconvulsimeter for Pharmaceutical Industry	IJRAT	SPECIAL VOL & 3	2017	2321-9637 / 2321-9637
8	Deshmukh Rahul Nandkishor	Smart Solar Monitoring and Charge Control System	IJSRD - International Journal for Scientific Research & Development	4 & 551	2016	NIL / 2321-0613
9	Patel Jagdish Ambalal	A Research Paper on Manual Fixture Automation Using PLC	IJSRD - International Journal for Scientific Research & Development	5 & 1705	2017	2321-0613 / 2321-0613
10	Patel Jagdish Ambalal	CARDLESS ATM ACCESS WITH FINGERPRINT RECOGNITION USING IOT	International Journal of Advance Research and Innovation Ideas in Education (IJARIE)	3 & 3800	2017	2395-4396 / 2395-4396
11	Patel Jagdish Ambalal	Raspberry PI Based Smart Home	International Journal of Engineering Science and Computing	6 & 3	2016	2321 3361 / 2321 3361
12	Patel Jagdish Ambalal	Li-Fi Technology-Vehicle to Vehical Data Transmission	International Journal of Innovation Research in Electrical. Electronics, Instrumentation and Control Engineering	4 & 3	2016	2321 – 2004 / 2321 – 2004
13	Patel Jagdish Ambalal	Automation of Home on Raspberry Pi Platform	International Journal of Current Trends in Engineering & Research	2 & 4	2016	2455–1392 / 2455–1392



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14	Patel Jagdish Ambalal	Fuel Monitoring, Tracking and Alarming System for Automobiles using Web	International Journal for Scientific Research & Development	2 & 3	2016	2321-0613 / 2321-0613
15	Patel Jagdish Ambalal	Li-Fi Technology-Data Transmission Through Led	International Journal for Scientific Research & Development	4 & 3	2016	2321-0613 / 2321-0613
16	Patel Jagdish Ambalal	Web Application Based Fuel Monitoring and Alarming System	International Journal of Current Trends in Engineering & Research	2 & 6	2016	2455-1392 / 2455-1392
17	Patel Jagdish Ambalal	RATION VENDING MACHINE USING FINGERPRINT RECOGNITION	International Journal of Advance Research and Innovation Ideas in Education (IJARIE)	3 & 3368	2017	2395-4396 / 2395-4396
18	Mandale Rahul Murlidhar	Marketing Skill Development Gap In Rural Entrepreneurs	International Journal of Economics and Commerce	1 & 2	2016	0 / 2278-2087
19	Mandale Rahul Murlidhar	The Impact of Union Budget 2017 on Real Estate Sector in Nashik city	International Journal of Economics and Commerce	1 & 2	2017	0 / 2278-2087
20	Mandale Rahul Murlidhar	An Analytical Study of Admission process in the Management Institutes – Study with respect to Nashik city	International Journal of Economics and Commerce	1 & 3	2017	0 / 2278-2087
21	Mandale Rahul Murlidhar	Global Sustainability and path for Globalisation	Meteoroid International Journal of Management & Research	1 & 3	2017	0 / 2394-6423
22	Mandale Rahul Murlidhar	Institution Support For Development Of Rural Entrepreneurs	International Journal of Economics and Commerce	1 & 2	2017	0 / 2278-2087
23	Mandale Rahul Murlidhar	Effect of Skill development on Job Market in India	International Journal of Economics and Commerce	1 & 5	2016	0 / 2278-2087
24	Karale Ankita Vitthal	Periodic Outlier Pattern Detection And Boost Prediction In Time-Series Data	International Journal on Emerging Trends in Technology (IJETT)	3 & 6	2016	2350-0808 / 2455-0124
25	Pawar Swati Suresh	An Effective Renewable Energy Source based on Buck Boost Controller	IJIR	2 & 5	2016	2454-1362 / 2454-1362



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26	Pawar Swati Suresh	Battery Charge Using Wind Energy With Buck Boost Controller	IJSRES	3 & 4	2016	2349-8862 / 2349-8862
27	Pawar Swati Suresh	DOUBLE CONVERSION ONLINE UPS	IJSRET	5 & 4	2016	2278 – 0882 / 2278 – 0882
28	Pawar Swati Suresh	Cleaning Robot Based on PIC Controller	IJSRD	4 & 3	2016	2321-0613 / 2321-0613
29	Pawar Swati Suresh	Review Paper Based on Cleaning Robot	IJRE	3 & 3	2016	2348-7860 / 2348-7860
30	Pawar Swati Suresh	Detection and Classification of Unhealthy Region of Grapes Plant using Texture	IJSRD - International Journal for Scientific Research & Development	5 & 4	2017	0 / 2321-0613
31	Pawar Mahendra Ashok	STUDY OF ELECTRICITY GENERATED BY CEILING FAN & CAR WHEEL	International Journal of Advanced Technology in Engineering and Science	05 & 10	2016	2394-1537 / 2394-1537
32	Pawar Mahendra Ashok	STUDY OF HEAT EXCHANGERS WHERE METAL FAILS	International Journal of Advanced Technology in Engineering and Science	04 & 10	2016	2348-1550 / 2348-1550
33	Pawar Mahendra Ashok	DESIGN AND DEVELOPMENT OF SPECIAL PURPOSE MACHINE USED FOR CIRCULAR METAL INERT GAS WELDING	International Journal of Advance Research in Science and Engineering	05 & 10	2016	2394-1537 / 2394-1537
34	Pawar Mahendra Ashok	A STUDY ON INVENTORY CONTROL AND MANAGEMENT TECHNIQUES	International Journal of Advanced Technology in Engineering and Science	05 & 10	2016	2394-1537 / 2394-1537
35	Kulkarni Nikhil Lilakar	Flexible wound assessment system for diabetic patient using android smartphone	IEEE XPLORE	00 & 6	2016	978-1-4673-7910-6 / 978-1-4673-7909-0
36	Phade Gayatri Makarand	Design of Electronics Stethoscope and Heart Rate Monitor for Remote area application	International Journal of Computer Applications	137 & 4	2016	973-93-20891-43-8 / 973-93-20891-43-8



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37	Phade Gayatri Makarand	Narrow Band LNA Design Using OGMOSFET for Noise and Gain Analysis	ACM Women in Research (ACM-WIR 2016) One Day Symposium	0 & 4	2016	ISBN: 978-1-4503-4278-0 / ISBN: 978-1-4503-4278-0
38	Phade Gayatri Makarand	KINECT Sensor Based Gesture Control Robot for Fire Fighting	International Journal for Scientific Research & Development (IJSRD)	Volu.4 Issue 2 & 4	2016	ISSN (online): 2321-0613 / ISSN (online): 2321-0613
39	Phade Gayatri Makarand	Low cost sine wave portable inverter with over load protection using PIC18F452A	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	5 & 5	2016	ISSN: 2278-909X / ISSN: 2278-909X
40	Phade Gayatri Makarand	LNA Design with Optically Gated MOSFET Using CAD Tools	ACM Women in Research (ACMWIR 2016) One Day Symposium	1 & 5	2016	0 / 0
41	Patil Prabodhan Ulhas	E-HRM : The Need of Current Business ERA for Multinational Corporation	International Journal of Multi Disciplinary	VI & 33	2016	0 / ISSN 2277-9302
42	Zope Sharmila Prakash	Subjective Summarization For Unsupervised Sentiment Analysis	International Journal of Advance Research in Science and Engineering	5 & 4856	2016	0 / 23198354
43	Waghmare Vivek Nivruttirao	A Parallel Approach for Java using OpenMP	International Journal of Advance Engineering and Research Development (IAERD)	03 & 4	2016	2348-6406 / 2348-6406
44	Wagh Manohar Wamanrao	Walk And Talk Robot	International Journal of Interdisciplinary Research	2 & 3	2016	0 / 2454-1362
45	Wagh Manohar Wamanrao	Automatic Urea Briquettes Distribution System	IJSART	2 & 4	2016	0 / 2395-1052
46	Wagh Manohar Wamanrao	Touch Screen Based Home Automation System	International Research Journal of Engineering and Technology	03 & 2	2016	2395-0056 / 2395-0072
47	Ugale Vivek Dhruv	A Survey on Bahmular CNC Grinding Machine Up gradation	International Journal of Innovative Research in Computer and Communication Engineering	5 & 5	2017	- / 2320-9801
48	Jagtap Vishal Prakash	E-notice board with handmade LED board	Global research & development journal for Engg.	1 & 5	2016	2455-5703 / 2455-5703
49	Barve Amit Kailash	Fast Parallel Lexical Analysis on Multi-Core Machines	International Journal of High Performance Computing and Networking,	9 & 250257	2016	1740-0570 / 1740-0562
50	Kumar Santosh	Optimizes NP Problem with Integration of GPU Based Parallel Computing	IJSRNSC	5 & 7	2017	0 / 2321-3256



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51	Kumar Santosh	Optimization of garbage collector tracking and monitoring system analysis	CSI Transactions on ICT, Springer	4 & 6	2016	-- / 2277-9078
52	Kumar Santosh Dineshwar	A Secure And Scalable Data Sharing Using Key Aggregate Cryptosystem	IJETT	3 & 7	2016	-- / 2455 - 0124
53	Kumar Santosh Dineshwar	Decentralized and Secured Data Sharing in Distributed Cloud Environment	IJETT	3 & 5	2016	-- / 2455 - 0124
54	Kumar Santosh Dineshwar	An Approach for Efficient Many Keywords Findings over Encrypted Cloud Information	ACM	00 & 5	2016	978-1-4503-3962-9 / 00
55	Walunj Sandip Maruti	Periodic Outlier Pattern Detection And Boost Prediction In Time-Series Data	International Journal on Emerging Trends in Technology	3 & 6	2016	2455 - 0124 / 2455 - 0124
56	Walunj Sandip Maruti	A Review on Integrated Multimedia Processing System using MapReduce in Cloud Computing	International Journal on Emerging Trends in Technology	3 & 4	2016	2455 - 0124 / 2455 - 0124
57	Walunj Sandip Maruti	An Automated System to Accelerate Image Reconstruction Using GPU	International Journal on Emerging Trends in Technology (IJETT)	3 & 4	2016	2455 - 0124 / 2455 - 0124
58	Walunj Sandip Maruti	An Experimental evaluation of Adaptive Real Time Web Crawler	International Journal on Emerging Trends in Technology	3 & 5	2016	2455 - 0124 / 2455 - 0124
59	Burade Prakash Gajanan	Smart Grids to improve Power Scenario of Transmission & Distribution Sectors in India	JRITCC	04 & 7	2016	2321 - 8169-05-20 / 2321-8169
60	Rajak Dipen Kumar	Experimental investigation on failure analysis of aluminium alloy foam core and flyash filled resin sandwich panel at 3-point bending load conditions	Bulletin of The Polish Academy of Sciences	NA & 0	2017	NA / 2300-1917



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61	Rajak Dipen Kumar -,L. A. Kumaraswamidhas -,Das S. -,S. Senthil Kumaran -	Characterization and analysis of compression load behavior of aluminum alloy foam under the diverse strain rate	Journal of Alloys and Compounds	656 & 218	2016	NA / 0925-8388
62	Rajak Dipen Kumar	Investigation and characterization of aluminum alloy foams with TiH ₂ as foaming agent	Materials Science and Technology	32 & 1338	2016	NA / 0267-0836
63	Rajak Dipen Kumar	An investigation on axial deformation behaviour of thin-wall unfilled and filled tube with aluminium alloy (Al-Si7Mg) foam-reinforced with SiC particles	Journal of Materials Engineering and Performance	25 & 3430	2016	NA / 1059-9495
64	Rajak Dipen Kumar	Technical overview of aluminium alloy foam	Reviews on Advanced Materials Science	49 & 0	2017	NA / 1605-8127
65	Rajak Dipen Kumar	Experimental studies on the quasi-static movements of tube sections filled with pumice stone	Materials Today: Proceedings	NA & 0	2017	NA / 2214-7853
66	Rajak Dipen Kumar	Experimental analysis to improve energy absorption properties of rectangular metal structure subjected to axial loading	Materials Today: Proceedings	3 & 2207	2016	NA / 2214-7853
67	Patil Lalit Ramesh	Review Paper-Automatic Phase Changer using 89c52	IJETCR	4 & 4	2016	2348 -2117 / 2348 -2117
68	Patil Lalit Ramesh	Automatic Phase Selector using 89c52	IRJET	3 & 5	2016	2395-0056 / 2395-0056
69	Patil Lalit Ramesh	Review Paper-Forest-Fire Surveillance System Based On Wireless Sensor Network	IJERA	6 & 2	2016	2248-9622 / 2248-9622
70	Patil Lalit Ramesh	Forest-Fire Monitoring System Using Wireless Technology	IJETAE	6 & 4	2016	2250-2459 / 2250-2459
71	Patil Shweta Nitin	Product Recommendation using Multiple Filtering Mechanisms on Apache Spark	IJSRNSC	5 & 8	2017	- / 2321-3256



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72	Aswale Pramod Shivaji	Design and implementation of high speed multiplier based on Vedic mathematics: A review	International Journal of Computer Applications	155 & 5	2016	0 / 0
73	Aswale Pramod Shivaji	Automatic Irrigation Control System based on Lab-VIEW Arduino Interfacing	International Journal Of Innovative Research In Technology	2 & 5	2016	2349 / 6002
74	Aswale Pramod Shivaji	Implementation of Multiplier using Vedic Mathematics	International Journal of Innovative Research in Science and Technology	3 & 5	2017	0 / 0
75	Ghalme Sachin Ganpatrao, Mankar Ankush, Bhalerao Yogesh	Parameter optimization in milling of glass fiber reinforced plastic (GFRP) using DOE-Taguchi method	Springer Plus	5 & 9	2016	--- / 2193-1801
76	Ghalme Sachin Ganpatrao	Wear Performance Optimization of Silicon Nitride (Si3N4) - Hexagonal Boron Nitride (hBN) Composite Using Genetic Algorithm (GA)	Recent Patents on Materials Science	10 & 7	2017	Others / 1874-4656
77	GHALME SACHIN, Mankar Ankush, Bhalerao Yogesh	Optimization of wear loss in silicon nitride (Si3N4)-hexagonal boron nitride (hBN) composite using DoE-Taguchi method	Springer Plus	5 & 12	2016	---- / 2193-1801
78	GHALME SACHIN GANPATRAO	Modeling of Wear Performance of Si3N4-hBN Composite Using Artificial Neural Network (ANN)	CiiT International Journal of Artificial Intelligent Systems and Machine Learning	8 & 4	2016	-- / 0974 – 9667
79	Mankar Ankush, Bhalerao Yogesh	Biomaterials in Hip Joint Replacement	International Journal of Materials Science and Engineering	4 & 13	2016	--- / 2315-4527
80	Thoutam Naresh Chandramouli	AN EFFICIENT RESOURCE ALLOCATION STRATEGY BASED ON IMPROVED PARTICLE SWARM OPTIMIZATION (IPSO)	Pakistan Journal of Biotechnology	13 & 5	2016	0 / 0



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81	Patil Rakesh Sonaji	Industry Institute Interface a Platform to Establish E-governance :Steps, Strategies, Challenges and Advantages in Adoption for Seamless Functioning	International journal of Economics and commerce	Special Volume & 27	2017	2278-2087 / 2278-2087
82	Patil Rakesh Sonaji	Skill Development Initiative in India: Challenges & Opportunities	International journal of Economics and commerce	Special Volume & 4	2016	2278-2087 / 2278-2087
83	Patil Rakesh Sonaji	Enhancing Development Through CSR in Indian Context	METeoroid International Journal of Management and Research	11 & 98	2017	2394-6423 / 2394-6423
84	Patil Pramod Gorakh	A recent survey	IJCAT	3 & 4	2016	0 / 2348-6090
85	Patil Pramod Gorakh	A Reliable Secret Key Algorithm for Encryption and Decryption of Text Data	IJRTER	2 & 5	2016	0 / 2455-1457
86	Patil Sarika Prashantkumar	Industry- Academia Interface-Collaboration to Bridging the Skill Gap Study Relaed to Management Education in India	Maharashtra Economic & Commerce Association	I & 21	2017	2278-2087 / 2278-2087
87	Patil Sarika Prashantkumar	Employee Retention: The Tool for Organizational Sustainable Development"	METeoroid International Journal of Management & Reseach	I & 320	2017	2394-6423 / 2394-6423
88	Patil Sarika Prashantkumar	Role of Skill Development in organizational Development	Internatioal Journal of Economic & Commerce	I & 89	2016	2278-2087 / 2278-2087
89	Patil Sarika Prashantkumar	" Employee Retention Through Employee Health & Well Being"	Internatioal Journal of Economic & Commerce	I & 46	2017	2278-2087 / 2278-2087
90	Patil Sarika Prashantkumar	Skill Development & Training: The Roadmap to Business Development	Internatioal Journal of Economic & Commerce	I & 54	2016	2278-2087 / 2278-2087
91	Sulakhe Vishal Narayanrao	Statistical Analysis On MRR and Ra in EDM of HcHcr D2 Tool Steel Using AlSiC Composite Electrode	Golden Research Thoughts (Research Journal)	Volume-1 & 7	2016	- / 2231-5063



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92	Sharma Sanjeev Kamtaprasad	Experimental Evaluation to Enhance Security for Health Care System Using Cloud Computing and Near Field Communication	IJETEMR	Volume -2 & 5	2016	2455-7773 / 2455-7773
93	Shirsath Rakesh Subhash	A Review of Generic Big-Data Analytical Model for Real-Time Applications	International Journal of Recent Trends in Engineering and Research	2 & 6	2016	2455-1457 / 2455-1457
94	Shirsath Rakesh Subhash	Providing Secure Encryption and Auditing of Content on Public Cloud	International Journal on Emerging Trends in Technology	3 & 6	2016	2350 - 0808 / 2455 - 0124
95	Shirsath Rakesh Subhash	Location Awareness and Sharing System in Disruption Tolerant Network using Step Counting Algorithm	International Journal on Emerging Trends in Technology	3 & 6	2016	2350 - 0808 / 2455 - 0124
96	Shirsath Rakesh Subhash	Performance Measure of Car Parking By Using RFID and OCR	International Journal on Emerging Trends in Technology	3 & 5	2016	2350 - 0808 / 2455 - 0124
97	Salunke Prashant Gorakhnath	Implementation of CAN Protocol	Intentional Journal of Engineering Technology and Computer Research (IJETCR)	4 & 4	2016	N.A. / 2348 – 2117
98	Salunke Prashant Gorakhnath	ARM7 Based Bus Arrival Intimation System	International Journal for Scientific Research & Development (IJSRD)	4 & 4	2016	N.A. / 2321- 0613
99	Salunke Prashant Gorakhnath	Automatic Seed Plantation Robot	Intentional Journal of Engineering Science and Computing	6 & 3	2016	N.A. / 2250 – 1371
100	Ghuse Namrata Dhanraj	An Improved Approach For Fraud Detection In Health Insurance Using Data Mining Techniques	IJSRNSC	5 & 6	2017	- / ISSN: 2321-3256
101	Ghuse Namrata Dhanraj	Fraud Detection in Health Insurance using Random Forest Algorithm	IJIFR	4 & 7	2017	- / 2347-1697
102	Ghuse Namrata Dhanraj	Efficient Image Processing Based Liver Cancer Detection Method	IJSRNSC	5 & 6	2017	- / E-ISSN: 2321-3256



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103	Solanke Adesh Bhimsing	Enhancing Development Through CSR in Indian Context	METeriod International Journal of Management & research	1 & 3	2017	2394-6423 / 2394-6423
104	Solanke Adesh Bhimsing	Industry-Academia Interface Collaboration to Bridging the Skill gap Study Related to Management Education in India	International Journal of Economics and Commerce	1 & 2	2017	2278-2081 / 2278-2081
105	Khokale Swati Rahul	“Smart Meter Billing and Power Consumption Monitoring System using Arduino Microcontroller”	“International Journal on Emerging Trends in Technology	Volume 4 & 4	2017	-- / 2455 - 0124
106	Bhaladhare Pawan Ravikesh	Novel Approaches for Privacy Preserving Data Mining in k-Anonymity Model	Journal of Information Science and Engineering	32 & 16	2016	1016-2364 / 1016-2364
107	Bhaladhare Pawan Ravikesh	A Clustering Approach Using Fractional Calculus-Bacterial Foraging Optimization Algorithm for k-anonymization in Privacy Preserving Data Mining	International Journal of Information Security and Privacy (IJISP)	10 & 21	2016	1930-1669 / 1930-1650
108	Kuyate Prashant Bhaskar	HYDRAULIC PRESS MACHINE FOR HANDLE AND TRIGGER ASSEMBLY OF CP BREAKERS WITH FIXTURE	International Journal of Advance research in Science and Engineering	5 & 10	2016	0 / 2319-8354
109	Vaidya Omkar Suresh	Review on Implementation of Analog Circuits Using ExpEYES Tool	International Journal of Engineering Applied Sciences and Technology	1 & 3	2016	2455-2143 / 2455-2143
110	Vaidya Omkar Suresh	Nanotechnology- the Wonder of Small, the Power of Big	Spvryan's International Journal of Engineering Sciences & Technology (SEST)	3 & 6	2016	2394-0905 / 2394-0905
111	Vaidya Omkar Suresh	Analysis of Transient Response of First & Second Order System using EXPEYES	International Journal of Electrical, Electronics and Computer Systems (IJECS)	5 & 5	2017	2347-2820 / 2347-2820



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112	Vaidya Omkar Suresh	Design of Multifunctional Web Portal For College Departmental Activities	International Research Journal of Engineering and Technology (IRJET)	4 & 6	2017	2395-0056 / 2395-0056
113	Vaidya Omkar Suresh	Performance Analysis of KLT, Harris and SIFT Feature Detector for Image Stitching	International Journal of Electrical & Electronics Engineers (IJEET)	8 & 9	2016	2321-2055 / 2321-2055
114	Mahajan Mukesh Pandit	On Chip Optical Interconnect for High Speed Communication System	IJARCCCE	5 & 713	2016	0 / 2319-5940
115	Mahajan Mukesh Pandit	Smart refrigerator using IOT	IJLERA	2 & 86	2017	2455-7137 / 2455-7137
116	Mahajan Mukesh Pandit	Review of Patient Alert System	IJARCCCE	6 & 119	2017	2278-1021 / 2278-1021
117	Mahajan Mukesh Pandit	Automatic T-shirt Folding Machine	International Journal of Computer Applications	162 & 1316	2017	0975 – 8887 / 0975 – 8887
118	Mahajan Mukesh Pandit	PUC MEASUREMENT SYSTEM WITH INFORMATION PORTAL USING GSM AND RFID	IJETCR	4 & 1	2016	2348-2117 / 2348-2117
119	Mahajan Mukesh Pandit	Electronic Hand Glove Through Gestures For Verbally Challenged Persons	IJERA	6 & 17	2016	2248-9622 / 2248-9622
120	Mahajan Kanchan Bhagwat	A Novel Method for Automatic Electricity Billing System Using Ad-Hoc Networks	Conference on Global Trends in Signal Processing, Information Computing and Communication	4	2016	978-1-5090-0467-6 /
121	Mahajan Kanchan Bhagwat	A novel approach for opinion mining using word alignment model	Conference on Global Trends in Signal Processing, Information Computing and Communication	5	2016	978-1-5090-0467-6 /
122	Sulakhe Vishal Narayanrao	Effect of Nickel Powder on MRR in EDM	IEEE International Conference on Smart Structures & Systems	4	2016	978-1-5090-0911-4 / -
123	Sulakhe Vishal Narayanrao	Effect of Composite Electrode Materials On Powder Mixed Electric Discharge Machining of HcHcr D2 Tool Steel	Recent Advances in Manufacturing	6	2016	978-93-5265-309-6, / -



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124	Sulakhe Vishal Narayanrao	Statistical Analysis On MRR and Ra in EDM of HcHcr D2 Tool Steel Using AlSiC Composite Electrode	NCETET-2016	5	2016	- / 2231-5063
125	Relkar Anand Sakhabapu	Predicting Production Quantity by integrating Monte Carlo Simulation and Regression Analysis	International conference on Manufacturing Excellence	6	2017	978-93-24457-41-5 /
126	Relkar Anand Sakhabapu	A survey of factors affecting OEE in Engineering Industries	International conference on Manufacturing Excellence	7	2017	978-93-24457-41-5 /
127	GADEKAR AMIT RAMESHRAO	Use of Data Mining Technique In Unstructured Data of Big Data	ICSTSD-2016	5	2016	2455-0124 / 2455-0124
128	GADEKAR AMIT RAMESHRAO	Top K using Improved the XML Retrieval process of Structured and Unstructured Document	ICSTSD-2016	5	2016	2455-0124 / 2455-0124
129	Gadekar Amit Ramesh Rao	XML Information Retrieval Using Top K	FIFTH POST GRADUATE CONFERENCE OF COMPUTER ENGINEERING, CPGCON 2016	4	2016	na / na
130	Gadekar Amit Ramesh Rao	Effective Data Retrieval Using Data Mining Techniques in Big Data	FIFTH POST GRADUATE CONFERENCE OF COMPUTER ENGINEERING, CPGCON 2016	5	2016	na / na
131	Nikose Mangesh Dindayal	An Efficient Path Metric Algorithm used to improve the Cost Metric Performances in Wireless Multihop Networks using Cross-Layer Design	ICSTSD 2016	6	2016	1 /
132	Nikose Mangesh Dindayal	Path Selection Algorithms in Mobile Ad Hoc Networks	ICQUEST 2016	4	2016	1 /
133	solanke adesh bhimsing	Developing Method for assessment of technical competencies of employees	International journal of Management	65	2016	2455-3572 / 2455-3572
134	Solanke Adesh Bhimsing	Skill development and training : the Road map to business Development	International journal of Economics and commerce	54	2016	2278-2087 / 2277-2087



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135	Solanke Adesh Bhimsing	Development of skill of 'Sustainable Entrepreneurship Learning' among students	international journalof economics & commerce	52	2016	2278-2087 / 2277-2087
136	Solanke Adesh Bhimsing	Microfinance: An effective too for economic as well as social development in Rural India	international journal of economics and commerce	53	2016	2278-2087 / 2278-2087
137	Solanke Adesh Bhimsing	Make in India:An ambitious programme to make India a self reliant manufacturing hub	international journal of economics and commerce	27	2016	2278-2087 / 2278-2087
138	Solanke Adesh Bhimsing	Challenges to skill development in India & way ahead	international journal of economics and commerce	63	2016	2278-2087 / 2278-2087
139	Solanke Adesh Bhimsing	Role of Skill development in organizational development	international journal of economics and commerce	89	2016	2278-2087 / 2278-2087
140	Solanke Adesh Bhimsing	An analytical study of importance of managerial skills at workplace	international journal of economics and commerce	112	2016	2278-2087 / 2278-2087
141	Khokale Samrat Prakash	Progressive Collapse of High Rise R.C.C. Structure under Accidental Load	Role of Engineers in Development of Smart Cities	321	2016	101 / 254
142	Deore Anjali Pavan	A Hyper Local MultiVendor Application	A Hyper Local MultiVendor Application	6	2016	- / -
143	Deore Anjali Pavan	ON-LINE FOOD ORDERING TIFFIN SERVICE USING REUSABLE CONTAINERS	ON-LINE FOOD ORDERING TIFFIN SERVICE USING REUSABLE CONTAINERS	4	2016	- / -
144	Vaidya Omkar Suresh	Performance Analysis of KLT, Harris and SIFT Feature Detector for Image Stitching	ICETEMR-16	5	2016	0 / 0
145	Vaidya Omkar Suresh	Real Time Near Field RFID Based Literature Search in College Library	National Conference on "Recent Innovations In Engineering and Technology & Technical Symposium" (NCRIET&TS-17)	5	2017	2321-9637 / 2321-9637
146	Vaidya Omkar Suresh	Design of A Multifunctional Web Portal For College Departmental Activities	National Conference on Modern Emerging Engineering Technologies (NCMEET 2017)	5	2017	0 / 0



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147	Vaidya Omkar Suresh	MSP430 based Wireless Remote Control System Using Android Application	National Conference on Mechatronics	5	2016	0 / 0
148	Vaidya Omkar Suresh	Hand Pesticides Sprayer for Agriculture Using Electrostatics	National Conference on Signal Processing, Computer Modeling & Mechatronics (NCSPCM2-2K16)	5	2016	0 / 0
149	Vaidya Omkar Suresh	Novel Obstructive Sleep Apnea Detection Technique using PIC Microcontroller	National Conference on Inspire Innovations and Emerging Trends in Electronics and Telecommunication & Electrical Engineering (IET-2016)	4	2016	0 / 0
150	Vaidya Omkar Suresh	Development of Real Time RFID Based Book Search in College Library	National Conference on Electronics Communication and Computing (NCECC 2017)	5	2017	0 / 0
151	Kulkarni Nikhil Lilakar	Experimental Evaluation of Age estimation using Facial feature extraction through CNN	INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT	5	2016	2350-0808 / 2455-0124
152	Phade Gayatri Makarand	Real Time Street Light System Using Low Power Microcontroller	Real Time Street Light System Using Low Power Microcontroller	0	2016	0 / 0
153	Phade Gayatri Makarand	Serial port to Ethernet Real Time Data Communication Using Embedded System with ST16C554D	Serial port to Ethernet Real Time Data Communication Using Embedded System with ST16C554D	0	2016	0 / 0
154	Phade Gayatri Makarand	Serial port to Ethernet Real Time Data Communication Using Embedded System with ST16C554D	IEEE International conference in Engineering & Technology	5	2016	0 / 0
155	Phade Gayatri Makarand	Real Time Street Light System Using Low Power Microcontroller	Real Time Street Light System Using Low Power Microcontroller	220	2016	978-1-4673-5758-6/13/\$31.00 © 2013 IEEE / 978-1-4673-5758-6/13/\$31.00 © 2013 IEEE
156	Patil Prabodhan Ulhas	Challenges to skill Development in India & way ahead	International Journal of Economics & Commerce Vol-I	63	2016	ISSN-2278-2087 / ISSN-2278-2087
157	Patil Prabodhan Ulhas	Higher Education and the academic relationship in between the teachers and students	Management Education: It's Sustainability to make India Vibrant	99	2016	ISSN:2455-3573 / ISSN:2455-3573



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158	Patil Prabodhan Ulhas	Developing Method for assessment of technical competencies of employees	Management Education: It's Sustainability to make India Vibrant	65	2016	ISSN:2455-3573 / ISSN:2455-3573
159	PATIL PRABODHAN ULHAS	Micro finance : an effective tool for economic as well as social development in rural India	International Journal of Economics & Commerce Vol -II	53	2016	ISSN-2278-2087 / ISSN-2278-2087
160	Patil Prabodhan Ulhas	Development of Skill of : Sustainable Entrepreneurship Learning Among Students	International Journal of Economics & Commerce Vol-I	52	2016	ISSN-2278-2087 / ISSN-2278-2087
161	Patil Prabodhan Ulhas	An analytical study of importance of managerial skills at workplace	International Journal of Economics & Commerce Vol-I	112	2016	ISSN-2278-2087 / ISSN-2278-2087
162	Patil Prabodhan Ulhas	Indian Education System & Employability with Reference to Management Institutes	International Journal of Economics & Commerce	52	2017	0 / ISSN:2278-2078
163	Patil Prabodhan Ulhas	Opportunities & Challenges for Institute :A case Study on LIC of India	International Journal of Economics & Commerce	8	2017	0 / ISSN:2278-2078
164	Patil Prabodhan Ulhas	Non -performing Assets: Its Implications & Management a Bird Eye View on Indian Banking	International Journal of Management & Research	334	2017	0 / ISSN-2394-6423
165	Patil Prabodhan Ulhas	Gap Analysis between Industry & Academia with Reference to Engineering Graduates	International Journal of Economics & Commerce	64	2017	0 / ISSN:2278-2078
166	Ghalme Sachin Ganpatrao	Optimization of Silicon Nitride-Hexagonal Boron Nitride Composite Against Steel	IEEE Sponsored International Conference on Control, Computing and Materials-2016	4	2016	--- /
167	Patil Pramod Gorakh	A Novel Approach For Detection,Analysis,and Reduction of Toxic gases at Traffic Signals.	2016 International Conference on Engineering and Technology(ICET)	4	2016	978-1-5090-3212-9 /
168	Patil Sarika Prashantkumar	Management education & its interface with corporate culture	Vision Beyond.."Management Education:Its Sustainability to make India Vibrant"	117	2016	2455-3573 Vol-1, Issue-01 2016 / 2455-3573 Vol-1, Issue-01 2016



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169	Patil Sarika Prashantkumar	Higher Education and the academic Relationship in between the teachers and students	Vision Beyond.. "Management Education: Its Sustainability to make India Vibrant"	99	2016	2455-3573 Vol-1, Issue-01 2016 / 2455-3573 Vol-1, Issue-01 2016
170	Patil Sarika Prashantkumar	Skill Development and Training: The roadmap to business development.	International Journal of Economics & Commerce	89	2016	2278-2087, vol-I, Year III / 2278-2087, vol-I, Year III
171	Patil Sarika Prashantkumar	Role of Skill Development in Organizational Deveopment	International Journal of Economics & Commerce	54	2016	2278-2087 / 2278-2087

8. Research Projects/Schemes Undertaken by Teachers (2016-2017)

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	Sandip Maruti Walunj	Engineering	ACCELERATE EXECUTION OF CUDA PROGRAMS FOR NON GPU	BCUD	16/08/2016-16/08/2018	90000	Major

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2016-2017)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	5	9	1

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2016-2017)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	45	0	0	0

11. Grants Sanction for Funding Agency (2016-2017)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	7	0	5	0



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12. Faculty Wise Enrollment Of Students (2016-2017)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	62	15	4	1	0	1	1	6	57	2	0	149
	MALE	110	36	12	5	0	5	8	16	155	2	0	349
TOTAL		172	51	16	6	0	6	9	22	212	4	0	498

13. Statistical Information about Teacher for Academic Year (2016-2017)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(D)	0	0	0	1	0	1
2	OBC	6	1	7	9	0	9
3	OPEN	14	0	14	20	2	22
4	SBC	0	0	0	1	0	1
5	SC	1	0	1	1	0	1
	Total	21	1	22	32	2	34

Date :

Place :

Signature
HOD/Principal/Director