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Savitribai Phule Pune University
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College Details

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

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

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Shilwant Somshekhar Chandrashekhar	Metrology and Quality Control	Nirali	2017	978-93-5164-133-9 /
2	Sollapur Shrishail Basaprabhu	Theory of Machine-I	Nirali Publication	2017	. / N3543
3	Sollapur Shrishail Basaprabhu	FINITE ELEMENT ANALYSIS	Nirali	2016	978-93-5164-844-0 /
4	Sollapur Shrishail Basaprabhu	MACHINE DESIGN AND INDUSTRIAL DRAFTING	Nirali	2016	979-93-5164-888-8 /
5	Sollapur Shrishail Basaprabhu	MECHANICAL SYSTEM DESIGN	Nirali	2016	978-93-5164-882-6 /
6	Sasane Santosh Bhausaheb	Engineering Physics	TechKnowledge	2016	-- / --
7	Pawar Vikramsinh Tanajirao	FINITE ELEMENT ANALYSIS AND SIMULATION TECHNIQUES	Nirali prakashan	2016	N 5140 /
8	Pawar Vikram Tanajirao	FINITE ELEMENT ANALYSIS	Nirali Prakashan	2016	978-93-5164-884-0 /
9	Godse Sachin Pandurang	Principle of Programming Languages	Nirali Prakashan	2016	978-93-86353-01-6 /
10	Chanchlani Akshita Sparshneel	THEORY OF COMPUTATION	NIRALI PRAKASHAN	2017	9386700085 / 0
11	Borse Rushikesh Prakash	Automatic Agriculture Spraying Robot with Smart Decision Making	Springer International Publishing AG 2016	2016	978-3-319-47952-1 / 978-3-319-47951-4
12	Bangare Sunil Limchand	Review of Otsu's method for Image Thresholding	RIP	2017	978-93-84443-48-1 / 978-93-84443-48-1



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6. No.of Conference, Symposia, Seminars,Workshops etc. Organized (2016-2017)						
Sr. No.	No. of State Level	No. of National Level		No. of International Level		
1	NA	NA		NA		
7. Research Publications in National and International Journals/Edited Books/Proceedings (2016-2017)						
Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Sharma Nakul Satpaul	Software Engineering and Natural Language Processing - How Can they be Together ?	International Journal of Software Engineering and its Application	10 & 8	2016	- / 738 - 9984
2	Bharate Vishal Devidas	EEG Based Epileptic Seizure Detection	International Journal of Engineering Trends and Technology (IJETT)	33 & 5	2016	0 / 2231-5381
3	Thorat Manoj Vijay	Cost Overrun Assessment Model in Highway Construction Projects using Fuzzy uncertainty Analysis	International Journal of Engineering Research and Technology	6 & 7	2017	IJERTV6IS040490 / 2278-0181
4	Shinde Pratap Nivrutti	M-shape electromagnetic-bandgap structures for enhancement in antenna performance	AEU Elsevier International Journal of Electronics and Communications	70 & 8	2016	1434-8411 / 1434-8411
5	Shinde Jayashree Pratap,Shinde Pratap Nivrutti	M-shape electromagnetic-bandgap structures for enhancement in antenna performance	Elsevier Publications, AEU - International Journal of Electronics and Communications	70 & 8	2016	doi:10.1016/j.aeue.2016.03.012 / NA
6	Sardeshmukh Mhalsakant Mohanrao	Performance Analysis of human detection and tracking system in changing Illumination	Advances in intelligent Systems and Computing	1 & 10	2016	978-3-319-47952-1 / -
7	Kakkeri Roopa Basawaraj	Diabetic retinopathy	International journal of innovative technology and exploring Engg(IJITEE)	5 & 4	2016	2278-3075 / 2278-3075
8	Kakkeri Roopa Basawaraj	NFC based Super secure Bike	IRJET	4 & 4	2017	2395-0072 / 2395-0056
9	Naikwadi Mudassar Husain	A Review on the Evolution of Eigenvalue Based Spectrum Sensing Algorithms for Cognitive Radio	Network Protocols and Algorithms	Vol. 8 & 20	2016	1943-3581 / 1943-3581



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10	Patil Rashmi Vishal	Rasberry-Pi Based Wireless Electric Board	International Research Journal of Engineering and Technology	4 & 1216	2017	2395 -0056 / 2395 -0056
11	Phule Suvarna Satyen	Automatic Sensor Based Car	IRJET	04 & 5	2017	p-23950072 / e-2395-0056
12	Phule Suvarna Satyen	An FPGA Chip Identification Generator using Configurable Ring Oscillator	SSRG-IJECE	3 & 5	2016	2348-8352 / 2348-8352
13	Phule Suvarna Satyen	Smart Grid System using web of Things	IJARIE	02 & 6	2017	2395-4396 / 2395-4396
14	Pate Poonam Vyankatrao	Secure And Scalable Video Transmission	GAJET	5 & 0	2016	NA / 2277-6370
15	Pate Poonam Vyankatrao	Voice Based Email Application For blind/Visually Impaired people	IJARIE	3 & 6	2017	NA / 2395-4396
16	Pate Poonam Vyankatrao	A Survey on Automated System for Brain Tumor Detection and Segmentation	IJIRCCCE	4 & 6	2017	NA / 2320-9798
17	Pate Poonam Vyankatrao	Brain Tumor Automated Detection and Segmentation	IJIRSET	6 & 5	2017	NA / 2319-8753
18	Pate Poonam Vyankatrao	Secure and Scalable Video Transmission	IJARIE	3 & 5	2017	NA / 2395-4396
19	Alappanavar Pankaja Bhupal	CODE EVALUATION AND SUGGESTION SYSTEM	IERJ	3 & 737	2017	2454-9916 / 2454-9916
20	Alappanavar Pankaja Bhupal	Student Academic Performance Prediction using Machine Learning and Data Mining Techniques	IJCSCMC	6 & 301	2017	2320-088X / 2320-088X
21	Alappanavar Pankaja Bhupal	Extraction of Agricultural Elements Using Unsupervised Learning	IJARCSSE	6 & 3	2016	2277 128X / 2277 128X
22	Alappanavar Pankaja Bhupal	Review on Student Academic Performance Prediction using Data Mining Techniques	IJARCCCE	6 & 301	2017	2278-1021 / 2319 5940
23	Alappanavar Pankaja Bhupal	A Literature Survey on Automatic Evaluation of Computer Programs	IJARCCCE	6 & 280	2017	ISSN (Print) 2319 5940 / 2278 -1021



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24	Vasekar Sukhadeo Santram	Heat Transfer Augmentation by Multijet Air Impingement on Dimpled Heat Sink	International Journal of Thermal Technologies	Vol.6, (Sept 2016) & 3	2016	NA / E-ISSN 2277 – 4114
25	Jadhav Nilam Pandurang	A REVIEW PAPER ON EFFECT OF INTAKE MANIFOLD GEOMETRY ON PERFORMANCE OF IC ENGINE	IJARIE	2 & 6	2016	NA / 2395-4396
26	Dewalkar Snehal Viththal	317 P a g e ROLE OF PROJECT MANAGEMENT CONSULTANCY IN CONSTRUCTION	International Journal of Technical Research and Applications	Volume4 & 4	2016	2320-8163 / 2320-8163
27	Sanap Madhura Eknath	Land Investment Analysis Using Big Data	IJARIE	3 & 5	2017	2395-4396 / 2395-4396
28	Sanap Madhura Eknath	On the Security of Trustee-Based Social Authentications	IJSTE	2 & 4	2017	2349-784X / 2349-784X
29	Sanap Madhura Eknath	E-learning Recommendation System using Fuzzy logic and Ontology	IJARCET	5 & 2	2016	2278 – 1323 / 2278 – 1323
30	Sanap Madhura Eknath	Automatic Signal Scheduling For Efficient Traffic Management	ijrdt	5 & 4	2016	2349-3585 / 2349-3585
31	Patil Sangram Rajaram	Investigation and Development of Liquid Flat Plate Solar Collector using Concrete as Absorber Plate and its Performance Testing	International Journal of Renewable Energy Research-IJRER	6 & 9	2016	NA / 1309-0127
32	Jain Ruchi Atul	A survey on Red Lesion Detection in Diabetic Retinopathy Affected Fundus Images	IRD INDIA	5 & 2	2017	2347-2820 / 2347-2820
33	Jain Ruchi Atul	Women's Safety using IOT	IRJET	04 & 2	2017	p-23950072 / e-2395-0056
34	Shilwant Somshekar Chandrashekar	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



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35	Mane Prajit Ashok	“A Critical Review: Application of Epoxy-Non Metal Composite Material for Automobile Propeller Shaft”	ADVANCES IN MECHANICAL ENGINEERING	3 & 367	2016	2394-1588 / 2393-8021
36	Rathod Suresh Baliram	NDynamic Framework for Secure VM Migration over Cloud Computing	JIPS	13 & 14	2017	1976-913X / 1976-913X
37	Sollapur Shrishail Basaprabhu	Investigation of Residual Stresses in Welding and its Effect on Mechanical Behavior of Stainless Steel 310	Journal for Research	02 & 6	2016	. / 2395-7549
38	Kamat Durgaprasad Kamalakar	Heart Rate Detection Using Bio-impedance Measurement	International Journal of Innovative Research in Computer and Communication Engineering	4 & 7	2016	PRINT (2320-9798) / ISSN ONLINE(2320 -9801)
39	Jadhav Nilam Pandurang	Effect of variable length intake manifold on performance of IC engine	International Journal of Current Engineering and Technology	Special Issue & 5	2016	NA / 2347-5161
40	Shah Suyog Sanjay	RFID based automatic billing trolley	IJSRD	4 & 4	2016	- / 23210613
41	Shah Suyog Sanjay	Android Based Monitoring & Controlling of Home Appliances Through Power Grid	IRJET	4 & 3	2017	- / 23950072
42	Shah Suyog Sanjay	IOT Based industrial SCADA System	IRJET	4 & 4	2017	- / 23950072
43	Shah Suyog Sanjay	Landslide Detection & warning System using WNS	IRJET	03 & 4	2016	- / 23950072
44	Pawar Sachin Bhaskarrao	DESIGN AND IMPLEMENTATION OF MICROSTRIP CIRCULAR PATCH ANTENNA FOR RFID APPLICATION	ICGTETM	55 & 5	2016	22315381 / 2231-5381
45	Pawar Poonam Yogesh	Analysis and Solutions for Bug	International Journal of Advanced Research in Computer and Communication Engineering	6 & 3	2017	-- / 2319 5940



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46	Pawar Poonam Yogesh	Load Balancing With Third Party Auditor	International Engineering Research Journal (IERJ)	2 & 5	2016	-- / 2395-1621
47	Pawar Poonam Yogesh	Stock Market Forecasting using Hybrid Methodology	Imperial Journal of Interdisciplinary Research (IJIR)	2 & 5	2016	-- / 2454-1362
48	Joshi Madhura Sunil	EFFECT OF FINES ON LIQUEFACTION USING SHAKE TABLE TEST	IJRET: International Journal of Research in Engineering and Technology	Volume: 05 & 5	2016	pISSN: 2321-7308 / eISSN: 2319-1163
49	Maind(khedkar) Priyanka Ganesh	comparative study of conventional column ,Duplex steel and conventional Steel in Tapered CFST column under axial and eccentric loading	ijsdr	1 & 7	2016	0 / 2455-2631
50	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
51	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
52	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)
53	Shinde Archana Sandip	Analysis and Identification of Polyp Using Color Colon Images.	Imperial Journal of Interdisciplinary Research (IJIR)	Vol-2, Issue-6, 2016 & 5	2016	Vol-2, Issue-6, 2016 / ISSN: 2454-1362
54	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
55	Bangare Sunil Limchand	Using Node. Js to Build High Speed and Scalable Backend Database Server	International Journal of Research in Advent Technology Special Issue National Conference “NCPCI-2016”, 19 March 2016	2016 & 4	2016	nil / 2321-9637
56	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



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57	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
58	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
59	Shabad Muzaffar A.rahim	Credit card fraud detection at merchant side using neural networks	IEEE Conference Publications	16 march & 4	2016	978-93-80544-20-5 / 0973-7529
60	Ramdasi Ashish Purushottam	EFFECTIVE CURRENCY NOTE TO COIN CONVERSION SYSTEM USING IMAGE PROCESSING	IJARIE	3 & 6	2017	2395-4396 / 2395-4396
61	Ramdasi Ashish Purushottam	Stock Market Prediction Using Time Series	IJRITCC	4 & 3	2016	2321-8169 / 2321-8169
62	Deshmukh Hemant	Signature Verification Techniques_State of Art Survey	International Journal of Control Theory and Applications	9 & 1	2016	0974-5572 / 0974-5572
63	Thakare Bhushan Shrikrushna	Handwritten Signatures: An Understanding	International Journal of Computer Applications	139 & 21	2016	0975 – 8887 / 0975 – 8887
64	Thakare Bhushan Shrikrushna	Detection and Rectification of Distorted Fingerprints Paper 2017	International Engineering Research Journal	2 & 1	2017	2395-1621 / 2395-1621
65	Thakare Bhushan Shrikrushna	Image Extraction Processing Methodologies	International Journal for Scientific Research & Development	4 & 760	2016	2321-0613 / 2321-0613
66	Thakare Bhushan ,Pawar Akshay ,Swami Omkar ,Raut Mandar ,Tapkir Kunal	Online Auction Systems State of Art Survey 2016	International Journal of Control Theory and Applications	9 & 515	2016	0974-5572 / 0974-5572
67	Thakare Bhushan Shrikrushna	Detection of Distorted Fingerprints Survey Paper 2016	International Journal of Control Theory and Applications	9 & 527	2016	0974-5572 / 0974-5572
68	Thakare Bhushan Shrikrushna	Online Recommendation Systems State of Art Survey 2016	International Journal of Control Theory and Applications	9 & 521	2016	0974-5572 / 0974-5572



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69	Thakare Bhushan Shrikrushna	Applications of Artificial Intelligence in Financial Markets	International Journal of Engineering Trends and Technology	3 & 6021	2016	2350-0808 / 2350-0808
70	Thakare Bhushan Shrikrushna	A Survey of Secure Intrusion Detection Systems for MANET	International Journal of Engineering Trends and Technology	3 & 6085	2016	2350-0808 / 2350-0808
71	Thakare Bhushan Shrikrushna	Securing Files of Computer & Mobile Phone using Symmetric Key Algorithm & Bluetooth Enabled Phone	Imperial Journal of Interdisciplinary Research	2 & 41	2016	2454-1362 / 2454-1362
72	Thakare Bhushan Shrikrushna	Access Control Application using Android Smartphone, Arduino and Bluetooth	International Journal of Computer Applications	142 & 16	2016	0975 – 8887 / 0975 – 8887
73	Thakare Bhushan Shrikrushna	Recommendation System Application using Naïve Bayes' Algorithm	International Journal of Innovative Research in Technology	3 & 12	2016	2349-6002 / 2349-6002
74	Thakare Bhushan Shrikrushna	Intelligent Scheduling and Analysis of Public Transport Using Supervised Machine Learning	International Journal of Advanced Research	4 & 1701	2016	2320-5407 / 2320-5407
75	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
76	Thakare Bhushan Shrikrushna	Look Based Media Player	International Journal of Computer Science and Network	6 & 392	2017	2277-5420 / 2277-5420
77	Thakare Bhushan Shrikrushna	Survey on Rectification of Distorted Fingerprints 2016	International Journal of Control Theory and Applications	9 & 537	2016	0974-5572 / 0974-5572
78	Gite Balasaheb B	Political Visualization for Analysis and Extraction of Information	International Journal of Science Technology and Engineering	2 & 183	2016	- / 2349-784X
79	Gite Balasaheb Baburao	Privacy Preserving and Content Protecting Location Based Queries	International Journal of Advanced Research in Computer Science and Software Engineering	6 & 703	2016	2016 / 2277
80	Gite Balasaheb Baburao	E-Voting: Using NFC	International Engineering Research Journal (IERJ)	2 & 2293	2017	1621 / 2395
81	Gite Balasaheb Baburao	Solving CAPTCHAs Automatically for Web Crawling	IJARIE	3 & 2429	2017	4396 / 2395



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82	Gite Balasaheb Baburao	Implementation on Intrusion Detection System Using Virtual Nodes	International Engineering Research Journal (IERJ)	2 & 4	2016	1621 / 2395
83	Gite Balasaheb Baburao	Bridging Gap Between Education and Industry	International Journal of Advance Engineering and Research	3 & 171	2016	- / 2348-6406
84	Gite Balasaheb Baburao	Privacy Preserving and Content Protecting Location Based Queries	International Journal of Advanced Research in Computer Science and Software Engineering	6 & 703	2016	- / 2277 128X
85	Nivangune Mahendra Kisan	FRUIT QUALITY DETECTION USING IMAGE PROCESSING TECHNIQUE	International Engineering Research Journal (IERJ),	Volume 2 & 4	2017	- / ISSN 2395-1621
86	Nivangune Mahendra Kisan	Secured Online Voting System over the Network	International Engineering Research Journal	Volume 2 & 4	2016	- / ISSN 2395-1621
87	Hattarge Arun Mohanrao	Automatic 2D- to -3D Image and Video change	International Research Journal of Engineering and Technology	3 & 4	2016	NA / 2395 -0056
88	Hattarge Arun Mohanrao	Automatic Lane Clearance System For Emergency Vehicles	International Journal of Innovative Research in Science, Engineering and Technology	5 & 5	2016	NA / 2319 - 8753
89	Hattarge Arun Mohanrao	User Friendly Virtual Clothes System Based on Simulation and Visualization using RGBD Camera	International Journal for Modern trends in science and Technology	2 & 4	2016	NA / 2455-3778
90	Dharmadhikari Nandkumar Popatrao	Hypothesis of Origin of Geoelectromagnetic FieldSignal: A Review	International Journal of Advanced Research in Basic and Applied Sciences	3 & 23	2016	0 / 2394-4072
91	Yawle Rajesh Uttamrao	An Automated Approach for Plant Health Using Smart Phone	CIIT International Journal of Digital Image Processing	8 & 6	2016	- / 0974-9586
92	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
93	Londhe Tanisha Sanjaykumar	Personal Authentication System forIllegal Usage of Arns	International Journal of Advanced Research in Computer and Communication Engineering	6 & 4	2017	2276-1071 / 2319-5840
94	Patil Kishor Puna	Validation of Beta distribution for spectrum usage using Kolmogorov Smirnov Test	International Journal of Computer Applications	144 & 4	2016	973-93-80893-55-6 / 0975-8887



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95	Patil Kishor Puna	A review on the evaluation of Eigen value based spectrum sensing algorithms for cognitive radio.	International Journal of Networks Protocols and Algorithms	8 & 24	2016	1943-3581 / 1943-3581
96	Chanchlani Akshita Sparshneel	of Classification algorithms for Brain MRI images	International Research Journal of Engineering and Technology (IRJET)	4 & 4	2017	2395 -0056 / 2395-0072
97	Chanchlani Akshita Sparshneel	Big Data and Cloud related Healthcare System	Internation Journal Of Advance Research And Innovative Ideas In Education (IJARIE)	2 & 4	2017	0 / 2395-4396
98	Chanchlani Akshita Sparshneel	Tumor detection in brain MRI using clustering and segmentation algorithm	International journal of advance research and innovative ideas in education (IJARIE)	3 & 4	2017	0 / 2395-4396
99	Kamat Durgaprasad Kamalakar	Human Body Hydration Measurement using Bio-Impedance Technique	International Journal For Research In Emerging Science And Technology	3 & 4	2016	2349-7610 / 2349-7610
100	Kamat Durgaprasad Kamalakar	Various Methods for Analysis of Skin Diseases	International Journal of Advanced Research in Computer and Communication Engineering	4 & 3	2016	2278-1021 / 2278-1021
101	Kamat Durgaprasad Kamalakar	Comparison of Various Methods of Human Body Composition	Asian Journal of Computer Science Engineering	1 & 4	2016	2249-0701 / 2249-0701
102	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
103	Ghatule Magan Pralhad	Effect of Ultrasonic Wave Treatment in pH value of cabbage juice	International journal of innovative research in science engineering & Technology	5 & 27	2016	-- / 2347-6710
104	Ranaware Prakash Gulabrao	Mr	Surface & Coating Technology	302 & 10	2016	- / -
105	Ranaware Prakash Gulabrao	Mr	Surface Engineering	- & 11	2016	- / -
106	Avhad Kiran Sahebrao	Distance and Priority Based Routing Protocol in VANET	International Journal of Innovative Research in Science, Engineering and Technology	5 & 6	2016	2319 - 8753 / 2319 - 8753
107	Avhad Kiran Sahebrao	Survey On A Similarity Measure For Text Classification And Clustering	International Journal of Advance Engineering and Research Development	3 & 6	2016	2348-4470 / 2348-4470



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108	Avhad Kiran Sahebrao	Improved Similarity Measure For Text Classification And Clustering	International Research Journal of Engineering and Technology (IRJET)	3 & 6	2016	2395 -0056 / 2395 -0056
109	Anekar Devata Raghunath	Automated Toll Fee Collection and Crime Detection	International Engineering Research Journal	2 & 28842889	2017	00 / 23951621
110	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
111	Sardeshmukh Vaishali Mhalsakant	Performance Analysis of Human Detection and tracking System in Changing Illumination	Advances in Intelligent systems and Applications	1 & 11	2016	978-3-319--47952-1 / 978-3-319--47952-1
112	Sardeshmukh Vaishali Mhalsakant	Waste Segregation using Smart Robotic Arm	International Research Journal of Engineering and Technology	4 & 3	2017	2395-0056 / 2395-0056
113	Sardeshmukh Vaishali Mhalsakant	Wireless Projector With Camera Interfaced With Raspberry-Pi	IJSRT	2 & 3	2017	2456-2165 / 2456-2165
114	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)
115	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
116	Varade Apurva Nilkanth	Hybrid Fingerprint Matching Algorithm Survey	International Engineering Research Journal	2 & 35703373	2017	2395- 1621 / 2395- 1621
117	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
118	Magar Anand Mohanrao	Social Media Analytics And Sentiment Analysis	IJIRT	3 & 187	2017	- / 2349-6002
119	DEOKATE LAXMAN JAGANNATH	Peer To Peer Communication Using Heterogeneous Social Networks	IJIR	3 & 4	2017	-- / 2454-1362



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120	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
121	Bangare Pallavi Sunil	Abandoned Object Detection with Security Alert Using Smart Phone	International Journal of Advanced Research in Computer Science and Software Engineering	6 & 6	2016	2277 128X / 2277 128X
122	Bangare Pallavi Sunil	Robotic Arm Simulation Using Leap Motion Controller	International Journal of Emerging Science and Engineering	4 & 6	2017	2319-6378 / 2319-6378
123	Bangare Pallavi Sunil	Product Recommendation System using Machine Learning	International Journal of Research in Advent Technology	5 & 6	2017	2321-9637 / 2321-9637
124	Bangare Pallavi Sunil	Automated Drip Irrigation System Automated Drip Irrigation System Using Cloud Computing	Imperial Journal of Interdisciplinary Research	2 & 4	2016	2454-1362 / 2454-1362
125	Jagtap Kirti Nilesh	Classification of Traffic Based on ports in Computer Network	MIM Management Research Journal	1 & 299	2017	0 / 2277-6133
126	Pathak Priyanka Milind	"Analysis of Water Quality of River Godavari During Kumbhmela 2015"	International Journal of Technical Research and Application	Volume 4 & 206	2016	ISSN: 2321-7332 / ISSN: 2321-7332
127	Pathak Priyanka Milind	of Environmental Pollution by a Sanitary Landfill	International Journal of Technical Research and Application	4 & 210	2016	ISSN: 2320-8163 / ISSN: 2320-8163
128	Pathak Priyanka Milind	A Review: Contribution to Green Environment through Waste to Energy	International Journal of Technical Research and Application	4 & 165	2016	e- ISSN: 2320-8163 / e- ISSN: 2320-8163
129	Pathak Priyanka Milind	Deterioration in Water quality on Account of Mass Ritualistic Bathing during Kumbhmela: A Review	Journal of Basic and Applied Engineering Research	3 & 362	2016	2350-0077 / 2350-0077
130	Mali Nilesh Dattatraya	Deducing and conclusive Analysis and Decalssifying Obfuscates chat in Terrorism using Word Substitution	IERJ	2 & 2149	2016	IERJ / 23951621
131	Pawar Sheshnarayan Siddheshwar	Deniable Key Exchange for Privacy Authentication in Online Shopping Website	International Journal of Science Technology & Engineering	2 & 4	2016	2349784X / 2349784X



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132	Pawar Sheshnarayan Siddheshwar	Privacy Authentication using Deniable Key Exchange	International Journal of Science Technology & Engineering	2 & 4	2016	2349784X / 2349784X
133	Pawar Sheshnarayan Siddheshwar	Smart email notifier using supervised learning	IJCSEIT	1 & 4	2017	24563307 / 24563307
134	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
135	Pawar Sheshnarayan Siddheshwar	Application for monitoring social issue	IJSER	8 & 4	2017	22295518 / 22295518
136	Pawar Sheshnarayan Siddheshwar	Social Complaint Application	IJEES	1 & 4	2017	23197242 / 23197242
137	Wankhade Shalini Vaibhav	MINING OF ENCRYPTED DATA OVER CLOUD	International Journal of Recent Trends in computer EnggCurrent Engineering and Technology	04 & 6	2016	NII / 2455-1457
138	Wankhade Shalini Vaibhav	FRAUD APPLICATION DETECTION AND SUMMARY RISK SCORE	IJARIE	03 & 6	2017	-ISSN(O)-2395-4396 / -ISSN(O)-2395-4396
139	Wankhade Shalini Vaibhav	Traffic Rule violation Detection System	International Engineering Research Journal (IERJ)	02 & 6	2016	ISSN 2395-1621 / ISSN 2395-1621
140	Wankhade Shalini Vaibhav	E-Governance: E-Services in India	IJSETR	06 & 6	2017	ISSN 2319-8885 / ISSN 2319-8885
141	Wankhade Shalini Vaibhav	Dynamic Ride-Sharing - A Next Innovative Approach	International Journal of Advance Engineering and Research Development	Volume 3, & 5	2016	Nil / ISSN (P): 2348-6406
142	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
143	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
144	Jadhav Jayant Damodar	Apnea Detection through PDA	IJSRD	3 & 5	2016	12/2016/131 / 2321-0613
145	Ghate Aarti Sidram	Rainfall-Runoff Modelling Using SCS-CN Method A GIS Based Case Study	STM Journal	3 & 9	2016	2349-4336 / 2349-4336



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146	Patil Sangram Rajaram	DESIGN AND ANALYSIS OF HYDRAULICALLY OPERATED DUMPER PLACER ARM FOR GARBAGE COMPACTOR	MECHPGCON 2017	7	2017	NA / NA
147	PATIL SANGRAM RAJARAM	RIDE AND HANDLING IMPROVEMENT OF PASSANGER BUS	MECHPGCON 2016	6	2016	NA / NA
148	PATIL SANGRAM RAJARAM	ENERGY HARVESTING FROM TYRE BY USING PIEZOELECTRIC MATERIAL	MECHPGCON 2016	6	2016	NA / NA
149	PATIL SANGRAM RAJARAM	EXPERIMENTAL AND FINITE ELEMENT ANALYSIS OF FAILURE OF SHEET MOLDING COMPOUND AND STEEL INSERT JOINT	MECHPGCON 2016	12	2016	NA / NA
150	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
151	Shilwant Somshekhar Chandrashekhar	Modal Analysis for Mechanical Designs - A Review	PGCON	8	2017	xxx /
152	Shilwant Somshekhar Chandrashekhar	Aerodynamic Development of a Formula SAE car: Initial Design Stage	Mech PGCON2017	7	2017	xxx /
153	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 /
154	Shilwant Somshekhar Chandrashekhar	Investigation of Effect of Ply Orientation on Tensile Characteristics of Jute Fiber Composite”	PGCON	8	2017	xxx /



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155	Shilwant Somshekhar Chandrashekhar	Design Optimization for Suction Boom Arm	Post Graduate Conference of Mechanical Engineering	7	2016	xxx /
156	Shilwant Somshekhar Chandrashekhar	Design and analysis of Welding Fixtures & Components of MCB	Post Graduate Conference of Mechanical Engineering	3	2016	xxx /
157	Mane Prajit Ashok	“Scavenging of Two Stroke Petrol Engine by using Secondary Air Injection System”	ADVANCED TECHNOLOGIES FOR SOCIETAL APPLICATIONS	356	2016	- /
158	Mane Prajit Ashok	“A Critical Review: Application of Epoxy-Non Metal Composite Material for Automobile Propeller Shaft”	ADVANCES IN MECHANICAL ENGINEERING	367	2016	2393-8021 /
159	Manoorkar P B	Analysis and Classification of Human Skin Diseases	International Conference on Automatic Control and Dynamic Optimization Techniques	5	2016	978-1-5090-2080-5 / 978-1-5090-2080-5
160	Kamat D K	Multi-frequency and Multi-segment Bio-impedance Measurement Using Tetrapolar Electrode Setup	International Conference on Control Science and Systems Engineering	5	2016	978-1-4673-9872-5 / 978-1-4673-9872-5
161	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
162	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
163	Shamkuwar Sonal Chandrakant	Critical study on Rotary Fluidized Bed as Diesel Particulate Filter using SiC as Particles	Matrerials Today Proceedings	7	2017	2214-7853 / 2214-7853
164	Pawara Sona Ratilal	hETEROGENEOUS HEALTH MONITORING SYSTEM USING XMPP - DESIGN AND IMPLEMENTATION	ICECCT	5	2017	978-1-5090-3239-6 /



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165	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 /
166	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
167	Wankhade Shalini Vaibhav	Learning to Rank Gene Expression Data: A Neural Network Based Approach to Identify the Relevant Cancer Genes from Microarray Data	Satellite Conference ICSTSD 2016 International Conference on Science and Technology for Sustainable Development, Kuala Lumpur, MALAYSIA, May 24-26, 2016	6	2016	Nil / ISSN: 2348 – 8387
168	Wankhade Shalini Vaibhav	FRAUD APPLICATION DETECTION AND SUMMARY RISK SCORE	IEEE JCT college of Engg.	6	2016	NA /
169	Bharate Vishal Devidas	Human Emotions Recognition using Adaptive Sublayer Compensation and various Feature Extraction Mechanisms	WiSPNET 2016	5	2016	- / -
170	Pawar Vikramsinh Tanajirao	Automotive Buzz,Squeak and rattle(BSR)detection and prevention	INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING AND TECHNOLOGY	100	2017	- / -
171	Shinde Pratap Nivrutti	Circularly Polarized Transparent Equilateral Triangular Shaped Patch with Defected Ground	Intl. Conference on Computing, Communication, Control and Automation,	6	2016	NA / NA
172	Shinde Pratap Nivrutti,Shinde Jayashree Pratap,Nikhare Nikita P	Circularly Polarized MIMO Monopole Antenna with Defected Ground Structure for S-band Application	IEEE, Intl. Conference on Computing, Communication, Control and Automation	4	2016	NA / NA
173	Shinde Pratap Nivrutti	CPW Feed Electromagnetic Y-Shaped feeding Techniques for Circular polarizationand Bandwidth Enhancement	IEEE, Intl. Conference on Computing, Communication, Control and Automation	6	2016	NA / NA
174	Shinde Jayashree Pratap	Circular Polarization in Transparent Circular Patch with Defected Structure	IEEE Intl. Conference on Advances in Computing, Communications and Informatics (ICACCI),	5	2016	NA / NA



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175	Shinde Jayashree Pratap	CPW Feed Electromagnetic Y-Shaped feeding Techniques for Circular polarization and Bandwidth Enhancement	Intl. Conference on Computing, Communication, Control and Automation, Pune, India	5	2016	10.1109/ICCUBEA.2016.7860107 / NA
176	Shinde Jayashree Pratap	Circularly Polarized Transparent Equilateral Triangular Shaped Patch with Defected Ground	International Conference on Computing, Communication, Control and Automation, Pune, India	5	2016	10.1109/ICCUBEA.2016.7860108 / NA
177	Shinde Jayashree Pratap	Transparent Equilateral Triangular Antenna for S-Band Application	National Conference on 'Mechatronics'	4	2016	NA / NA
178	Shinde Jayashree Pratap	Circularly Polarized MIMO Monopole Antenna with Defected Ground Structure for S-band Application	International Conference on Computing, Communication, Control and Automation, Pune, India	5	2016	10.1109/ICCUBEA.2016.7860116 / NA
179	Shinde Jayashree Pratap	Circular polarization in transparent circular patch with defected structure	International Conference on Advances in Computing, Communications and Informatics (ICACCI)	5	2016	10.1109/ICACCI.2016.7732088 / NA
180	Chapke Yashwant Umrao	Resource matchmaking in Clouds with Middleware Architecture	2016 International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT)	910	2016	978-1-5090-2080-5 / 16744007
181	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	https://doi.org/10.1016/j.matpr.2017.02.215
182	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
183	Bangare Sunil Limchand	Brain Tumor Classification using Mixed Method Approach	IEEE 5th International Conference on Communication and Embedded Systems (ICICES2017)	5	2017	NA / NA
184	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
185	Bangare Sunil Limchand	Brain Tumor Classification using Support Vector Machine: A Review	National Conference on Recent Advances in Computing Sciences (NCCS)	5	2017	NA / NA



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186	Ramdasi Ashish Purushottam	Text Mining Methodology to Build Dependency Matrix from Unstructured Text to Perform Fault Diagnosis	© Springer Nature Singapore Pte Ltd	7	2016	1865-0929 / 1865-0929
187	Ramdasi Ashish Purushottam	Online Location Recommendation Syatem	Online Location Recommendation Syatem	3	2017	0975 8887 / 0975 8887
188	Bankar Sanket Anil	Design of a Coplanar Microstrip Antenna for GPS/Bluetooth Applications	International Conference on Computing Communication Control and Automation	4	2016	10.1109/ICCUBEA.2016.7860082 / 10.1109/ICCUBEA.2016.7860082
189	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
190	Gite Balasaheb Baburao	Implementation of Fant's resampling algorithm by using cubic convolution	ICCRD2011 - 20113rd International Conference on Computer Research and Development	188	2016	2011 / 5764000
191	Patil Kishor Puna,Raut Bhagyashree ,Naikwadi Mudassar	A Framework for Smart Spectrum Sensing Algorithm Based on Covariance Absolute Value Based Detection for Enabling Information Communication Technologies	9th CMI conference on "Smart Living, Cyber Security and Trust", Copenhagen	0	2016	ISBN 1902-0988 / ISBN 1902-0988

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

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
1	Dr Mrs Jayashree Pratap Shinde	Engineering	Study of Circularly Polarized Microstrip Antenna f	Pune University BCUD	11/05/2009-31/03/2011	250000	Minor
2	Dr Mrs Jayashree Pratap Shinde	Engineering	Space Radiation from the Optically Transparent Pla	ISRO UoP Joint Research Program	09/06/2015-30/12/2016	1175000	Major
3	Dr Pratap N Shinde CoInvestigator	Engineering	Study of Circularly Polarized Microstrip Antenna f	BCUD	11/05/2009-31/03/3011	250000	Minor
4	Dr Pratap N Shinde CoInvestigator	Engineering	Space Radiation from the Optically Transparent Pla	ISRO UoP Joint research Project	09/06/2015-30/12/2016	1175000	Major



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5	Rajesh U Yawale	Engineering	Automated Traffic Violation Detection and Penalty	BCUD	16/08/2016-15/08/2018	150000	Minor
6	Sardeshmukh Mhalsakant	Engineering	Human Activity recognition for Airport Security	BCUD	20/10/2013-19/10/2015	150000	Minor
7	Prof S S Vasekar	Engineering	Heat Transfer Enhancement by Air Jet Impingement o	BCUD	16/08/2016-14/08/2018	50000	Minor
8	Chapke Yashwant Umrao	Engineering	Sensor less Vibration Exciter for Vibration Testin	Board of College and University Development	08/10/2016-08/10/2018	140000	Minor
9	Mudassar Naikwadi	Engineering	SPECTRUM SENSING, MEASUREMENT, ACCESS AND CO-EXIST	BCUD	01/07/2014-30/12/2016	170000	Minor
10	Mudassar Naikwadi	Engineering	Software Define Radio (SDR) Implementation of Mult	BCUD	01/07/2015-29/12/2017	275000	Minor
11	Jasmine A Bagban	Engineering	Leakage Detection on building Facade using thermal	BCUD	01/07/2014-01/07/2016	200000	Minor
12	Smita Kakade	Engineering	Real Time Human Detection using HOG features as hu	ISRO	01/01/2013-31/03/2015	400000	Minor
13	Shalini wankhade	Engineering	Mining gene expressions using microarray for cance	BCUD	01/06/2016-01/06/2018	44000	Minor
14	tipole pralhad jaysing	Engineering	Experimental investigations on effect of magnetic	BCUD	02/09/2013-05/10/2015	190000	Major
15	Pankaja Alappanavar	Engineering	Extraction of Binary and Ternary Elements using Un	BCUD	01/04/2014-31/03/2016	50000	Minor
16	Pravin P Hujare	Engineering	Investigations of damping performance of segmented	BCUD SPPU	01/04/2014-31/03/2016	210000	Minor
17	Snehal Dewalkar	Engineering	Environmental Performance Evaluation of Building t	BCUD University Research Grant Scheme	01/09/2016-01/09/2018	100000	Minor
18	ankita patel	Engineering	Low cost Ultra-wideband(UWB) antennas based paper	BCUD	01/07/2014-30/06/2016	170000	Minor
19	Madhura Sunil Joshi	Engineering	Effectiveness of Shake table model for earthquake	BCUD	01/06/2016-30/06/2018	230000	Minor
20	Sandeep Kore	Engineering	Experimental analysis of heat transfer augmentatio	BCUD	01/04/2014-31/03/2016	180000	Minor
21	Nilam Jadhav	Engineering	Development of energy based model and experimental	BCUD	01/04/2014-31/03/2016	100000	Minor



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22	SONAL SHAMKUWAR	Engineering	EXPERIMENTAL INVESTIGATION ON REDUCING DIESEL PART	BCUD PUNE UNIVERSITY	01/04/2014-31/03/2016	240000	Minor
23	Chittaranjan Mahajan	Engineering	Hardware Accelerator for Embedded Processor	SPUP	08/11/2016-07/11/2018	100000	Minor

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

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	18	17	5

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

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

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

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

12. Faculty Wise Enrollment Of Students (2016-2017)

Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
	MALE	354	46	7	6	0	12	14	14	139	7	0	599
TOTAL		449	64	8	7	0	13	18	16	164	12	0	751



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13. Statistical Information about Teacher for Academic Year (2016-2017)

Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	DT(A)	1	0	1	0	0	0
2	NT(B)	0	1	1	1	0	1
3	NT(C)	2	0	2	2	1	3
4	NT(D)	0	1	1	2	0	2
5	OBC	7	3	10	4	4	8
6	OPEN	7	13	20	22	9	31
Date :	SBC	1	0	1	1	0	1
Place :	SC	2	1	3	5	2	7
	Total	20	19	39	37	16	53

Signature
HOD/Principal/Director



PRINCIPAL
SINHGAD ACADEMY OF ENGINEERING
S. No. 40, Kondhwa - Saswad Road,
Kondhwa (Bk), Pune - 411048