



AR2004335

Savitribai Phule Pune University
Annual Report Information 2019-2020
Planning and Development

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 (2019-2020) :

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	Godse Sachin Pandurang	Machine Learning	Nirali Prakashan	2019	938870669-2 /
2	Godse Sachin Pandurang	Information and Cyber Security	Nirali Prakashan	2019	938870619-b /
3	Godse Sachin Pandurang	Object Oriented Software and Web Engineering	Nirali Prakashan	2020	9787387744327 /
4	Gawatre Dinesh Wasudev	Mechanics of Structure	Gigatech Publishing House	2019	9788193808146 /
5	Gawatre Dinesh Wasudev	Building Construction	Gigatech Publishing House	2019	9788193808146 /

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2019-2020)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	14	4	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2019-2020)

Sr. No.	Name of the Teacher's/Autor	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Sanap Madhura Eknath	Brain MRI image processing and prediction of cancer stage including 3D plotting and segmentation	IRJET	6 & 3	2019	0 / 2395-0056



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2	Kitture Snehal Prashant	A Review on Stabilization of Black Cotton Soil Using RBI Grade 81, Lime, Rice Husk Ash and Foundry Sand	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	7 & 4	2019	Maharashtra / 2321-9653
3	Varade Apurva Nilkanth	A Survey on Tag Based Image Search to Retrieve and Classify Images in Different Categories	International Journal of Innovative Research in Computer and Communication Engineering	7 & 1844	2019	2320-9801 / 2320-9798
4	Deokate Laxman Jagannath	Smart Garbage Collection	IJARCCCE	8 & 4	2019	2319-5940 / 2278-1021
5	Bangare Pallavi Sunil	DEVELOPING ACCIDENT MONITORING SYSTEM USING WIRELESS APPLICATION	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	6 & 7	2019	0972-1347 / 0972-1347
6	Bangare Pallavi Sunil	SURVEY ON ACCIDENT MONITORING SYSTEM	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	6 & 4	2019	0972-1347 / 0972-1347
7	Mandare Parimal Rahul	Transmissibility investigation of shock absorber of Honda-Splendor/Shine Two wheeler	IJSART	5 & 8	2019	V5I329634 / 2395-1052
8	Sharma Nakul Satpaul	Offensive Language, Inappropriate Image Removal And Slang Language Correction On Our Social Media Platform	ierjournal	3 & 5	2019	2395-1621 / 2395-1621
9	Gaikwad Anuja Krishna	AN ADAPTIVE GRAPH DATA EXTRACTION USING PATTERN MATCHING AND HYPER GRAPH FORMATION	JETIR	6 & 8	2019	2349-5162 / 2349-5162
10	Rasal Varsha Suraj	[1] Enhancing Security Levels at ISP Server Using Multiple Security Techniques with Proposed Crypto Application	International Journal of Engineering and Technology Innovation	9 & 12	2019	2223-5329 / 2223-5329
11	Shahane Pallavi Rahul	Automatic toll management & penalty system using number plate recognition	IRJET	06 & 4	2019	2395-0056 / 2395-0056
12	Kakkeri Roopa Basawaraj	EMG based Robot control	IJIREICE	7 & 4	2019	2321-2004 / 2321-5526



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13	Kakkeri Roopa Basawaraj	Smart LPG Kit	IJSRD	7 & 4	2019	2321-0613 / 2321-0613
14	Patil Rashmi Vishal	Automatic power generation using rain water harvesting and solar energy	International Journal of Advance Research, Ideas and Innovations in Technology	5 & 268	2019	2454-132X / 2454-132X
15	Patil Adhikrao Sarjerao	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF FLOW BLOCKAGES ON HEAT TRANSFER AND FLUID FRICTION IN A ROUND TUBE USING WALL-ATTACHED CIRCULAR RINGS	Heat Transfer Research	50 & 16	2019	1064-2285 / 1064-2285
16	Patil Adhikrao Sarjerao	Experimental investigation on thermo-physical characteristics of fluid flow in circular tube enhanced with circular rings with different arrangements	International Journal of Ambient Energy	- & 10	2019	0143-0750 / 0143-0750
17	Alappanavar Pankaja Bhupal	Blockchain Based Product Ownership Management for the supply chain using QR code: A Survey	JETIR	6 & 546	2019	JETIRBB06107 / 2349-5162
18	Alappanavar Pankaja Bhupal	A survey on real time hand gesture recognition to improve the accuracy of indian sign language	IJRECE	7 & 67	2019	2393-9028 / 2393-9028
19	Shah Suyog Sanjay	SMART FIRE DETECTION SYSTEM FOR BUILDING USING IMAGE PROCESSING	IJARIIT	5 & 4	2019	NIL / 2454-132X
20	Pawar Poonam Yogesh	Student Sathi	International Engineering Research Journal	-- & 4	2019	-- / 2395-1621
21	Pawar Poonam Yogesh	HUMAN TRACKING USING LOCATION BASED SERVICES	International Engineering Research Journal	-- & 5	2019	-- / 2395-1621



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22	Bangare Sunil Limchand	SEVERITY IDENTIFICATION OF DIABETIC RETINOPATHY IN MEDICAL IMAGES	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	6 & 4	2019	0972-1347 / 0972-1347
23	Bangare Sunil Limchand	DEVELOPING ACCIDENT MONITORING SYSTEM USING WIRELESS APPLICATION	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	6 & 7	2019	0972-1347 / 0972-1347
24	Bangare Sunil Limchand	SURVEY ON ACCIDENT MONITORING SYSTEM	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	6 & 4	2019	0972-1347 / 0972-1347
25	Gayal Baliram Sambhaji	Video-Based Abnormal Human Behavior Detection	International Engineering Research Journal	Volume 3 & 5	2019	--- / 2395-1621
26	Rathod Suresh Baliram	A Review on Face Reenactment Techniques	2020 International Conference on Industry 4.0 Technology, I4Tech 2020	4	2020	978-1-7281-5003-1 / 978-1-7281-5003-1
27	Kakkeri Roopa Basawaraj	Role of surface EMG on the detection of TMJ disordr	ReserchFora 67th Internationl conference	4	2019	978-93-89469-36-3 /
28	Patil Adhikrao Sarjerao	HEAT TRANSFER ENHANCEMENT IN ROUND TUBE FITTED WITH VARIOUS CONFIGURATIONS OF CIRCULAR RINGS	Proceedings of International Conference on Sustainable Development (ICSD 2019)	8	2019	978-93-87901-05-6 / 2394-3696
29	Bangare Sunil Limchand	Design of System for Brain Tumor detection and Classification using Machine learning	National Women Conference on Technological Innovations, 2018	789	2019	978-1-7281-0174-5/19 / 978-1-7281-0174-5/19
30	Bangare Sunil Limchand	Emotion Based Music Player Through Face Recognition System and Machine Learning	IEEE ICECEIC	900	2019	978-1-7281-0174-3/19 / 978-1-7281-0174-3/19
31	Bangare Sunil Limchand	Brain Tumor Detection using GLCM and Probabilistic Neural Network	IEEE ICECEIC	900	2019	978-1-7281-0174-3/19 / 978-1-7281-0174-3/19



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8. Research Projects/Schemes Undertaken by Teachers (2019-2020)							
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
NA	NA	NA	NA	NA	NA	NA	NA
9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2019-2020)							
Sr. No.	No. of Teachers Attended State Level		No. of Teachers Attended National Level		No. of Teachers Attended International Level		
1	1		6		0		
10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2019-2020)							
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise			
1	8	1	0	0			
11. Grants Sanction for Funding Agency (2019-2020)							
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other		
1	0	0	0	6	0		



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12. Faculty Wise Enrollment Of Students (2019-2020)

Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	28	7	0	0	0	2	4	2	24	1	0	68
	MALE	79	21	0	4	0	4	9	9	50	5	0	181
	TOTAL	107	28	0	4	0	6	13	11	74	6	0	249

13. Statistical Information about Teacher for Academic Year (2019-2020)

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	0	0	2	0	2
3	NT(C)	2	0	2	2	0	2
4	NT(D)	0	1	1	2	0	2
5	OBC	5	3	8	5	5	10
6	OPEN	8	12	20	17	8	25
Date :	SBC	1	0	1	1	0	1
Place :	SC	3	2	5	6	3	9
9	ST	0	1	1	0	1	1
	Total	20	19	39	35	17	52

Signature
HOD/Principal/Director

(Signature)
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PRINCIPAL

SINHGAD ACADEMY OF ENGINEERING
S. No. 41 Kondhwa - Saswad Road,
Kondhwa (Bk), Pune - 411048

