Savitribai Phule Pune University
Annual Report Information 2015-2016
Planning and Development

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: NashikPincode: 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	Kumar Santosh Dineshwar	High-Performance Computation Analysis for Medical Images Using High Computational Methods	Springer	2016	978-981-10-2629-4 / 0000
2	Kute Tushar Bhagwan	Core Java Programming: A Practical Approach	Laxmi Publications	2015	
3	Shirsath Rakesh Subhash	DATA STRUCTURES AND PROBLEM SOLVING	SUCCESS PUBLICATION	2015	9789351583646 /
4	Shirsath Rakesh Subhash	Mobile Applications	Success Publication	2016	978-93-85526-06-0 / 978-93-85526-06-0

6. **No.of Conference, Symposia, Seminars,Workshops etc. Organized (2015-2016)**

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	70	3	1

7. **Research Publications in National and International Journals/Edited Books/Proceedings (2015-2016)**

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	Color Image Watermarking Scheme using HMM for Color Messages Images	IJETT	2 & 5	2015	- / 2350 – 0808
2	Katkade Santosh Dattatrey	OEE Improvement in Bottle neck process	Inernational Journal for Scietific Research and Development	3 & 3	2015	2321 0613 / 2321 0613
3	Katkade Santosh Dattatrey	tilting train	International Journal of Advanced Technology in Engineering and Science	3 & 5	2015	2348 7550 / 2348 7550

4	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
5	Ingle Mayur Eknath	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	Volume: 2 & 5	2015	- / ISSN: 2349-0845
6	Pawar Sushant Janardhan	Design and Implementation of Real Time Remote Supervisory System	Int. Journal of Engineering Research and Application	5 & 6	2015	-- / 2248-9622
7	Pawar Sushant Janardhan	5. Design and Execute a Real Time Distant Monitoring System	5. Elixir International Journal	80 & 6	2015	-- / 2229-712x
8	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
9	More Bhagyashri Fakira	Rain Pixel Recovery with Gaussian Noise Removal For Rainy Videos	IJECSCSE	1 & 6	2015	2277-9477 / 2277-9477
10	More Bhagyashri Fakira	A Novel Approach for Noise Removal, Sleet Pixel Recovery with Quality Enhancement	IJEEM	3 & 4	2015	2319-7927 / 2319-7927
11	Salunke Prashant Gorakhnath	A Review on Device Controlled Using Eye Movement	International Journal of Emerging Trends in Science and Technology (IJETST 2015)	2 & 6	2015	N.A. / 2348-9480
12	Salunke Prashant Gorakhnath	Design And Simulation of 64 bit ALU	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	4 & 3	2015	NA / 2278 – 909X
13	Salunke Prashant Gorakhnath	ARM7 Based Bus Arrival Intimation System	International Journal for Scientific Research & Development (IJSRD)	4 & 4	2016	N.A. / 2321- 0613
14	Salunke Prashant Gorakhnath	Automatic Seed Plantation Robot	Intentional Journal of Engineering Science and Computing	6 & 3	2016	N.A. / 2250 – 1371
15	Salunke Prashant Gorakhnath	Implementation of CAN Protocol	Intentional Journal of Engineering Technology and Computer Research (IJETCR)	4 & 4	2016	N.A. / 2348 – 2117

16	Ghuse Namrata Dhanraj	An Efficient Approach towards Thunderstorm Detection Using Saliency Map	IJCSIT	vol 6 & 6	2015	- / ISSN: 0975-9646
17	Ghuse Namrata Dhanraj	Wireless Broadband Network,WiMax Security and Applications	IJCSMC	vol4 & 6	2015	.- / SSN: 2320-088X
18	Ghuse Namrata Dhanraj	Cancer Gene Prediction and Computer Aided Diagnosis for Cancer	IJSR	vol4 & 4	2015	- / ISSN: 2319-7064.
19	Ghuse Namrata Dhanraj	Record Deduplication Approaches and Algorithm for Removing Duplicate Data	IJSR	vol. 4 & 4	2015	- / SSN (Online): 2319-7064
20	Ghuse Namrata Dhanraj	User Anaonymous Authentication scheme for Decentrilized Access Controls in Cloud	IJCSIT	vol 6 & 6	2015	- / ISSN: 0975: 9646
21	Ghuse Namrata Dhanraj	Attacks and Preventions in Wireless Sensor Network	IJERS	vol.3 & 5	2015	- / SSN 2091-2730
22	Falak Yogeshkumar Ravindra	Inspection of CNC made parts	International Journal of Engineering Sciences and research Technology (IJESRT)	4 & 4	2015	- / 2277-9655
23	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)
24	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
25	Falak Yogeshkumar Ravindra	Sawdust Briquetting Press Machine	International Journal of Engineering Sciences and research Technology (IJESRT)	4 & 3	2015	- / 2277-9655
26	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

27	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
28	KUYATE PRASHANT BHASKAR	Instrumentation for Experimentation on Cycloidal Profile Pad	International Journal of Engineering Technology and Management (IJETM)	Volume 2 & 7	2015	- / ISSN: 2394 - 6881
29	Kuyate Prashant Bhaskar	COMPARATIVE ANALYSIS OF CONVENTIONAL LEAF SPRING AND COMPOSITE LEAF SPRING	International Journal of Innovations In Engineering , Research and Technology	0 & 10	2015	0 / 2394-3696
30	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
31	Deore Anjali Pavan	Phishing Information Identification using SVM Algorithm	IJIET	5 & 62	2015	ISSN:2319-1058 / ISSN:2319-1058
32	Vaidya Omkar Suresh	Implementation of Baugh-Wooely Multiplier and Modified Baugh Wooely Multiplier Using Cadence (Encounter) RTL	International Journal of Science, Engineering and Technology Research (IJSETR)	4 & 6	2015	2278 – 7798 / 2278 – 7798
33	Patil Vikram Shalikram	PV-DVR based efficient interleaved converter for improving voltage quality	The International Journal on Emerging Trends in Technology	2 & 284	2015	00 / ISSN: 2350 – 0808
34	Patil Vikram Shalikram	Stepper Motor: A Review on Theory and Fundamentals	International Journal of Emerging Trends in Science and Technology	02 & 2546	2015	00 / |ISSN 2348 - 9480
35	Patil Vikram Shalikram	PCB Faults Detection by Using Mathematical Morphology: A Review	International Journal of Engineering Technology and Management (IJETM)	2 & 64	2015	00 / 2394-6881
36	Patil Vikram Shalikram	Performance analysis of the ANN Based STATCOM for the 132 KV transmission line	The International Journal on Emerging Trends in Technology	3 & 4139	2016	00 / 2455-0124

37	Aswale Pramod	Implementation of Baugh wooely Multiplier and modified baugj wooely Multiplier using Cadence (Encounter) RTL	IJSETR	4 & 293	2015	2278-7798 / 0
38	Mahajan Mukesh Pandit	Smartphone controlled Robot using ATMEGA328 microcontroller	IJIRCCE	3 & 352	2015	2320 / 0
39	Mahajan Mukesh Pandit	Design & Simulation of 64 bit ALU	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	2 & 1049	2015	
40	Mahajan Mukesh Pandit	On Chip Optrical Interconnect for High Speed Communication System	IJARCCE	5 & 713	2016	0 / 2319-5940
41	Mahajan Mukesh Pandit	PUC MEASUREMENT SYSTEM WITH INFORMATION PORTAL USING GSM AND RFID	IJETCR	4 & 1	2016	2348-2117 / 2348-2117
42	Mahajan Mukesh Pandit	Electronic Hand Glove Through Gestures For Verbally Challenged Persons	IJERA	6 & 17	2016	2248-9622 / 2248-9622
43	Shukla Aditi Nandkumar	Defected Ground Shape on Radiation Pattern of UWB	International Journal of Microwaves Applications	4 & 3	2015	2320-2599 / 2320-2599
44	Gandhe Sanjay Trymbak	Design of CMOS Schmitt Trigger	International Journal of Electronics,Communication and Soft Computing Science and Engineering	- & 5	2015	- / 2277-9477
45	Gandhe Sanjay Trymbak	Viola Jones And Sift Framework For Face Recognition	International Journal Of Engineering Sciences & Research Technology (IJESRT)	4 & 5	2015	- / 2277-9655
46	Joshi Vaibhav Vijay	Graphical Interface for Embedded Processors Using MATLAB based GUI	IJARECE	4 & 4	2015	
47	Joshi Vaibhav Vijay	ARM Processor Architecture-Evolution and Applications	IJSETR	4 & 3	2015	Not Applicable / 2278 – 7798
48	Joshi Vaibhav Vijay	An Embedded Web Server	IJARECE	4 & 4	2015	Not Applicable / 2278-909x
49	Joshi Vaibhav Vijay	Wireless Bomb diffusing robot with camera interfacing	IJSRET	5 & 4	2016	Not Applicable / 2278 – 0882

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50	Joshi Vaibhav Vijay	Electronic Utility Vehicle: E-Board	IJSRD	4 & 3	2016	Not Applicable / 2321 – 0613
51	Patil Vivek Devidas	Error-Free correlation in Encrypted Attack Traffic by Watermarking flow through Stepping Stones	International Journal on Emerging Technologies	6(2): 235-239 (2015) & 5	2015	0975-8364 / 0975-8364
52	Attarde Ganesh Liladhar	Smart Bank Token System	International Journal for Innovative Research in Science & Technology	2 & 3	2016	- / 2349-6010
53	Attarde Ganesh Liladhar	Indoor Position Mapping Using RFID Tags	International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering (IJIREEICE)	4 & 3	2016	- / 2321 – 5526
54	Deshmukh Rahul Nandkishor	Smart Solar Monitoring and Charge Control System	IJSRD - International Journal for Scientific Research & Development	4 & 551	2016	NIL / 2321-0613
55	Deshmukh Rahul Nandkishor	Smart Solar Monitoring and Charge Control System	International Journal for Scientific Research & Development|	4 & 2	2016	2321-0613 / 2321-0613
56	Patel Jagdish Ambalal	5G: Evolution, Convergence, And Innovation Future Mobile Technology	nternational Journal Of Scientific Research And Education	3 & 3140	2015	2321-7545 / 2321-7545
57	Patel Jagdish Ambalal	A Review Of Numerical Protection Relays	International Journal of Research in Electronics and Computer Engineering	3 & 2348	2015	2393-9028 / 2393-9028
58	Patel Jagdish Ambalal	War Field Robot Controlled By Android Phone	International Journal of Innovative Research in Computer and Communication Engineering	3 & 2320	2015	2320-9801 / 2320-9801
59	Mandale Rahul Murlidhar	CSR POLICIES UNDERTAKEN BY CORPORATE INDIA	NBR E-JOURNAL	1 & 7	2015	0 / 2455-0264
60	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
61	Satpute Dinesh Ramesh	A review on Technological Advancement in Automobiles:Smart Vehicles	International Conference on computational Intelligence	-- & 12	2015	-- / --
62	Karale Ankita Vitthal	A Survey On Big Data	IJCSIT	volume 2 & 4	2015	1694-2345 / 1694-2345

63	Shirsath Pankaj Suresh	A REVIEW ON DESIGN AND ANALYSIS OF AMPHIBIOUS VEHICL	ternational Journal of Science, Technology & Management	04 & 16	2015	- / 2394 - 1537
64	Pawar Swati Suresh	Comparative Study of Exemplar based Image Inpainting and fragment Based Image In-painting	IJSART	1 & 7	2015	2395-1052 / 2395-1052
65	Pawar Swati Suresh	Battery Charge Using Wind Energy With Buck Boost Controller	IJSRES	3 & 4	2016	2349-8862 / 2349-8862
66	Pawar Swati Suresh	DOUBLE CONVERSION ONLINE UPS	IJSRET	5 & 4	2016	2278 – 0882 / 2278 – 0882
67	Pawar Swati Suresh	Cleaning Robot Based on PIC Controller	IJSRD	4 & 3	2016	2321-0613 / 2321-0613
68	Pawar Swati Suresh	Review Paper Based on Cleaning Robot	IJRE	3 & 3	2016	2348-7860 / 2348-7860
69	Pawar Swati Suresh	An Effective Renewable Energy Source based on Buck Boost Controller	IJIR	2 & 5	2016	2454-1362 / 2454-1362
70	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
71	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
72	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
73	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
74	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

75	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
76	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
77	Phade Gayatri Makarand	Low cost sine wve 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
78	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
79	Yadav Jaywant Namdev	Design, Construction of Combined Airconditioning and Refrigeration Unit	International Engineering Research Journal (IERJ)	Volume 1 & 4	2015	ISSN 2395-1621 / ISSN 2395-1621
80	Gunjal Shrikant Uttam	Matching Improvement on PAKO	International Journal of Current Research	7 & 6	2015	- / 0975-833X
81	Gunjal Shrikant Uttam,Sonawane Gaurav Dinkar	Advanced Filing Machine	International Journal oe Engineering Research and General Science	3 & 6	2015	- / 2091-2730
82	Gunjal Shrikant Uttam	A REVIEW ON DESIGN AND ANALYSIS OF AMPHIBIOUS VEHICLE	International Journal of Science, Technology and Management	4 & 16	2015	- / 2394-1537
83	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
84	Gunjal Shrikant Uttam	COMPARATIVE STUDY OF ALUMINIUM LITHIUM ALLOY AND COMPOSITES	International Journal of Science, Technology and Management	4 & 7	2015	- / 2394-1537
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	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
88	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
89	Wagh Manohar Wamanrao	Conservation of Energy using Energy Management System	International Journal of Scientific Research Engineering & Technology (IJSRET)	4 & 6	2015	2278-0882 / 2278-0882
90	Wagh Manohar Wamanrao	Walk And Talk Robot	International Journal of Interdisciplinary Research	2 & 3	2016	0 / 2454-1362
91	Wagh Manohar Wamanrao	Automatic Urea Briquettes Distribution System	IJSART	2 & 4	2016	0 / 2395-1052
92	Wagh Manohar Wamanrao	Touch Screen Based Home Automation System	International Research Jounal of Engineering and Technology	03 & 2	2016	2395-0056 / 2395-0072
93	Ugale Vivek Dhruv	AUTOMATIC BLACKBOARD ERASER	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	4 & 5	2015	0 / 2278 – 909X
94	Vaidya Om Vitthal	STUDY OF MANAGEMENT AND WASTE CONNTROL OF CONSTRUCTION MATERIAL USING 4 R TECHNIQUE FOR CLEAN ENVIRONMENT AND SMART CONSTRUCTION OF CIVIL ENGINEERING PROJECT	IJRESTs	1 & 7	2015	2395 / 2395-6453
95	Karkade Hemant Bakaramji	Experimental Investigations into machining of AISI 316 Stainless steel for surface roughness and microhardness beneath machined surface under dry environment	Journal of Applied Physical Science International	Vol.: 4, & 10	2015	2395-5260 / 2395-5279
96	Jagtap vishal prakash	Design and simulation of 64 bit ALU	IJARECE	4 & 4	2015	2278-909X / 2278-909X
97	Jagtap Vishal Prakash	E-notice board with handmade LED board	Global research & development journal for Engg.	1 & 5	2016	2455-5703 / 2455-5703

98	Patil Vijay Prakash	Comparative Study of Exemplar based Image Inpainting and fragment Based Image In-painting	IJSART	1 & 7	2015	Aug 2015 / 2395-1052
99	Patil Vijay Prakash	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	2 & 5	2015	Jan 2015 / 2349-0845
100	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
101	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
102	Dhulekar Pravin Ashok	Moving Object Tracking Using Kalman Filter	International Journal of Advance Foundation and Research in Computer (IJAFRC)	2 & 4	2015	- / 2348 – 4853
103	Dhulekar Pravin Ashok	Detection of DNA Damage Using Comet Assay Image Analysis	International Journal of Research in Science & Technology (IJRST)	2 & 5	2015	- / 2349-0845
104	Kumar Santosh Dineshwar	Design and Implementation of Wireless Sensor Network Based Health Care Solution Using Memac	International Journal of Electronics, Communication & Soft Computing Science and Engineering	3 & 5	2015	-- / 2277-9477,
105	Kumar Santosh Dineshwar	An Approach for Efficient Many Keywords Findings over Encrypted Cloud Information	ACM	00 & 5	2016	978-1-4503-3962-9 / 00
106	Gaikwad Yogesh Murlidhar	Detection of DNA Damage Using Comet Assay Image Analysis	IJRST	2 & 5	2015	IJRST / 2349-0845
107	Gaikwad Yogesh Murlidhar	SPY Robot For Military Purpose	(IJETCR)	4 & 4	2015	nil / 2348-2117
108	Gaikwad Yogesh Murlidhar	design &simulation of 64 bit ALU	IJARECE	4 & 3	2015	2278-909X / 2278-909X
109	Sonawane Gaurav Dinkar	Abrasive Water Jet Machining- A Review	IOSR Journals	12 & 9	2015	2320-334X / 2320-334X

110	Walunj Sandip Maruti	ACCELERATE EXECUTION OF CUDA PROGRAMS FOR NON GPU USERS USING GPU IN THE CLOUD	International Research Journal of Engineering and Technology (IRJET)	02 & 5	2015	e-ISSN: 2395-0056, p-ISSN: 2395-0072 / e-ISSN: 2395-0056, p-ISSN: 2395-0072
111	Walunj Sandip Maruti	Acceleration of Video Conversion on the GPU based Cloud	International Research Journal of Engineering and Technology (IRJET)	02 & 6	2015	e-ISSN: 2395-0056, p-ISSN: 2395-0072 / e-ISSN: 2395-0056, p-ISSN: 2395-0072
112	Walunj Sandip Maruti	Augmenting Speed of SQL Database Operations Using NVIDIA GPU	International Research Journal of Engineering and Technology (IRJET)	02 & 4	2015	e-ISSN: 2395-0056, p-ISSN: 2395-0072 / e-ISSN: 2395-0056, p-ISSN: 2395-0072
113	Burade Prakash Gajanan	Over Head Transmission Lines Live Line Maintenance Techniques Based on Condition Monitoring in In dian Power Scenario	INTERNATIO NAL JOURNAL OF SCIEN CE, SPIRITUALITY, BUSINESS AND TECHNOL OGY	3 & 9	2015	2277 — 7261 / 2277 — 7261
114	Pachorkar Pravin Raghunath	Filtering System for Online Social Networking Users	International Journal of Emerging Trends in Science &Technology	01 & 5	2015	00 / 2348-2348
115	Patil Lalit Ramesh	Review Paper-Automatic Phase Changer using 89c52	IJETCR	4 & 4	2016	2348 -2117 / 2348 -2117
116	Patil Lalit Ramesh	Automatic Phase Selector using 89c52	IRJET	3 & 5	2016	2395-0056 / 2395-0056
117	Patil Lalit Ramesh	Review Paper-Forest-Fire Surveillance System Based On Wireless Sensor Network	IJERA	6 & 2	2016	2248-9622 / 2248-9622
118	Patil Lalit Ramesh	Forest-Fire Monitoring System Using Wireless Technology	IJETAE	6 & 4	2016	2250-2459 / 2250-2459
119	Badgujar Dipak Suresh	Shunt Active Filter for power Quality Improvement	IJER&GS	3 & 8	2015	20912730 / 20912730
120	Aswale Pramod Shivaji	Water Environment monitoring system based on WSN	IJARECE	4 & 4	2015	

121	Aswale Pramod Shivaji	Implementation of Baugh-Wooely Multiplier and Modified Baugh Wooely Multiplier Using Cadence (Encounter) RTL	International Journal of Science, Engineering and Technology Research	4 & 6	2015	- / 2278 – 7798
122	Aswale Pramod Shivaji	Water Environment monitoring system based on WSN	IJARECE	4 & 4	2015	
123	Surwade Tushar Jaiwant	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	00 / 2349-784X
124	Surwade Tushar Jaiwant	Online Examination System Using Command Line Interface	International Journal of Computer Science Engineering and Technology	5 & 4	2015	00 / 2231-0711
125	Deshmukh Sukhada Madhav	VVVF POWER SOURCE USING SPWM	International Journal of Advanced Technology in Engineering and Science	3 & 6	2015	0 / 2348 – 7550
126	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
127	Thoutam Naresh Chandramouli	Resource Allocation Methods in Cloud Computing : Survey	IJETT	2 & 4	2015	0 / 2350-0808
128	Thoutam Naresh Chandramouli	Approach for Extracting of Hidden Data from Encrypted Images Using Reserving Room before Encryption	IJARCSSE	5 & 6	2015	0 / 2277 128X
129	Thoutam Naresh Chandramouli	Human Computer Interface to Play Virtual Musical Instruments Using Finger Sensor Data Glove	International Journal of Electronics, Communication & Soft Computing Science and Engineering,	special issue & 3	2015	0 / 2277-9477
130	Thoutam Naresh Chandramouli	Design And Analysis of Three Party Protocol to Retrieve Private Data By Using Vertical Partitioned Data	International Journal of Electronics, Communication & Soft Computing Science and Engineering,	special issue & 4	2015	0 / 2277-9477
131	Thoutam Naresh Chandramouli	Divisible Resource Allocation to Minimize Cloud Task Length	International Journal of Electronics, Communication & Soft Computing Science and Engineering,	special issue & 4	2015	0 / 2277-9477

132	Thoutam Naresh Chandramouli	Evaluation of Multilevel Check Pointing System in Distributed Environment	International Journal of Electronics, Communication & Soft Computing Science and Engineering,	special issue & 5	2015	0 / 2277-9477
133	Thoutam Naresh Chandramouli	Divisible Resource Allocation to	IJEEM	3 & 7	2015	0 / 2319-7927
134	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
135	Kute Tushar Bhagwan	Online Examination System using Command Line Interface	International Journal of Computer Science Engineering and Technology	5 & 4	2015	
136	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
137	Kute Tushar Bhagwan	RPC Based Online Test Module	International Journal of Science Technology & Engineering	1 & 5	2015	
138	Patil Sarika Prashant	Identification of Mentors	International Research Journal of Multidisciplinary Studies	Vol 1, No 3 (2015): IRJMS OCTOBER 2015 & 20	2015	2454-8499, Impact factor 0-697 (IIFS) / 2454-8499, Impact factor 0-697 (IIFS)
139	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
140	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
141	Pawar Sushant Janardhan	Designing a Quadruped with Stair Parameter Analyzing and Climbing Capability	International Conference on Computing Communicatio Control and Automation	5	2015	--- / ---
142	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	--- / ---
143	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
144	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

145	More Bhagyashri Fakira	Rain Pixel Recovery and Gaussian Noise Removal with Quality Enhancement	cPGCON	5	2015	0061006 / 0061006
146	Nikose Mangesh Dindayal	Path Selection Algorithms in Mobile Ad Hoc Networks	ICQUEST 2016	4	2016	1 /
147	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 /
148	Solanke Adesh Bhimsing	An anlytical study of importance of managerial skills at workplace	international journal of economics and commerce	112	2016	2278-2087 / 2278-2087
149	solanke adesh bhimsing	Developing Method for assessment of technical competencies of employees	International journal of Management	65	2016	2455-3572 / 2455-3572
150	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
151	Solanke Adesh Bhimsing	Development of skill of 'Sustainable Entrepreneurship Learning' among students	international journalof economics & commerce	52	2016	2278-2087 / 2277-2087
152	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
153	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
154	Solanke Adesh Bhimsing	Challenges to skill development in India & way ahead	international journal of economics and commerce	63	2016	2278-2087 / 2278-2087
155	Solanke Adesh Bhimsing	Role of Skill development in organizational development	international journal of economics and commerce	89	2016	2278-2087 / 2278-2087
156	Khokale Swati Rahul	A Novel Approach For Wireless Sensor Network Based Health Care Solution Using Memac	Cpgcon 2015	5	2015	0061003 / 0061003

157	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
158	VAIDYA OMKAR SURESH	Furnace Monitoring and Controlling using Embedded System	TECHNOEVOLUTION 2K15	5	2015	0 / 0
159	Vaidya Omkar Suresh	Renesas Microcontroller based Quectel M95 GSM Module Testing Software with Device Control	TECHNOEVOLUTION 2K15	7	2015	0 / 0
160	Vaidya Omkar Suresh	MSP430 based Wireless Remote Control System Using Android Application	National Conference on Mechatronics	5	2016	0 / 0
161	Vaidya Omkar Suresh	Hand Pesticides Sprayer for Agriculture Using Electrostatics	National Conference on Signal Processing, Computer Modeling & Mechatronics (NCSPCM2-2K16)	5	2016	0 / 0
162	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 (IIET-2016)	4	2016	0 / 0
163	Vaidya Omkar Suresh	Performance Analysis of KLT, Harris and SIFT Feature Detector for Image Stitching	ICETEMR-16	5	2016	0 / 0
164	Risodkar Yogesh Ramkrishnarao	Smart Traversing Sub Aquatic Vehicle	International Conference on Advance Trens in Engineering Science & Technology-CATEST2015	5	2015	NIL / 2321-9637
165	Risodkar Yogesh Ramkrishnarao	Automatic Toll Collection With Antitheft System	International Conference on Advent Trends in Engineering Science & technology	5	2015	NIL / 2278-909x
166	Gandhe Sanjay Trymbak	Designing a Quadruped with Stair Parameter Analysing and Climbing Capability	IEEE International Conference on Computing, Communication, Control and Automation	5	2015	- / -
167	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	- / -

168	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	- / -
169	Gandhe Sanjay Trymbak	Enhancement of old images and document	IEEE Xplore-International conference on communication, information and computing technology(ICCICT-2015)	5	2015	- / -
170	Gandhe Sanjay Trymbak	Detection and tracking of pedestrian for ADAS	ELSEVIER International Conference on Advances in Computing, Communication and Control(ICAC3 '15)	5	2015	- / -
171	Gandhe Sanjay Trymbak	Identification and tracking of facial features	ELSEVIER International Conference on Advances in Computing, Communication and Control(ICAC3 '15)	5	2015	- / -
172	Palve Amit Haridas	Smart Health Monitoring System for Animals	Smart Health Monitoring System for Animals	0	2015	0 / 0
173	Palve Amit Haridas	Smart Centralized Power Control for Buildings Using WSN	Smart Centralized Power Control for Buildings Using WSN	0	2015	0 / 0
174	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
175	Joshi Vaibhav Vijay	An Embedded Web Server	9th National Conference TECHNOEVOLUTION 2K15	4	2015	0 / 0
176	Shirsath Pankaj Suresh	Ethanol Gasoline Blend in SI Engine	Fourth International Conference on Computational Intelligence Applications	6	2015	- / -
177	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
178	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
179	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
180	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

181	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
182	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
183	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
184	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
185	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
186	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
187	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
188	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
189	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
190	Deshmukh Rushikesh Vasantrao	Labview Based Condition Monitoring of Induction Motor	IJERET	6	2015	3297-2007 / 2248-9622
191	Gunjal Shrikant Uttam	A STUDY OF BEARING AND ITS TYPES	A STUDY OF BEARING AND ITS TYPES	8	2015	- / 2348-7570

192	Gunjal Shrikant Uttam	A REVIEW ON DESIGN OF EXPERIMENTAL ANALYSIS	A REVIEW ON DESIGN OF EXPERIMENTAL ANALYSIS	8	2015	- / 2348-7570
193	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
194	Gunjal Shrikant Uttam	DESIGN OF WELDING ROTATOR	DESIGN OF WELDING ROTATOR	7	2015	- / 2348-7570
195	Gunjal Shrikant Uttam	TILTING TRAIN TECHNOLOGY	TILTING TRAIN TECHNOLOGY	5	2015	- / 2348-7570
196	Gunjal Shrikant Uttam	FUTURE TRENDS IN AUTOMOBILES: AIR POWERED VEHICLES	FUTURE TRENDS IN AUTOMOBILES: AIR POWERED VEHICLES	12	2015	- / 2319-8354(E)
197	Gunjal Shrikant Uttam	GRAPHENE: A FUTURE POTENTIAL CARBON FIBER MATERIAL	GRAPHENE: A FUTURE POTENTIAL CARBON FIBER MATERIAL	6	2015	- / 2348-7570
198	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
199	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	- / -
200	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 / -
201	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 / -
202	Dhulekar Pravin Ashok	Detection and tracking of pedestrian for ADAS	International Conference on Advances in Computing, Communication and Control (ICAC3 '15)	5	2015	- / -
203	Dhulekar Pravin Ashok	Design of CMOS Schmitt Trigger	IETE 46th Mid Term Symposium	5	2015	- / -
204	Dhulekar Pravin Ashok	Identification and tracking of facial features	International Conference on Advances in Computing, Communication and Control (ICAC3 '15)	5	2015	- / -

205	Dhulekar Pravin Ashok	Designing a Quadruped with Stair Parameter Analysing and Climbing Capability	International Conference on Computing, Communication, Control and Automation (ICCUBA-2015)	5	2015	- / -
206	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	- / -
207	Kumar Santosh Dineshwar	Performance enhancements in Cloud Server using Trusted Third Party and AES	ETCSIT	4	2015	2277-9477 / 2277-9477
208	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
209	Walunj Sandip Maruti	Enhancing Speed of SQL Database Operations using GPU	International Conference on Pervasive Computing (ICPC)	5	2015	978-1-4799-6272-3 /
210	Badgujar Dipak Suresh	Instantaneous PQ theory for reactive power compensation & power factor correction for non linear unbalance load	IRAJ	10	2015	9788192958031 / 9788192958031
211	Aswale Pramod Shivaji	Teaching analog communication using LABVIEW	Technoevolution 2k15	4	2015	- / -
212	Patil Sarika Prashant	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
213	Patil Sarika Prashant	Higher Education and the academic Relationshipin 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
214	Patil Sarika Prashant	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
215	Patil Sarika Prashant	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 (2015-2016)						
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	Vikram A Kolhe	Engineering	Parametric Study & Performance Evaluation of Corio	BCUD SPPU Pune	01/07/2016-31/05/2018	130000	Minor

9.	Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2015-2016)		
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	21	21	7

10.	No. of Collaboration with International Institute/Colleges/University Department during the Year (2015-2016)			
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	64	0	0	0

11.	Grants Sanction for Funding Agency (2015-2016)				
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	2	0	7	2

Savitribai Phule Pune University

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12.	Faculty Wise Enrollment Of Students (2015-2016)												
Faculty	**Sex**	**Open**	**Sc**	**ST**	**DT(A)**	**NT**	**NT(B)**	**NT(C)**	**NT(D)**	**OBC**	**SBC**	**Physically Challenged**	**Total**
Engineering	FEMALE	65	3	3	0	0	4	2	4	44	2	0	127
	MALE	166	13	6	6	0	7	7	16	122	3	0	346
	TOTAL	231	16	9	6	0	11	9	20	166	5	0	473

13.	Statistical Information about Teacher for Academic Year (2015-2016)						
Sr.No.	**Category**	**Granted**			**Non Granted**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**
1	NT(D)	0	0	0	1	0	1
2	OBC	5	1	6	5	0	5
3	OPEN	14	0	14	13	3	16
4	SBC	0	0	0	1	0	1
5	SC	1	0	1	1	0	1
	Total	20	1	21	21	3	24

Date :

Place :

Signature
HOD/Principal/Director

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