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

<b>1.</b>	<b>Name Of the Department/College/Institute</b>	:	Sinhgad Technical Education Society Sinhgad Academy of Engineering Kondhava Pune Addr: Kondhava Saswad Road Kondhava Bu Pune 48 Ta: Pune (corporation Area) Dist: Pune	<b>2.</b>	<b>Address Of the Department/College/Institute</b>	:	Kondhava Saswad Road Kondhava Bu Pune 48 Ta: Pune (corporation Area) Dist: Pune Pincode: 411048
<b>3.</b>	<b>Name Of the Head/Principal/Director</b>	:	Kishor Puna Patil	<b>4.</b>	<b>Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address</b>	:	<b>Tele.-</b> 020-26934550 <b>Email-</b> saeprincipal@sinhgad.edu <b>URL-</b> www.sinhgad.edu

**5. Reference Books/Monographs Published by Teacher (2017-2018) :**

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	Ramdasi Ashish Purushottam	How to Learn Paython Programming in 100 Minutes	Amazon	2018	9781983262210 /
2	Ramdasi Ashish Purushottam	Practical Approach of Machine Translation to Build Intelligent Translators	Amazon	2018	9781-7179-287-26 /
3	Shilwant Somshekhar Chandrashekhar	Metrology and Quality Control	Nirali	2017	978-93-5164-133-9 /
4	Sollapur Shrishail Basaprabhu	Theory of Machine-I	Nirali Publication	2017	. / N3543
5	Varade Apurva Nilkanth	Cloud Computing	Technical Publications	2018	9 7 8 - 9 3 - 3 3 2 - 1 7 7 5 - 0 /
6	Pawar Vikramsinh Tanajirao	Finite Element Analysis	Nirali Prakashan	2017	978-93-5164-884-0 /
7	Godse Sachin Pandurang	Software Testing And Quality Assurance	Nirali Prakashan	2018	978-93-88194-18-1 /
8	Godse Sachin Pandurang	Practical Approach of Machine Translation to Build Intelligent Translator	Seattle Digital Publications	2018	9781717928726 /
9	Godse Sachin Pandurang	Software Modelling & Design	Nirali Prakashan	2017	978-93-87397-09-5 /
10	Godse Sachin Pandurang	Embedded Systems and Internet of Things	Nirali Prakashan	2017	978-93-87397-72-9 /
11	Bangare Sunil Limchand	Review of Otsu's method for Image Thresholding	RIP	2017	978-93-84443-48-1 / 978-93-84443-48-1
12	Godse Sachin Pandurang	Priority based Message Forwarding Scheme in VANET with Intelligent Navigation	CRC press Taylor and Francis group	2018	9781138339798 - CAT# K394060 / 9781138339798



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6. No.of Conference, Symposia, Seminars,Workshops etc. Organized (2017-2018)						
Sr. No.	No. of State Level	No. of National Level		No. of International Level		
1	2	0		0		
7. Research Publications in National and International Journals/Edited Books/Proceedings (2017-2018)						
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	Sanap Madhura Eknath	Infirmary Services and Disease Detection on Cloud and Providing Security	International Journal of Innovative Research in Science, Engineering and Technolog	6 & 3	2017	0 / 2319-8753
2	Sanap Madhura Eknath	Confidential and Essential Two-Cloud Secure Database for Numeric-Related SQL Range Queries	International Journal of Innovative Research in Computer and Communication Engineering (	6 & 4	2018	0 / 2320-9801
3	Sanap Madhura Eknath	Land Investment Analysis Using Big Data	IJARIE	3 & 5	2017	2395-4396 / 2395-4396
4	Sanap Madhura Eknath	On the Security of Trustee-Based Social Authentications	IJSTE	2 & 4	2017	2349-784X / 2349-784X
5	Jain Ruchi Atul	A survey on Red Lesion Detection in Diabetic Retinopathy Affected Fundus Images	IRD INDIA	5 & 2	2017	2347-2820 / 2347-2820
6	Jain Ruchi Atul	intelligent vehicle Accident detection system	IJECS	5 & 3	2017	2347-2820 / 2347-2820
7	Jain Ruchi Atul	Total home security using ARM	IJTSRD	2 & 4	2018	- / 2456-6470
8	Jain Ruchi Atul	Women's Safety using IOT	IRJET	04 & 2	2017	p-23950072 / e-2395-0056
9	Shilwant Somshekhar Chandrashekhar	Topology optimization of gears from two wheeler Gear set using Parametric study	IOSR Journal of Mechanical and Civil Engineering	Volume 14, & 10	2017	2278-1684 / 2278-1684
10	rathod suresh baliram	Decision Making Framework for Decentralized Virtual Machine Placement in Cloud Computing	ijte(UAE)	7 & 705709	2018	2227-524X / 2227-524X



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11	Rathod Suresh Baliram	NDynamic Framework for Secure VM Migration over Cloud Computing	JIPS	13 & 14	2017	1976-913X / 1976-913X
12	Rathod Suresh Baliram	Decentralized Predictive Secure VS Placement in Cloud Environment	Journal of Computer Science	14 & 396407	2018	1549-3636 / 1549-3636
13	Kamat Durgaprasad Kamalakar	Bio-Impedance Analysis for Classification of Various Skin Diseases in Indian Context	Research Journal of Pharmaceutical, Biological and Chemical Sciences	8 & 11	2017	0975-8585 / 0975-8585
14	Sankpal Lata Jaywant	Location base Encryption for Secure banking transactions in mobile data	International Journal of Advanced Engineering and Research Development	4 & 4	2017	- / 2348-6406
15	Sankpal Lata Jaywant	Sentiment Analysis of speech	International Journal of Advance Reseach in Computer Communication Engineering	6 & 5	2017	- / 2319 5940
16	Sagare Varsha Vijay	Wireless Biometric Attendance Management System	International Journal on Recent and Innovation Trends in Computing and Communication	5 & 5	2017	- / 2321-8169
17	Avhad Kiran Sahebrao	A Survey on Smart Logistic Transportation System Based on Datamining	International Journal of Innovative Research in Science, Engineering and Technology	7 & 4	2018	2347-6710 / 2347-6710
18	Anekar Devata Raghunath	Automated Toll Fee Collection and Crime Detection	International Engineering Research Journal	2 & 28842889	2017	00 / 23951621
19	Anekar Devata Raghunath	Smart College System using IoT BLE Beacons	International Journal of Advanced Research in Computer and Communication Engineering	6 & 438442	2017	23195940 / 22781021
20	Anekar Devata Raghunath	Smart Anti-Theft System for Vehicle Security	International Journal for Scientific Research & Development	6 & 6	2018	- / 2321-0613
21	Anekar Devata Raghunath	Social Media Assist Bot	International Journal of Advanced Research in Computer and Communication Engineering	7 & 5	2018	- / -
22	Sardeshmukh Vaishali Mhalsakant	Waste Segregation using Smart Robotic Arm	International Research Journal of Engineering and Technology	4 & 3	2017	2395-0056 / 2395-0056
23	Sardeshmukh Vaishali Mhalsakant	Alzimers Patient Tracking and Alert Syatem	International Journal of Trend in Scientific Research and Development	2 & 5	2018	2456-6470 / 2456-6470



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24	Sardeshmukh Vaishali Mhalsakant	Wireless Projector With Camera Interfaced With Raspberry-Pi	IJISRT	2 & 3	2017	2456-2165 / 2456-2165
25	Shinde Tarang Ramrao	Influence of carbide density on surface roughness and quasi-stable wear behaviour of H13 die steel	Surface Engineering	10 & 9	2017	1743-2944 (Online) / 0267-0844 (Print) 1743-2944 (Online)
26	Shinde Tarang Ramrao	Influence of Tertiary Carbides on Improving Fatigue Limit of H13 Die Steels	Metallography & Microstructure Analysis	6 & 9	2017	2192-9262 / 2192-9270
27	Kitture Snehal Prashant	A Review on Developments in Concrete Filled Steel Tubular Columns (CFST)	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	14 & 4	2017	2320-334X / 2278-1684
28	Kitture Snehal Prashant	Implementation of Pervious Concrete Using Alternative Techniques and Methods to Increase its Strength	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	5 & 10	2017	Maharashtra / ISSN: 2321-9653
29	Kitture Snehal Prashant	Experimental Study on Voided Biaxial Slab and its Application	International Journal of Trend in Scientific Research and Development (IJTSRD)	2 & 5	2017	Maharashtra / ISSN No: 2456-6470
30	Varade Apurva Nilkanth	Smartphone based Optical Character Recognition for Indian Language	International Journal of Advanced Research in Computer and Communication Engineering	7 & 213	2018	2278-1021 / 2319-5940
31	Varade Apurva Nilkanth	Hybrid Fingerprint Matching Algorithm Survey	International Engineering Research Journal	2 & 35703373	2017	2395- 1621 / 2395- 1621
32	Pawara Sona Ratilal	Early detection of Pomegranate disease using Machine learning and IoT	IJIRSET	7 & 7	2018	2319 - 8753 / 2319 - 8753
33	Pawara Sona Ratilal	Android Based Remote Monitoring of Water Quality from Reservoirs	International Journal of Engineering Science and Computing, April 2017	7 & 4	2017	2321 3361 © 2017 IJESC / 2321 3361 © 2017 IJESC
34	Magar Anand Mohanrao	Social Media Analytics And Sentiment Analysis	IJIRT	3 & 187	2017	- / 2349-6002
35	Rade Prashant Sudhiranjan	Sun powered vitality through sun powered space stations	STM Journals	4 & 6	2017	- / 2454-6372



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36	DEOKATE LAXMAN JAGANNATH	Peer To Peer Communication Using Heterogeneous Social Networks	IJIR	3 & 4	2017	-- / 2454-1362
37	Deokate Laxman Jagannath	Fraud Detection System for Banking Services	IJARCCCE	7 & 4	2018	2278-1021 / 2278-1021
38	Borse Rushikesh Prakash,Roy Chiranjit	An Effective Approach on CBVR Based on High Level Semantics	CIIT Journal of Digital Image Processing	010 & 1	2018	ISSN 0974 – 9586 - Online / ISSN 0974 – 9691 - Print
39	Borse Rushikesh Prakash	HUMAN EMOTION RECOGNITION BASED ON EEG SIGNALS: IMPLEMENTATION BASED ON VARIOUS DISTANCE CLASSIFIER	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	06 & 1	2018	ISSN: 2320-2882 / ISSN: 2320-2882
40	Bangare Pallavi Sunil	Detection of Human Feature in Abandoned Object with Modern Security Alert System using Android Application	IEEE International Conference On Emerging Trends & Innovation in ICT	17029176 & 7	2017	978-1-5090-3404-8 / 978-1-5090-3405-5
41	Bangare Pallavi Sunil	Robotic Arm Simulation Using Leap Motion Controller	International Journal of Emerging Science and Engineering	4 & 6	2017	2319–6378 / 2319–6378
42	Bangare Pallavi Sunil	Product Recommendation System using Machine Learning	International Journal of Research in Advent Technology	5 & 6	2017	2321-9637 / 2321-9637
43	Jagtap Kirti Nilesh	Classification of Traffic Based on ports in Computer Network	MIM Management Research Journal	1 & 299	2017	0 / 2277-6133
44	Pawar Sheshnarayan Siddheshwar	Smart email notifier using supervised learning	IJCSEIT	1 & 4	2017	24563307 / 24563307
45	Pawar Sheshnarayan Siddheshwar	Smart Email Notifier Using Supervised Learning	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2 & 4	2017	24563307 / 24563307
46	Pawar Sheshnarayan Siddheshwar	Application for monitoring social issue	IJSER	8 & 4	2017	22295518 / 22295518
47	Pawar Sheshnarayan Siddheshwar	Social Complaint Application	IJEES	1 & 4	2017	23197242 / 23197242
48	Wankhade Shalini Vaibhav	FRAUD APPLICATION DETECTION AND SUMMARY RISK SCORE	IJARIIIE	03 & 6	2017	-ISSN(O)-2395-4396 / -ISSN(O)-2395- 4396



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49	Wankhade Shalini Vaibhav	E-Governance: E-Services in India	IJSETR	06 & 6	2017	ISSN 2319-8885 / ISSN 2319-8885
50	Wankhade Shalini Vaibhav	Vehicle type classification using semisupervised CNN	IJRET	05 & 6	2018	- / ISSN(Online): 2395-0056
51	Wankhade Shalini Vaibhav	Random Forest -A Machine Learning Algorithm to Predict Number of bicycles in Bicycle Rental System	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 6 & 6	2018	- / ISSN(Online): 2320-9801
52	Yenape Ramchandra Shrishail	A DATA MINING BASED SPAM DETECTION SYSTEM FOR YOUTUBE	International journal of advance research and innovative ideas in education	3 & 6	2017	2395-4396 / ISSN(O)-2395-4396
53	Yenape Ramchandra Shrishail	THREE WAY GRAPHICAL PASSWORD AUTHENTICATION	International journal of advance research and innovative ideas in education	3 & 7	2017	2395-4396 / ISSN(O)-2395-4396
54	Yenape Ramchandra Shrishail	Bug treatment automation with the help of instance and feature selection using information security and data mining.	International Engineering Research Journal (IERJ)	Volume 2 & 4	2018	2395-1621 / 2395-1621
55	Sharma Nakul Satpaul	Detection of crime and non-crime tweets using Twitter	International Journal of Advanced Research in Computer and Communication Engineering	7 & 4	2017	2319-5940 / 2319-5940
56	Sharma Nakul Satpaul	Classifying Natural Language Text as Controlled and Uncontrolled for UML Diagrams	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	8 & 5	2018	2158-107X(Print) / 2156-5570
57	Kulkarni Shriram Sadashiv	Smart Parking System and It's Simulation	International Journal of Advanced Research in Computer and Communication Engineering	7 & 6	2018	2319-5940 / 2278-1021
58	Kulkarni Shriram Sadashiv	IOT Based Smart Agro System	International Journal for Research in Applied Science & Engineering Technology	6 & 4	2018	2321-9653 / 2321-9653
59	Bharate Vishal Devidas	Emotion Recognition using Image Processing	International Journal of Trend in Scientific Research and Development	2 & 4	2018	0 / 2456-6470



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60	Babbar Nandini Jaiprakash	Distributing secure Clusters over a Network using K means clustering & Analysing with difeerenr clustering mechanisms.	International Journal of Academic Research & Developmment	3 & 4	2017	Impactfactor-RJIF 5.22 / 2455-4197
61	Shelke Santosh Nivrutti	A SURVEY ON VIRTUAL REALITY FOR DRESSING ROOM	Open Acess International Journal of Sciencee and Engineering	2 & 3	2017	ISSN (Online) 2456-3293 / 2456-3293
62	Shinde Jayashree Pratap	Pentagonal Shaped Multi-Wideband Antenna for Indoor Wireless Communication	International Journal of Computer Applications	180 & 6	2018	978-93-80747-73-3 / NA
63	Rasal Varsha Suraj	Amelioration of Decentralized Cipher Text Policy Attribute Based Encryption with Mediator technique by adding Salt.	International Journal of Advanced Research in Computer Science	8 & 5	2017	09765697 / 09765697
64	Rasal Varsha Suraj	Auto motive refuge concept using Embedded and computing approches.	International Journal of Advanced Research in Computer Science	8 & 7	2017	09765697 / 09765697
65	Rasal Varsha Suraj	A CRYPTOGRAPHICALY IMPOSED DCP-ABE-M SCHEME WITH ATTRIBUTE BASED PROXY RE-ENCRYPTION AND KEYWORD SEARCH IN UNTRUSTED PUBLIC CLOUD	Institute of Integrative Omics and Applied Biotechnology (IIOAB)	8 & 6	2017	0976-3104 / 0976-3104
66	Rasal Varsha Suraj	Improving Source Code Encryption using Proposed Cipher Logic	International Journal of Computer Sciences and Engineering	5 & 4	2017	2347-2693 / 2347-2693
67	Bagban Jasmine Asifbaig	IOT based garbage monitoring & water dispenser system	IJSRD	6 & 4	2018	23210613 / 23210613
68	Kakkeri Roopa Basawaraj	Distributed Cable Harness Tester	IJRET	4 & 5	2017	2395-0056 / 2395-0072
69	Kakkeri Roopa Basawaraj	A power equalization Application for Partially shaded photovoltaic module	IERJ	4 & 4	2018	2395-0056 / 2395-0072



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70	Kakkeri Roopa Basawaraj	NFC based Super secure Bike	IRJET	4 & 4	2017	2395-0072 / 2395-0056
71	Doke Gauri Dattatray	S.M.A.R.T. COPS	Resincap Journal of Science and Engineering	2 & 5	2018	- / 2456-9976
72	Doke Gauri Dattatray	Toll Booth Collection using Li-Fi	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING	7 & 5	2018	- / 2278-1021, 2319-5940
73	Sawant-Patil Supriya Tulshihaar	Proof of Stake with Casper the Friendly Finality Gadget Protocol for Fair Validation Consensus in Ethereum	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Volume 3   Issue 3   ISSN : 2456-3307 & 8	2017	2456-3307 / 2456-3307
74	Sawant-Patil Supriya Tulshihaar	Conceptual Model for Proficient Automated Attendance System based on Face Recognition and Gender Classification using Haar-Cascade, LBPH Algorithm along with LDA Model	International Journal of Applied Engineering Research	International Journal of Applied Engineering Research & 6	2018	ISSN 0973-4562 / ISSN 0973-4562
75	Sawant-Patil Supriya Tulshihaar	Automated Toll Collection coupled with Anti-theft and Vehicle Document Verification System using RFID and Arduino Uno	International Journal of Computer Sciences and Engineering	6 & 6	2018	E-ISSN: 2347-2693 / E-ISSN: 2347-2693
76	Sawant-Patil Supriya Tulshihaar	MARINE HULL INSURANCE USING PRIVATE BLOCKCHAIN, FILECOIN PROTOCOL AND SMART CONTRACTS	International Journal of Advanced Research in Computer Science	Volume 9, & 6	2017	ISSN No. 0976-5697 / ISSN No. 0976-5697
77	Sawant-Patil Supriya Tulshihaar	Advanced Autoswitch For Motor Starter	IJSART - Volume 4 Issue 6 – JUNE 2018	4 & 3	2017	ISSN [ONLINE]: 2395-1052 / ISSN [ONLINE]: 2395-1052
78	Sawant-Patil Supriya Tulshihaar	International Journal of Computer Science and Network	International Journal of Computer Science and Network	Volume 6, Issue 3, June 2017 & 5	2017	ISSN (Online) : 2277-5420 / ISSN (Online) : 2277-5420
79	Sawant-Patil Supriya Tulshihaar	Big Data Analytics Based Approach to Tax Evasion	International Journal of Engineering Research in Computer Science anInternational Journal of Engineering Research in Computer Science and Engineeringd Engineering	5 & 4	2018	ISSN (Online) 2394-2320 / ISSN (Online) 2394-2320



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80	Patil Rashmi Vishal	Rasberry-Pi Based Wireless Electric Board	International Research Journal of Engineering and Technology	4 & 1216	2017	2395 -0056 / 2395 -0056
81	Nanajkar Jyotsna Amit	Navigation System for Blind People	IJMETMR	4 & 6	2017	- / 2348-4845
82	Nanajkar Jyotsna Amit	Car Black Box system using FPGA	IJSART	4 & 2	2018	- / 2395-1052
83	Nanajkar Jyotsna Amit	Segregation of RFID Tags	IJSRD	6 & 2	2018	- / 2321-0613
84	Nanajkar Jyotsna Amit	Content Based image retrieval using K-means clustering algorithm in JAVA	IJCRT	6 & 5	2018	- / 2320-2882
85	Nanajkar Jyotsna Amit	Label Recognition with Audio Output For Blind People	IJSRD	5 & 3	2017	- / 2321 0613
86	Pate Poonam Vyankatrao	Voice Based Email Application For blind/Visually Impaired people	IJARIE	3 & 6	2017	NA / 2395-4396
87	Pate Poonam Vyankatrao	A Survey on Automated System for Brain Tumor Detection and Segmentation	IJIRCE	4 & 6	2017	NA / 2320-9798
88	Pate Poonam Vyankatrao	Brain Tumor Automated Detection and Segmentation	IJRSET	6 & 5	2017	NA / 2319-8753
89	Pate Poonam Vyankatrao	Secure and Scalable Video Transmission	IJARIE	3 & 5	2017	NA / 2395-4396
90	Alappanavar Pankaja Bhupal	CODE EVALUATION AND SUGGESTION SYSTEM	IERJ	3 & 737	2017	2454-9916 / 2454-9916
91	Alappanavar Pankaja Bhupal	Improving Probability of winning Elections	IJRASET	6 & 806	2018	- / 2321-9653
92	Alappanavar Pankaja Bhupal	Student Academic Performance Prediction using Machine Learning and Data Mining Techniques	IJCSMC	6 & 301	2017	2320-088X / 2320-088X
93	Alappanavar Pankaja Bhupal	Review on Student Academic Performance Prediction using Data Mining Techniques	IJARCCE	6 & 301	2017	2278-1021 / 2319 5940
94	Alappanavar Pankaja Bhupal	A Literature Survey on Automatic Evaluation of Computer Programs	IJARCCE	6 & 280	2017	ISSN (Print) 2319 5940 / 2278 -1021



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95	Shah Suyog Sanjay	Android Based Monitoring & Controlling of Home Appliances Through Power Grid	IRJET	4 & 3	2017	- / 23950072
96	Shah Suyog Sanjay	IOT Based industrial SCADA System	IRJET	4 & 4	2017	- / 23950072
97	SHAH SUYOG SANJAY	Smart Voting System Using Raspberry Pi	IERJ	- & 5	2018	- / -
98	Shah Suyog Sanjay	Smart Street Light System with Energy Saving Function	IJSRD	06 & 4	2018	- / 2321-0613
99	Pawar Poonam Yogesh	Analysis and Solutions for Bug	International Journal of Advanced Research in Computer and Communication Engineering	6 & 3	2017	-- / 2319 5940
100	Pawar Poonam Yogesh	Securing Online Transaction using Visual Cryptography	International Journal of Advanced Research in Computer and Communication Engineering	7 & 4	2018	- / 2278-1021
101	Pawar Poonam Yogesh	Depression Detection using BDI, Speech Recognition and Facial Recognition- Resul	ierjournal	- & 8	2018	- / 2395-1621
102	Parvat Swati Madhav	Classification of traffic based on ports in computer network	MIM Management research journal	VOI-1/issue1/Jan2017 & 9	2017	2277-6133 / 2277-6133
103	Shinde Archana Sandip	IOT based Home Automation using Raspberry Pi with Doorbell Security	International Research Journal of Engineering and Technology	Volume: 04 & 4	2017	Volume: 04 Issue: 05   May -2017 / 2395 - 0056
104	Shinde Archana Sandip	E-Cupboard System: Review on Digital License Generation using Fingerprint Authentication	International Journal of Computer Applications	Volume 165 – & 5	2017	Volume 165 – No.12 / (0975 – 8887)
105	Chaudhary Manoj Kumar	Simulation of Micro Wind Turbine Blade in QBlade	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	5 & 7	2017	2321-9653 / 2321-9653
106	Bangare Sunil Limchand	Implementation for brain tumor detection and three dimensional visualization model development for reconstruction	ARPJ Journal of Engineering and Applied Sciences	13 & 7	2018	1819-6608 / 1819-6608



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107	Bangare Sunil Limchand	Regenerative Pixel Mode and Tumor Locus Algorithm Development for Brain Tumor Analysis - A New Computational Technique for Precise Medical Imaging	International Journal of Biomedical Engineering and Technology	27 & 10	2018	10.1504/IJBET.2018.093087 / 1752-6426
108	Bangare Sunil Limchand	Implementation of Fabric Fault Detection System Using Image Processing	International Journal of Research in Advent Technology	5 & 4	2017	2321-9637 / 2321-9637
109	Bangare Sunil Limchand, Pradeepini G.	Neuroendoscopy Adapter Module Development for Better Brain Tumor Image Visualization	International Journal of Electrical and Computer Engineering	7 & 11	2017	2088-8708 / 2088-8708
110	Bangare Sunil Limchand	Fabric Fault Detection using Image Processing Method	International Journal of Advanced Research in Computer and Communication Engineering	6 & 4	2017	NA / 2278-1021
111	Godse Sachin Pandurang	Rising Issues in VANET Communication and Security: A state of art survey	International Journal of Advanced Computer Science and Applications (IJACSA)	Volume 8 No 9 September 2017 & 8	2017	Maharashtra / Maharashtra
112	Ramdasi Ashish Purushottam	EFFECTIVE CURRENCY NOTE TO COIN CONVERSION SYSTEM USING IMAGE PROCESSING	IJARIE	3 & 6	2017	2395-4396 / 2395-4396
113	Thakare Bhushan Shrikrushna	Detection and Rectification of Distorted Fingerprints Paper 2017	International Engineering Research Journal	2 & 1	2017	2395-1621 / 2395-1621
114	Thakare Bhushan Shrikrushna	A survey of voice detection and recognition algorithms	International Journal of Advance Engineering and Research Development	4 & 550	2017	2348-4470 / 2348-4470
115	Thakare Bhushan Shrikrushna	Look Based Media Player	International Journal of Computer Science and Network	6 & 392	2017	2277-5420 / 2277-5420
116	Gite Balasaheb Baburao	Brain Tumor Segmentation Using Fuzzy C-Means and K-Means Clustering and Its Area Calculation and Disease Prediction Using Naive-Bayes Algorithm	IJRSET	6 & 2	2017	2319 / 2347



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117	Gite Balasaheb Baburao	E-Voting: Using NFC	International Engineering Research Journal (IERJ)	2 & 2293	2017	1621 / 2395
118	Gite Balasaheb Baburao	Solving CAPTCHAs Automatically for Web Crawling	IJARIE	3 & 2429	2017	4396 / 2395
119	Gite Balasaheb Baburao	Indoor Navigation Using LIFI	IJARCCCE	6 & 412	2017	1021 / 5940
120	Gite Balasaheb Baburao	A New Location Based Mechanism for Indoor Environments	IJARCCCE	6 & 2	2017	1021 / 5940
121	Nivangune Mahendra Kisan	FRUIT QUALITY DETECTION USING IMAGE PROCESSING TECHNIQUE	International Engineering Research Journal (IERJ),	Volume 2 & 4	2017	- / ISSN 2395-1621
122	Nivangune Mahendra Kisan	Securing cloud from Intrusion attacks using IDS in virtual machine environment	International Journal of Advance Research in Computer and Communication Engineering	7 & 6	2018	23195940 / 22781021
123	Gaikwad Kaustubh Manikrao	Design and Implementation of Digital Cheybshev Type I filter using XSG for Noise Reduction in ECG Signal	International Journal of Computer Applications	Volume 179 & 5	2018	NO / (0975 – 8887)
124	Gaikwad Kaustubh Manikrao	Elliptic Filter Implementation using Xilinx system Generator for Processing of ECG Signal	Communications on Applied Electronics (CAE)	Volume 7 & 5	2018	NO / 2394-4714
125	Gaikwad Kaustubh Manikrao	Design and Implementation of Digital Butterworth IIR filter using Xilinx System Generator for noise reduction in ECG Signal	WSEAS TRANSACTIONS on ELECTRONICS	Volume 8 & 5	2017	No / E-ISSN: 2415-1513
126	Dhumansure Vishalkumar Kashappa	STRUCTURAL MODIFICATIONS IN DIESEL ENGINE COMPONENTS TO REDUCE NOISE	IJMET	9 & 7	2018	067-1073 / 0976-6359



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127	Dhummansure Vishalkumar Kashappa	CAM PROFILE OPTIMISATION OF SINGLE CYLINDER DIESEL ENGINE TO REDUCE NOISE AND VIBRATION	IJMPERD	8 & 12	2018	759-770 / 2249-8001
128	Yawle Rajesh Uttamrao	Eye Gaze Tracking System	IRJET	04 & 4	2017	2395-0056 / 2395-0072
129	Yawle Rajesh Uttamrao	Automatic Real Time system for traffic security and violation detection	IJTSRD	02 & 6	2018	2456-6470 / 2456-6470
130	Londhe Tanisha Sanjaykumar	Raspberry Pi based Smart Toll Collecting System	International Research Journal of Engineering and Technology(IRJET)	04 & 1	2017	2395-0056 / 2395-0072
131	Londhe Tanisha Sanjaykumar	Personal Authentication System for Illegal Usage of Arms	International Journal of Advanced Research in Computer and Communication Engineering	6 & 4	2017	2276-1071 / 2319-5840
132	Gayal Baliram Sambhaji	Reflective Optical Programmable Encoder in Thumb Size	Asian Journal of Convergence in Technology	Volume III & 3	2017	--- / 2350-1146
133	Patil Sangram Rajaram	DESIGN AND ANALYSIS OF HYDRAULICALLY OPERATED DUMPER PLACER ARM FOR GARBAGE COMPACTOR	MECHPGCON 2017	7	2017	NA / NA
134	Patil Sangram Rajaram	EMISSION DEVELOPMENT ON SIX CYLINDER DIESEL ENGINE TO ACHIVE CPCB-II EMISSION NORMS WITH MECHANICAL FIE SYSTEMS	MECHPGCON 2017	7	2017	NA / NA
135	Shilwant Somshekhar Chandrashekhar	Modal Analysis for Mechanical Designs - A Review	PGCON	8	2017	xxx /
136	Shilwant Somshekhar Chandrashekhar	Aerodynamic Development of a Formula SAE car: Initial Design Stage	Mech PGCON2017	7	2017	xxx /



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137	Shilwant Somshekhar Chandrashekhar, Patil Supriya	Design and stress behavior analysis of Cab tilting arrangement of crane cab assembly	Post Graduate Conference of Mechanical Engineering	8	2017	xxx /
138	Shilwant Somshekhar Chandrashekhar	Investigation of Effect of Ply Orientation on Tensile Characteristics of Jute Fiber Composite”	PGCON	8	2017	xxx /
139	Gawande Ramesh Janardhanrao	DECISION SUPPORT SYSTEM FOR MATERIAL SELECTION USING VIKOR METHOD	International Journal of Research In Science & Engineering	5	2017	ISSN: 2394-8299 / ISSN: 2394-8280
140	Shinde Tarang Ramrao	Evolution of Tertiary carbides and its influence on wear behavior, surface roughness and fatigue limit of die steels	Proceedings of Fatigue, Durability and Fracture Mechanics	24	2017	978-981-10-6001-4 / 2195-4356
141	Shamkuwar Sonal Chandrakant	Critical study on Rotary Fluidized Bed as Diesel Particulate Filter using SiC as Particles	Materials Today Proceedings	7	2017	2214-7853 / 2214-7853
142	Pawara Sona Ratilal	Early detection of Pomegranate disease using Machine learning and IoT	I2CT	5	2018	978-1-5386-4273-3 /
143	Pawara Sona Ratilal	hETEROGENEOUS HEALTH MONITORING SYSTEM USING XMPP - DESIGN AND IMPLEMENTATION	ICECCT	5	2017	978-1-5090-3239-6 /
144	Pawara Sona Ratilal	Remote Monitoring of Waters Quality from Reservoirs	2017 2nd International Conference for Convergence in Technology (I2CT)	4	2017	978-1-5090-4307-1 /
145	Bangare Pallavi Sunil	Detection of human feature in abandoned object with modern security alert system using Android Application	2017 International Conference on Emerging Trends & Innovation in ICT (ICEI)	4	2017	978-1-5090-3404-8 / 978-1-5090-3404-8
146	Pawar Sheshnarayan Siddheshwar	Detection & Prevention measures for & Cyber Bullying Online Grooming,	Detection & Prevention measures for & Cyber Bullying Online Grooming,	4	2017	978-1-5090-4714-7 / 978-1-5090-4714-7



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147	Patil Chandrashekhar Gangadhar	A New Approach for Automatic Face Emotion Recognition and Classification Based on Deep Networks	3rd International Conference on Computing, Communication, Control and Automation- 2017	5	2017	In process /
148	Bharate Vishal	Emotion Recognition of Optimized Features by using various distances in KNN Classification and customized SVM Classification of Facial Expressions	ICCUBEA	4	2017	0 / 0
149	Pawar Vikramsinh Tanajirao	Automotive Buzz,Squeak and rattle(BSR)detection and prevention	INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING AND TECHNOLOGY	100	2017	- / -
150	Shinde Jayashree Pratap	High efficiency Electrical Power Supply System for Satellite	Proceedings of the 2nd International Conference on Inventive Computation Technologies ( ICICT 2017)	7	2017	978-1-5090-6697-1 / NA
151	Shinde Jayashree Pratap	A CPW-fed Hexagonal Meander Antenna for Circular Polarization	International Conference on Computing, Communication, Control and Automation, Pune, India	4	2018	978-1-5386-5257-2/18; doi pending / NA
152	Shinde Jayashree Pratap	Circularly Polarized Meandered Rotated Square Microstrip Antenna for Multiband Applications	International Conference on Computing, Communication, Control and Automation, Pune, India	4	2018	978-1-5386-5257-2/18; doi pending / NA
153	Kakkeri Roopa Basawaraj	Title: Analysis And Classification Of Emg Signal For Controlled Multifunctional Prosthetic hand	ICICT2017	5	2017	978-15090-6697-1/17 /
154	Kakkeri Roopa Basawaraj	Analysis and Classification of EMG signal for controlled Multifunctional Prosthetic arm	ICICT2017	4	2017	978-1-5090-6697-1 /
155	Sonawane Parshuram Mahipati	Experimental Investigation of Optimum level of Reinforcements within 6061Al Alloy for better Tribological and Mechanical Properties	5th International Conference of Materials Processing and Characterization (ICMPC 2016)	10	2017	<a href="https://doi.org/10.1016/j.matpr.2017.02.215">https://doi.org/10.1016/j.matpr.2017.02.215</a> /



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156	Parvat Swati Madhav	Classification of traffic based on ports in computer network	International conference on emerging economics: opportunities and challenges	12	2017	2277-6133 / 2277-6133
157	Bangare Sunil Limchand	Detection of Alzheimer's Disease from MRI using Convolutional Neural Network with Tensorflow and CuDNN	IEEE EECMC 2018	4	2018	978-1-5386-4303-7 / 978-1-5386-4303-7
158	Bangare Sunil Limchand	Brain Tumor Classification using Mixed Method Approach	IEEE 5th International Conference on Communication and Embedded Systems (ICICES2017)	5	2017	NA / NA
159	Bangare Sunil Limchand	Detection of Human Feature in Abandoned Object with Modern Security Alert System using Android Application	IEEE International Conference On Emerging Trends & Innovation in ICT (ICEI-2017),	7	2017	17029176 / 17029176
160	Bangare Sunil Limchand	Brian Tumor Classification using Support Vector Machine: A Review	National Conference on Recent Advances in Computing Sciences (NCCS)	5	2017	NA / NA
161	Bangare Sunil Limchand	Feature Extraction and Brain Tumor Classification using Fuzy Min Max Neural Network from MRI	IEEE EECMC 2018	4	2017	978-1-5386-4303-7 / 978-1-5386-4303-7
162	Godse Sachin Pandurang	Time Efficient and Attack Resistant Authentication Schemes in VANET	Intelligent Computing and Information and Communication Proceedings of 2nd International Conference, ICICC 2017	8	2017	ISBN 978-981-10-7244-4 / ISSN 2194-5357
163	Ramdasi Ashish Purushottam	Online Location Recommendation Syatem	Online Location Recommendation Syatem	3	2017	0975 8887 / 0975 8887
164	Bankar Sanket Anil	Foot Device for Women Security	International Conference on Intelligent Computing and Control Systems	3	2018	IEEE Xplore - 978-1-5386-2842-3 /
165	Gite Balasaheb Baburao	Surveying Various Genetic Programming (GP) Approaches to Forecast Real-Time Trends & Prices in the Stock Market	Computing Conference 2017	4	2017	978 / 5090
166	Patil Minakshee Mangesh	CLINICAL DEPRESSION DETECTION IN ADOLESCENT BY FACE	INTERNATIONAL CONFERENCE ON SMART CITY & EMERGING TECHNOLOGIES-2018	5	2018	991-5378-9 /



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167	Dhummansure Vishalkumar Kashappa	Noise Reduction of Engine Structural Components by FEM-BEM Approach	IJAER	162	2018	0973-4562 / 0973-4562
168	Yawle Rajesh Uttamrao	Detection of human feature in abandoned object	ICEI-2017	8	2017	2017 / 2017
169	Yawle Rajesh Uttamrao	Design and Development of Vehicle tracking and monitoring system	ICET	4	2017	3243-7 /

**8. Research Projects/Schemes Undertaken by Teachers (2017-2018)**

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	PATIL MINAKSHEE M	Engineering	Text to Speech Synthesis for Marathi using Syllabl	BCUD	06/06/2012-06/06/2014	300000	Major

**9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2017-2018)**

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	26	13	3

**10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2017-2018)**

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

**11. Grants Sanction for Funding Agency (2017-2018)**

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	3	1



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12. Faculty Wise Enrollment Of Students (2017-2018)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
	MALE	302	60	7	11	0	13	21	12	144	12	0	582
	TOTAL	400	78	8	13	0	17	25	14	181	15	0	751

13. Statistical Information about Teacher for Academic Year (2017-2018)									
Sr.No.	Category	Granted			Non Granted			Total	
		Male	Female	Total	Male	Female	Total		
1	DT(A)	1	0	1	0	0	0		
2	NT(B)	0	1	1	2	0	2		
3	NT(C)	2	0	2	2	0	2		
4	NT(D)	0	1	1	2	0	2		
5	OBC	8	4	12	5	5	10		
6	OPEN	6	12	18	25	9	34		
Date :	SBC	1	0	1	1	0	1		
Place :	SC	4	1	5	7	3	10		
9	ST	0	1	1	0	1	1		
	<b>Total</b>	<b>22</b>	<b>20</b>	<b>42</b>	<b>44</b>	<b>18</b>	<b>62</b>		

Signature  
HOD/Principal/Director  
1  
63  
PRINCIPAL  
SINHGAD ACADEMY OF ENGINEERING  
S. No. 40, Kondhwa - Saswad Road,  
Kondhwa (Bk), Pune - 411048  
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