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Savitribai Phule Pune University
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College Details

1.	Name Of the Department/College/Institute	:	Sandip Institute of Technology and Research Center [PUNCODE : CEGN018340]	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 (2014-2015) :

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	Kute Tushar Bhagwan	Core Java Programming: A Practical Approach	Laxmi Publications	2015	
2	Shirsath Rakesh Subhash	DATA STRUCTURES AND PROBLEM SOLVING	SUCCESS PUBLICATION	2015	9789351583646 /
3	Patil Rakesh Sonaji	Human Resource Management (MCQ)	Success Publications	2014	0 / 0
4	Patil Rakesh Sonaji	Performance Management	Success Publications	2014	0 / 0
5	Patil Rakesh Sonaji	Enterprise Performance Management	Success Publications	2014	0 / 0
6	Patil Rakesh Sonaji	HR Audit	Success Publications	2014	0 / 0
7	Potgantwar Amol Dnyaneshwar	Operating System	Techmax	2014	978-81-8407-643- 1 /
8	Potgantwar Amol Dnyaneshwar	Operating System	Techmax	2014	978-93- 5077-693-3 /

6. No.of Conference, Symposia, Seminars,Workshops etc. Organized (2014-2015)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	8	1	1

7. Research Publications in National and International Journals/Edited Books/Proceedings (2014-2015)

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	Joshi Vaibhav Vijay	Wildlife Animal Location Detection and Health Monitoring System	IJERT	Volume. 3 & 4	2014	



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2	Kumar Santosh Dineshwar	A NOVEL APPROACH ON ENHANCE STEGANOGRAPHY USING 3D IMAGE	International Journal of Advances in Applied Science and Engineering (IJAEAS)	Vol - 1 & 5	2014	
3	Kumar Santosh Dineshwar	Energy Efficient Clustering Method for Wireless Sensor Network By Using Compressive Sensing and MEMAC	IJCA	4 & 5	2014	
4	Baviskar Prasad Ramchandra	Assessment of multiple transverse cracks and prediction of crack characteristics in rotor shaft by vibrations, finite element method and artificial neural network	Multidiscipline Modeling in Materials and Structures (EMERALD, UK)	10 & 14	2014	
5	Joshi Vaibhav Vijay	Graphical Interface for Embedded Processors Using MATLAB based GUI	IJARECE	4 & 4	2015	
6	Aswale Pramod Shivaji	Water Environment monitoring system based on WSN	IJARECE	4 & 4	2015	
7	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
8	Kute Tushar Bhagwan	Online Examination System using Command Line Interface	International Journal of Computer Science Engineering and Technology	5 & 4	2015	
9	Joshi Vaibhav Vijay	Wildlife Animal Location Detection and Health Monitoring System	IJERT	Volume. 3 & 4	2014	
10	Mahajan Mukesh Pandit	FPGA IMPLEMENTATION OF ARM PROCESSOR	IJAREEIE	3 & 13120	2014	
11	Aswale Pramod	Implementation of Baugh wooley Multiplier and modified baugh wooley Multiplier using Cadence (Encounter) RTL	IJSETR	4 & 293	2015	2278-7798 / 0



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12	Mahajan Mukesh Pandit	Smartphone controlled Robot using ATMEGA328 microcontroller	IJIRCE	3 & 352	2015	2320 / 0
13	Ingle Mayur Eknath	Note to Coin Exchanger Using Image Processing	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	Volume 4 & 4	2015	- / ISSN: 2278 – 909X
14	Ingle Mayur Eknath	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	Volume: 2 & 5	2015	- / ISSN: 2349-0845
15	Mahajan Mukesh Pandit	Tongue Operated Smart Environment for Paralytic People	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE)	2 & 7489	2014	
16	Mahajan Mukesh Pandit	Design & Simulation of 64 bit ALU	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	2 & 1049	2015	
17	Kute Tushar Bhagwan	Usability of Debian Linux Distributions	International Journal of Multidisciplinary Research (IJMR)	3 & 8	2014	
18	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
19	Chaudhari Bhushan Shivram	An Incrementally Deployable Data Centric Architecture Using PSO Algorithm	IJETST	2 & 1668	2014	00 / 2348-9480
20	Khokale Swati Rahul	A Review on Health Assistant: Android Application for Fitness Support using Body Sensor Network.	International Journal of Computer Science and Information Technologies	6 (1) & 3	2015	0975-9646 / 0975-9646
21	Chaudhari Bhushan Shivram	Software Protection Against Piracy and Reverse Engineering using Software Watermarking Technique	IJETST	2 & 1205	2014	00 / 2348-9480
22	Khokale Swati Rahul	Health management system for the diabetic patient through body area network	Elixir International Journal	77 & 4	2014	2229-712X / 2229-712X
23	Khokale Swati Rahul	Wireless Sensor Network Based Healthcare Monitoring: A Review	International Journal of Electronics & Soft Computing Sciences and Engineering	Vol 3 & 5	2014	2277-9477 / 2277-9477



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24	Khokale Swati Rahul	Energy Efficient Clustering Method for Wireless Sensor Network by using Compressive Sensing and MEMAC	International Journal of Computer Applications Innovations and Trends in Computer and Communication Engineering	ITCCE - Number 4 & 6	2014	0975 – 8887 / 0975 – 8887
25	Baviskar Prasad Ramchandra	Assessment of multiple transverse cracks and prediction of crack characteristics in rotor shaft by vibrations, finite element method and artificial neural network	Multidiscipline Modeling in Materials and Structures (EMERALD, UK)	10 & 14	2014	
26	Aswale Pramod Shivaji	Water Environment monitoring system based on WSN	IJARECE	4 & 4	2015	
27	Burade Prakash Gajanan	Over Head Transmission Lines Live Line Maintenance Techniques Based on Condition Monitoring in Indian Power Scenario	INTERNATIONAL JOURNAL OF SCIENCE, SPIRITUALITY, BUSINESS AND TECHNOLOGY	3 & 9	2015	2277 — 7261 / 2277 — 7261
28	Bhisikar Pradnyesh Jitendra	Character Identification From Video Using Graph Based Method	IJCITB	2 & 4	2014	-- / 2278-7593
29	Chaudhari Bhushan Shivram	An Incrementally Deployable Data Centric Architecture Using PSO Algorithm	IJETST	2 & 1668	2014	00 / 2348-9480
30	Chaudhari Bhushan Shivram	Review on Approach For Authentication In File Transfer Using Bluetooth	Spvryan's International Journal of Engineering Sciences & Technology (SEST)	1 & 634	2014	000000000 / 2394-0905
31	Burade Prakash Gajanan	Enhancement of Power System Performance using FACTS Devices	International Journal of Engineering Research and Applications (IJERA) I	1 & 6	2014	2248 - 9622 / 2248 - 9622
32	Burade Prakash Gajanan	Intelligent Controller for Optimum PID Tuning	International Journal of Engineering Research and Applications	1 & 6	2014	2248 - 9622 / 2248 - 9622
33	Ugale Vivek Dhruv	Gesture Recognition using Principle Component Analysis & Viola-Jones Algorithm	International Journal Of Modern Engineering Research (IJMER)	4 & 5	2014	0 / 2249-6645



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34	Ugale Vivek Dhruv	Color Image Compression Using EZW and SPIHT Algorithm	international journal on emerging trends in technology	1 & 5	2014	0 / 2350-0808
35	Sadaphale Rajendra Bhimrao	Decrimination between magnetising inrush from interturn fault current in transformer ,Hilbert transform approch	IJEEE	1 & 1	2014	
36	WAGHMARE VIVEK NIVRUTIRAO,Borade Vaishali D.,Biswas Arpita P.	A Review Prevention of Jamming Attacks in Wireless Network using Internal Threat model	Elixir International Journal	Vivek N. Waghmare et al./ Elixir Inform. Tech. 76 (2014) 28705-28708 & 4	2014	00000 / 2229-712X
37	WAGHMARE VIVEK NIVRUTIRAO	A Review on Mobile Transaction and Disconnection Management	Elixir International Journal	Sunil T. Badame et al./ Elixir Inform. Tech. 76 (2014) 28671-28673 & 4	2014	00000 / 2229-712X
38	Waghmare Vivek Nivrutirao	An Agent Based Mobile Transaction and Disconnection Management System	International Journal of Emerging Technology and Advanced Engineering	Volume 5 & 5	2015	00000 / 2250-2459
39	Waghmare Vivek Nivrutirao	A Review on Parallel Computing Issues and Different Parallel Programming Modules	International Journal on Emerging Trends in Technology (IJETT)	Volume 1 & 5	2014	00000 / 2350 – 0808
40	Waghmare Vivek Nivrutirao	An Agent Based Mobile Transaction and Disconnection Management System	International Journal of Emerging Technology and Advanced Engineering	Volume 5 & 5	2015	00000 / 2250-2459
41	Thorat Rahul Vishwasrao	Study of Solid Waste Management for Nasik City	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-4 & 4	2014	
42	Patil Swati Ashokrao	DAIRY WASTEWATER-A CASE STUDY,	International journal of research in engg.& technolgy	3 & 5	2014	2319-1163 / 2319-1163
43	Patil Swati Ashokrao	NANOTECHNOLOGY FOR WATER PURIFICATION-A GENERALISED REVIEW	International journal of Advanced Technology in Engineering & Science	2 & 4	2014	2348-7550 / 2348-7550
44	Patil Swati Ashokrao	ELECTRONIC WASTE-A LITERATURE REVIEW	International journal of Science & Research	4 & 4	2015	NIL / 2319-7064



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45	PATIL SWATI ASHOK	OPTIMIZATION OF SAVONIUS ROTOR FOR WIND TURBINE	International journal of Advances in Engg.& technology	7 & 5	2014	NIL / 1294-1299
46	Patil Swati Ashokrao	SOLID WASTE MANAGEMENT FOR NASIK CITY	International journal of Engineering & Advanced Technology	4 & 4	2014	2249-8958 / 2249-8958
47	Nayak Jyotiprakash Giridharilal	A Comparative study of prevalent water quality indices in streams	International journal of engineering & advanced technology	4 & 5	2015	2249 – 8958 / 2249 – 8958
48	Kumar Santosh Dineshwar	A NOVEL APPROACH ON ENHANCE STEGANOGRAPHY USING 3D IMAGE	International Journal of Advances in Applied Science and Engineering (JAEAS)	Vol - 1 & 5	2014	
49	More Bhagyashri Fakira	A Novel Approach for Noise Removal, Sleet Pixel Recovery with Quality Enhancement	IJEEM	3 & 4	2015	2319-7927 / 2319-7927
50	Mahajan Kanchan Bhagwat	Color Image Watermarking Scheme using HMM for Color Messages Images	IJETT	2 & 5	2015	- / 2350 – 0808
51	Mahajan Kanchan Bhagwat	Drunk Driver Alerting System:Mobile Application	IJSER	5 & 4	2014	- / ISSN 2229-5518
52	Mahajan Kanchan Bhagwat	Watermarking Scheme for Colour Images Using Hidden Markov Model	IJCSMC	3 & 5	2014	- / ISSN 2320 – 088X
53	Korade Mahesh Vijayrao	Stock Prediction System Using ANN	International Journal of Research in Engg. and Technology	3 & 6	2014	2321-7308 / 2319-1163
54	Kumar Santosh Dineshwar	" Study for Enhancement in Privacy-preserving Authentication Protocol using Trusted Third Party in Cloud	International Journal of Engineering, Economics and Management	3 & 5	2014	ISSN: 2319-7927 / ISSN: 2319-7927
55	Kumar Santosh Dineshwar	Review on Querying XML Schema with EX-up Technique for Accuracy	International Journal of Engineering, Economics and Managemen	Volume 3 & 5	2014	
56	Satpute Dinesh Ramesh	Multiple Cracks Effects on Vibration Characteristics of Shaft Beam	International Journal of Engineering Research and General Science	3 & 9	2015	-- / 2091-2730



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57	Satpute Dinesh Ramesh	Vibration Analysis of Multiple cracked shaft Beam	International Journal of Modern Engineering Research	4 & 7	2014	2249-6645 / 2249-6645
58	Satpute Dinesh Ramesh	Alternative Fuel Public Transport Buses	International Journal of Engineering Research and Development	10 & 16	2014	-- / 2278-067X
59	Satpute Dinesh Ramesh	Design, Analysis & Fabrication of Efficycle: A Hybrid Tricycle	International Journal of Engineering Trends and Technology	17 & 8	2014	-- / 2231-5381
60	Satpute Dinesh Ramesh	A review on Technological Advancement in Automobiles: Smart Vehicles	International Conference on computational Intelligence	-- & 12	2015	-- / --
61	Chaudhari Bhushan Shivram	An Incrementally Deployable Data Centric Architecture Using PSO Algorithm	IJETST	2 & 1668	2014	00 / 2348-9480
62	Kute Tushar Bhagwan	Usability of Debian Linux Distributions	International Journal of Multidisciplinary Research (IJMR)	3 & 8	2014	
63	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
64	Chaudhari Bhushan Shivram	An Incrementally Deployable Data Centric Architecture Using PSO Algorithm	IJETST	2 & 1668	2014	00 / 2348-9480
65	Khokale Swati Rahul	A Review on Health Assistant: Android Application for Fitness Support using Body Sensor Network.	International Journal of Computer Science and Information Technologies	6 (1) & 3	2015	0975-9646 / 0975-9646
66	Chaudhari Bhushan Shivram	Software Protection Against Piracy and Reverse Engineering using Software Watermarking Technique	IJETST	2 & 1205	2014	00 / 2348-9480
67	Khokale Swati Rahul	Health management system for the diabetic patient through body area network	Elixir International Journal	77 & 4	2014	2229-712X / 2229-712X
68	Khokale Swati Rahul	Wireless Sensor Network Based Healthcare Monitoring: A Review	International Journal of Electronics & Soft Computing Sciences and Engineering	Vol 3 & 5	2014	2277-9477 / 2277-9477



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69	Khokale Swati Rahul	Energy Efficient Clustering Method for Wireless Sensor Network by using Compressive Sensing and MEMAC	International Journal of Computer Applications Innovations and Trends in Computer and Communication Engineering	ITCCE - Number 4 & 6	2014	0975 – 8887 / 0975 – 8887
70	Falak Yogeshkumar Ravindra	Inspection of CNC made parts	International Journal of Engineering Sciences and research Technology (IJESRT)	4 & 4	2015	- / 2277-9655
71	Falak Yogeshkumar Ravindra	Application of Cylindrical and Radial Heat Sink for Cooling of LED Light Bulb: A Review	International Journal of Advance Research in Science and Engineering (IJARSE)	4 & 4	2015	- / 2319-8354(E)
72	Falak Yogeshkumar Ravindra	Challenges in Implementation of Lean Manufacturing in Indian Industries: A Review	International Journal of Innovation in Mechanical and Automobile Engineering	- & 5	2014	- / 2249, 2968
73	Falak Yogeshkumar Ravindra	Vibration Analysis of Circular Plate Having Radial Crack by Experimental and FEM Analysis	, International Journal of Engineering Research and General Sciences (IJERGS)	3 & 6	2015	- / 2091-2730
74	Falak Yogeshkumar Ravindra	Sawdust Briquetting Press Machine	International Journal of Engineering Sciences and research Technology (IJESRT)	4 & 3	2015	- / 2277-9655
75	Gunjal Shrikant Uttam	Matching Improvement on PAKO	International Journal of Current Research	7 & 6	2015	- / 0975-833X
76	Gunjal Shrikant Uttam, Sonawane Gaurav Dinkar	Advanced Filing Machine	International Journal of Engineering Research and General Science	3 & 6	2015	- / 2091-2730
77	Gunjal Shrikant Uttam	A Review on Hydrogen as an Alternative Fuel	International Journal of Emerging Trends in Science and Technology	1 & 8	2014	- / 2348-9480
78	Gunjal Shrikant Uttam	A REVIEW ON DESIGN AND ANALYSIS OF AMPHIBIOUS VEHICLE	International Journal of Science, Technology and Management	4 & 16	2015	- / 2394-1537
79	Gunjal Shrikant Uttam	Part Drawing and Process Sheet for Design of Toggle Jack	International Journal of Engineering Technology and Management	2 & 9	2015	- / 2394-6881
80	Gunjal Shrikant Uttam	Design, Analysis & Fabrication of Efficycle: A Hybrid Tricycle	International Journal of Engineering Trends and Technology	17 & 6	2014	- / 2231-5381



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81	Gunjal Shrikant Uttam	COMPARATIVE STUDY OF ALUMINIUM LITHIUM ALLOY AND COMPOSITES	International Journal of Science, Technology and Management	4 & 7	2015	- / 2394-1537
82	Hajare Manoj Sahebrao	COMPUTATIONAL TESTING OF WEAR RATE OF DIFFERENT MATERIAL WITH VARIABLE OPERATING PARAMETERS	International Journal of Research in Engineering and Technology	4 & 7	2015	23217308 / 23217308
83	Katkade Santosh Dattatreya	tilting train	International Journal of Advanced Technology in Engineering and Science	3 & 5	2015	2348 7550 / 2348 7550
84	Hajare Manoj Sahebrao	Testing of Wear Rate Frictional Force and Coefficient of Friction Computationally Using Pin On Disk	International Journal of Engineering Trends and Technology	20 & 4	2015	22315381 / 22315381
85	Gunjal Shrikant Uttam, Sonawane Gaurav Dinkar, Shaikh Vasim Akbar	DESIGN OF TOGGLE JACK	International Journal of Science, Technology and Management	4 & 12	2015	- / 2394-1537
86	Gunjal Shrikant Uttam	WELDING ROTATOR WITH PROXIMITY SENSOR	International Journal of Science, Technology and Management	4 & 11	2015	- / 2394-1537
87	Kanawade Shailaja Yogesh	A Survey of Data Compression Techniques in Sensor Networks	International Journal of Emerging Technology and Advanced Engineering (IJETA)	Volume 4, & 3	2014	-- / ISSN 2250-2459
88	Kanawade Shailaja Yogesh	DATA CODING TECHNIQUES IN WSN: A REVIEW	International Journal of Review in Electronics & Communication Engineering (IJRECE)	Volume 2 & 6	2014	-- / e-ISSN 2321-3159
89	Kanawade Shailaja Yogesh	Data Aggregation Protocols to Support Energy Efficiency and Security in Wireless Sensor Network: A Review	International Journal of Scientific Engineering and Technology Research (IJSETR)	Vol.03 & 4	2014	-- / ISSN 2319-8885
90	Patil Vijay Prakash	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	2 & 5	2015	Jan 2015 / 2349-0845
91	Patil Vijay Prakash	Wireless Personal Safety Bracelet	IJCA	107 & 3	2014	Dec 2014 / 0975-8887



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92	Karale Ankita Vitthal	A Survey On Big Data	IJCSIT	volume 2 & 4	2015	1694-2345 / 1694-2345
93	Aswale Pramod Shivaji	FPGA Implementation of ARM Processor	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	3 & 8	2014	2320-3705 / 2278-8875
94	Aswale Pramod Shivaji	Implementation of Baugh-Wooley Multiplier and Modified Baugh Wooley Multiplier Using Cadence (Encounter) RTL	International Journal of Science, Engineering and Technology Research	4 & 6	2015	- / 2278 – 7798
95	Vaidya Omkar Suresh	Implementation of Baugh-Wooley Multiplier and Modified Baugh Wooley Multiplier Using Cadence (Encounter) RTL	International Journal of Science, Engineering and Technology Research (IJSETR)	4 & 6	2015	2278 – 7798 / 2278 – 7798
96	Chopade Sanjay Shriram	Wildlife Animal Location Detection and Health Monitoring System	International Journal of Engineering Research & Technology (IJERT)	3 & 5	2014	000 / 2278-0181
97	Chopade Sanjay Shriram	Optimization of Interconnect Geometrical Parameters to Enhance the Performance of Sub Threshold Circuits	IJETT	1 & 6	2014	000000 / 2350 – 0808
98	Pawar Sushant Janardhan	Design and Performance Analysis of SOI and Conventional MOSFET based CMOS Inverter	7. International Journal of Electrical, Electronics and Computer Engineering	3 & 5	2014	-- / 2277-2626
99	Dhulekar Pravin Ashok	Moving Object Tracking Using Kalman Filter	International Journal of Advance Foundation and Research in Computer (IJAFRC)	2 & 4	2015	- / 2348 – 4853
100	Pawar Sushant Janardhan	3. Real-Time GPS Receiver System Implementation for Providing Location Based Services and SMS Tracking	3. Int. Journal of Engineering Research and Applications	4 & 6	2014	-- / 2248-9622
101	More Bhagyashri Fakira	Rain Pixel Recovery with Gaussian Noise Removal For Rainy Videos	IJECSCSE	1 & 6	2015	2277-9477 / 2277-9477
102	Patil Sarika Prashant	“Work Life Balance”.	‘Novel Research Kaleidoscope’,	3 & 20	2014	2277-1263 / 2277-1263



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103	Gaikwad Yogesh Murlidhar	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	2 & 5	2015	IJRST / 2349-0845
104	Sonawane Gaurav Dinkar	Abrasive Water Jet Machining- A Review	IOSR Journals	12 & 9	2015	2320-334X / 2320-334X
105	Salunke Prashant Gorakhnath	A Survey on Face Recognition and Facial Expression Identification	International Journal Of Engineering And Computer Science (IJECS 2014)	3 & 4	2014	N.A. / 2319-7242
106	Dhulekar Pravin Ashok	Detection and Tracking of Pedestrian for ADAS	International Journal of Enhanced Research in Science Technology & Engineering	3 & 5	2014	- / 2319-7463
107	Gandhe Sanjay Trimbak	Implementation of genetic algorithm with ranking select mechanism for fractal image compression	International Journal of Electronics Communication and Computer Technology (IJECCCT 2014)	4 & 5	2014	- / 2249-7838
108	Gandhe Sanjay Trymbak	Implementation of lossless image compression using FPGA	International Journal of Emerging Technology & advanced Engineering (IJETAE)	4 & 5	2014	- / -
109	Gandhe Sanjay Trymbak	Design of CMOS Schmitt Trigger	International Journal of Electronics, Communication and Soft Computing Science and Engineering	- & 5	2015	- / 2277-9477
110	Gandhe Sanjay Trymbak	Enhancement of old images by hybrid binarization method	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	3 & 5	2014	- / 2278-1323
111	Gandhe Sanjay Trymbak	Development of MBP for AVR based controlled autonomous vehicle	International journal of emerging trends and technology in computer science)IJETTCS	3 & 5	2014	- / -
112	Dhulekar Pravin Ashok	Identification Of Facial Features From The Real Time Video	International Journal of Advance Foundation and Research in Computer (IJAFRC)	2 & 4	2015	- / 2348 – 4853
113	Potgantwar Amol Dnyaneshwar	Increase in Performance for Fingerprint Matching System on GPU	International Journal of Electronics, Communication & Soft Computing Science and Engineering	3 & 4	2014	. / 2277 - 9477
114	Phade Gayatri Makarand	Advanced Wireless Sensor Network Based Remote Control for High Efficiency Street Lighting System	International Journal & Magazine of Engineering, Technology, Management and Research	2(2015) & 302	2015	2348-4845 / 2348-4845



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115	Phade Gayatri Makarand	SURVEY PAPER ON EDGE AND CORNER DETECTION ALGORIHMS	International Journal & Magazine of Engineering, Technology, Management and Research	2(2015) & 173	2015	2348-4845 / 2348-4845
116	Phade Gayatri Makarand	Design of CMOS Schmitt Trigger	Special Issue of International Journal of Electronics, Communication & Soft Computing Science and Engineering	0 & 5	2015	2277-9477 / 2277-9477
117	Dhulekar Pravin Ashok	Survey Paper On Edge And Corner Detection Algorihms	International Journal & Magazine of engineering, technology, Management and Research	2 & 5	2015	- / 2348-4845
118	WAGHMARE VIVEK NIVRUTIRAO	Encrypted Signature Scheme for Secure & Selective Dissemination of Tree Structured Data (XML)	IASET's International Journal of Computer Science and Engineering (IJCSE)	Vol. 3, Issue 3, May 2014, 31-40 & 10	2014	00000 / 2278-9960, 2278-9979
119	Gautam Shuchi Rajender	Importance of financial inclusion	International journal of Economics and commerce Volume 1	1 & 1	2014	ISSN 2278-2087 / ISSN 2278-2087
120	Chopade Sanjay Shriram	Stability Analysis of 6T SRAM at 32 Nm Technology	International Journal of Innovative Research in Science, Engineering and Technology	3 & 9	2014	0 / 2319 - 8753
121	Chaudhari Bhushan Shivram	Permission Based Android Malware Detection	IJETT	1 & 417	2014	00 / 2350 – 0808
122	Deshmukh Rahul Nandkishor	Canal Automation System using Crouzet PLC	International Journal of Advanced Information Science and Technology (IJAIST)	Vol.24 & 24	2014	2319:2682 / 2319:2682
123	Deshmukh Sukhada Madhav	Data Transfer between Two USB Devices without using PC	International Journal of Engineering Technology Science and Research	2 & 5	2015	0 / 2394 – 3386
124	Deore Anjali Pavan	Phishing Information Identification using SVM Algorithm	IJIET	5 & 62	2015	ISSN:2319-1058 / ISSN:2319-1058
125	Chaudhari Bhushan Shivram	Particle Swarm Optimization Based Intrusion Detection for Mobile Ad-hoc Network	Advances in Information Science and Computer Engineering	477	2015	978-1-61804-276-7 / 1790-5109
126	Chaudhari Bhushan Shivram	Particle Swarm Optimization Based Intrusion Detection for Mobile Ad-hoc Network	Advances in Information Science and Computer Engineering	477	2015	978-1-61804-276-7 / 1790-5109



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127	Pawar Sushant Janardhan	Designing a Quadraped with Stair Parameter Analyzing and Climbing Capability	International Conference on Computing Communicatio Control and Automation	5	2015	--- / ---
128	pawar sushant Janardhan	Implementation of Real-Time GPS Receiver System for Providing Navigation Based Services and SMS Tracking	International Conference on Industrial Instrumentation and Control	5	2015	--- / ---
129	Chopade Sanjay Shriram	Performance and area scaling of 6T SRAM using SOI MOSFET at 32nm node	International Conference on Communication, Information & Computing Technology (ICCICT), 2015	5	2015	000000 / 000000
130	Chopade Sanjay Shriram	Improved temperature and supply voltage stability of Voltage controlled oscillator	Industrial Instrumentation and Control (ICIC)	4	2015	0 / 10.1109/IIC.2015.7150736
131	Chopade Sanjay Shriram	Agriculture soil testing system	RAISONI	4	2014	978-93-5196-210-6 / 0
132	More Bhagyashri Fakira	Rain Pixel Recovery and Gaussian Noise Removal with Quality Enhancement	cPGCON	5	2015	0061006 / 0061006
133	Khokale Swati Rahul	A Novel Approach For Wireless Sensor Network Based Health Care Solution Using Memac	Cpgcon 2015	5	2015	0061003 / 0061003
134	Khokale Swati Rahul	Design & Implementation of Wireless Sensor Network Based Health Care Solution Using Memac	International Conference on "Emerging Trends in Computer Engineering, Science and Information Technology "Special Issue of International Journal of Electronics, Communication & Soft Computing Science and Engineering	6	2015	2277-9477 / 2277-9477
135	VAIDYA OMKAR SURESH	Furnace Monitoring and Controlling using Embedded System	TECHNOEVOLUTION 2K15	5	2015	0 / 0
136	Vaidya Omkar Suresh	Renesas Microcontroller based Quectel M95 GSM Module Testing Software with Device Control	TECHNOEVOLUTION 2K15	7	2015	0 / 0
137	Vaidya Omkar Suresh	Nanotechnology – The Wonder of Small, and The Power of Big	ICRTES 2014	6	2014	0 / 0



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138	Gandhe Sanjay Trymbak	Motion Estimation for Human-Machine Interaction	IEEE International Symposium on Signal Processing and Information Technology	5	2014	- / -
139	Gandhe Sanjay Trymbak	Designing a Quadraped with Stair Parameter Analysing and Climbing Capability	IEEE International Conference on Computing, Communication, Control and Automation	5	2015	- / -
140	Gandhe Sanjay Trymbak	Implementation of FPGA based Digital Camera System controlled from an LCD touch panel	IEEE International Conference on Computing, Communication, Control and Automation	5	2015	- / -
141	Gandhe Sanjay Trymbak	Fractal Image Compression Using Genetic Algorithm With Ranking Select Mechanism	IEEE Xplore-International conference on communication, information and computing technology(ICCICT-2015)	5	2015	- / -
142	Gandhe Sanjay Trymbak	Enhancement of old images and document	IEEE Xplore-International conference on communication, information and computing technology(ICCICT-2015)	5	2015	- / -
143	Gandhe Sanjay Trymbak	Detection and tracking of pedestrian for ADAS	ELSEVIER International Conference on Advances in Computing, Communication and Control(ICAC3 '15)	5	2015	- / -
144	Gandhe Sanjay Trymbak	Identification and tracking of facial features	ELSEVIER International Conference on Advances in Computing, Communication and Control(ICAC3 '15)	5	2015	- / -
145	Palve Amit Haridas	Smart Health Monitoring System for Animals	Smart Health Monitoring System for Animals	0	2015	0 / 0
146	Palve Amit Haridas	Smart Centralized Power Control for Buildings Using WSN	Smart Centralized Power Control for Buildings Using WSN	0	2015	0 / 0
147	Palve Amit Haridas	An aid towards the health examination of structures using Wireless sensor network	An aid towards the health examination of structures using Wireless sensor network	0	2015	0 / 0
148	Joshi Vaibhav Vijay	An Embedded Web Server	9th National Conference TECHNOEVOLUTION 2K15	4	2015	0 / 0
149	Joshi Vaibhav Vijay	Agriculture Soil Testing System	National Conference on VLSI Design, Embedded Systems & Signal Processing	4	2014	0 / 0
150	Shirsath Pankaj Suresh	Ethanol Gasoline Blend in SI Engine	Fourth International Conference on Computational Intelligence Applications	6	2015	- / -



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151	Korade Mahesh Vijayrao	Meta data based lecture video retrieval using speech and video text information	ICETECH	0	2015	0 / 0
152	Phade Gayatri Makarand	Enhancement of old images and documents by Digital Image Processing Techniques	International Conference on Communication, Information & Computing Technology (ICCICT),	5	2015	978-1-4799-5522-0/15 / 978-1-4799-5522-0/15
153	Phade Gayatri Makarand	Fractal Image Compression Using Genetic Algorithm with Ranking Select Mechanism	2015 International Conference on Communication, Information & Computing Technology (ICCICT),	15	2015	978-1-4799-5522-0/15 / 978-1-4799-5522-0/15
154	Phade Gayatri Makarand	Implementation of FPGA based Digital Camera System controlled from an LCD touch panel	IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION, CONTROL AND AUTOMATION ICCUBA-2015	6	2015	978-1-4244-3785-6 / 978-1-4244-3785-6
155	Gautam Shuchi Rajender	Analytical study of diachi and ranbaxy deal	International journal of Economics and commerce	1	2014	ISSN 2278-2087 / ISSN 2278-2087
156	Gautam Shuchi Rajender	A study opportunities and challenges of mutual funds in India	International journal of Economics and	1	2014	ISSN 2278-2087 / ISSN 2278-2087
157	Gautam Shuchi Rajender	Analysis of Impact of the announcement of Sunpharma acquiring Ranbaxy on shareholders value creation.	Proceeding of National Conference on transformation through entrepreneurship Conference Transformation through Entrepreneurship	1	2014	ISSN 2229-5674 / ISSN 2229-5674
158	Gunjal Shrikant Uttam	GRAPHENE: A FUTURE POTENTIAL CARBON FIBER MATERIAL	GRAPHENE: A FUTURE POTENTIAL CARBON FIBER MATERIAL	6	2015	- / 2348-7570
159	Gunjal Shrikant Uttam	A STUDY OF CORE AND ITS TYPES FOR CASTING PROCESS	A STUDY OF CORE AND ITS TYPES FOR CASTING PROCESS	10	2015	- / 2348-7570
160	Gunjal Shrikant Uttam	DESIGN OF WELDING ROTATOR	DESIGN OF WELDING ROTATOR	7	2015	- / 2348-7570
161	Gunjal Shrikant Uttam	TILTING TRAIN TECHNOLOGY	TILTING TRAIN TECHNOLOGY	5	2015	- / 2348-7570
162	Gunjal Shrikant Uttam	FUTURE TRENDS IN AUTOMOBILES: AIR POWERED VEHICLES	FUTURE TRENDS IN AUTOMOBILES: AIR POWERED VEHICLES	12	2015	- / 2319-8354(E)



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163	Gunjal Shrikant Uttam	A REVIEW ON OPTIMIZATION AND ANALYSIS TECHNIQUES IN MACHINING	A REVIEW ON OPTIMIZATION AND ANALYSIS TECHNIQUES IN MACHINING	7	2015	- / 2348-7570
164	Gunjal Shrikant Uttam	A REVIEW ON DESIGN OF EXPERIMENTAL ANALYSIS	A REVIEW ON DESIGN OF EXPERIMENTAL ANALYSIS	8	2015	- / 2348-7570
165	Gunjal Shrikant Uttam	A STUDY OF BEARING AND ITS TYPES	A STUDY OF BEARING AND ITS TYPES	8	2015	- / 2348-7570
166	Dhulekar Pravin Ashok	“Moving Object Tracking Using Optical Flow and Motion Vector Estimation	4th International conference on reliability, Infocom technologies and optimization (ICRITO 2015)	5	2015	- / -
167	Dhulekar Pravin Ashok	A Survey on Methodologies for Human Detection from Video	3st International Conference on Recent Trends in Engineering and Technology	5	2014	9789351072218 / -
168	Dhulekar Pravin Ashok	Fractal Image Compression Using Genetic Algorithm with Ranking Select Mechanism	IEEE International Conference on Communication, Information & Computing Technology	5	2015	978-1-4799-5521-3 / -
169	Dhulekar Pravin Ashok	Enhancement of old images and documents by Digital Image Processing Techniques	IEEE International Conference on Communication, Information & Computing Technology	5	2015	978-1-4799-5521-3 / -
170	Dhulekar Pravin Ashok	Detection and tracking of pedestrian for ADAS	International Conference on Advances in Computing, Communication and Control (ICAC3 '15)	5	2015	- / -
171	Dhulekar Pravin Ashok	Design of CMOS Schmitt Trigger	IETE 46th Mid Term Symposium	5	2015	- / -
172	Dhulekar Pravin Ashok	Identification and tracking of facial features	International Conference on Advances in Computing, Communication and Control (ICAC3 '15)	5	2015	- / -
173	Dhulekar Pravin Ashok	Designing a Quadraped with Stair Parameter Analysing and Climbing Capability	International Conference on Computing, Communication, Control and Automation (ICCUBA-2015)	5	2015	- / -
174	Dhulekar Pravin Ashok	Human Action Recognition for Video Surveillance	International Conference on engineering confluence	5	2014	- / -
175	Dhulekar Pravin Ashok	Motion Estimation for Human-Machine Interaction	International Symposium on Signal Processing and Information Technology (ISSPIT)	5	2014	0-7803-8689-2 / -



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176	Dhulekar Pravin Ashok	Implementation of FPGA based Digital Camera System controlled from an LCD touch panel	International Conference on Computing, Communication, Control and Automation (ICCUBA-2015)	5	2015	- / -
177	Kumar Santosh Dineshwar	Association Mining Technique To Boost The Performance Of XML QA Support Scheme	IEEE Conference ICCUBEA 2015	5	2015	INSPEC Accession Number 15305416 / 15305416
178	Kumar Santosh Dineshwar	Gesture Recognition using Laser Sensor Enhanced with different Parameters	IEEE	6	2014	978-1-4799-6298-3 /
179	Kumar Santosh Dineshwar	Performance enhancements in Cloud Server using Trusted Third Party and AES	ETCSIT	4	2015	2277-9477 / 2277-9477
180	Potgantwar Amol Dnyaneshwar	revention Of Vampire Attacks In WSN Using Routing Loop PREVENTION OF VAMPIRE ATTACKS IN WSN USING ROUTING LOOP”	revention Of Vampire Attacks In WSN Using Routing Loop PREVENTION OF VAMPIRE ATTACKS IN WSN USING ROUTING LOOP”	6	2014	978 - 93 - 82702 - 56 - 631 /
181	Walunj Sandip Maruti	Enhancing Speed of SQL Database Operations using GPU	International Conference on Pervasive Computing (ICPC)	5	2015	978-1-4799-6272-3 /
182	Walunj Sandip Maruti	Source to Source Compiler	ICRET'2014, Elsevier, ISBN 978-93-5107-220-1	5	2014	ISBN 978-93-5107-220-1 /
183	Walunj Sandip Maruti	An automated Tool for converting directive based c code into parallel CUDA code	ICCCCS -Pune	5	2014	978-93-84209-04-9 /
184	Walunj Sandip Maruti	IVRS and DTMF based voting system	ICEECSME-PUNE	5	2014	978-93-82702-69-6 /
185	Patil Shweta Nitin	Image Encryption and Decryption using Neural Network	ICRTET-2014	5	2014	978-93-5107-220-1 /
186	Aswale Pramod Shivaji	Teaching analog communication using LABVIEW	Technoevolution 2k15	4	2015	- / -



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187	Kute Tushar Bhagwan	Linux Kernel Bug Testing Using Static Code Analysis Technique	Third International Conference on Advances in Cloud Computing	25	2014	
188	Kute Tushar Bhagwan	Linux Kernel Bug Testing Using Static Code Analysis Technique	Third International Conference on Advances in Cloud Computing	25	2014	
189	Patil Sarika Prashant	“Disciplinary Action & Grievance Handling Procedure”	“Excellence in Management: Opportunities & Threats	15	2014	2278-2087 / 2278-2087
190	Patil Sarika Prashant	“How to strike Work Life Balance for Working Parents”	“Excellence in Management: Opportunities & Threats	1	2014	2278-2087 / 2278-2087
191	Patil Sarika Prashant	“Employee Engagement in TQM”	“Excellence in Management: Opportunities & Threats	2	2014	2278-2087 / 2278-2087

8. Research Projects/Schemes Undertaken by Teachers (2014-2015)

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	Thoutam Naresh Chandramouli	Engineering	HUMAN COMPUTER INTERFACE TO PLAY VIRTUAL MUSICAL I	BCUD	31/03/2015-31/03/2016	75000	Minor
2	Co PI MUKESH PANDIT MAHAJAN	Engineering	Optical Interconnects for high speed Communication	BCUD SPPU Pune	01/07/2014-31/05/2016	85000	Minor

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2014-2015)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	3	8	1

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2014-2015)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	27	0	0	0

11. Grants Sanction for Funding Agency (2014-2015)

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



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12. Faculty Wise Enrollment Of Students (2014-2015)																					
Sr.No.	Faculty	Open		Sc		ST		DT/NT		OBC		SBC		Physically Challenged		Visually Challenged		Total		Grand Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	Engineering	144	81	9	6	2	1	17	12	111	52	3	0	0	0	0	0	0	286	152	438
	Total	144	81	9	6	2	1	17	12	111	52	3	0	0	0	0	0	0	286	152	438

13. Statistical Information about Teacher for Academic Year (2014-2015)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	6	2	8	5	0	5
2	OPEN	12	2	14	11	4	15
3	SBC	0	0	0	1	0	1
4	SC	2	0	2	0	0	0
	Total	20	4	24	17	4	21

Date :

Place :

Signature
HOD/Principal/Director