



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2305995

College Details

1.	Name Of the Department/College/Institute	: Sinhgad Technical Education Society Sinhgad Institute of Technology Addr: Survey No 309/310 Kusgaon Bk Lonavala Ta: Mawal Dist: Pune	2.	Address Of the Department/College/Institute	: Survey No 309/310 Kusgaon Bk Lonavala Ta: Mawal Dist: Pune Pincode: 410401
3.	Name Of the Head/Principal/Director	: GAIKWAD MANIK SAKHARAM	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 02114-673356 Email- principal_sit@sinhgad.edu URL- www.sinhgad.edu

5. Reference Books/Monographs Published by Teacher (2022-2023):

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	Latane Pravin Chandrakant	"The Internet of Things Connecting Everything- Introduction, Sensor, Protocol, Application"	Lambert Academic Publishing	2022	ISBN: 978-620-5-50976-0 /
2	Kale Vaishanw Gorakhnath	Internet of Things: Let the Things Talks	BFC	2022	9789355095923 / ----
3	Mantri Dnyaneshwar Shirranglal	Review of Anti-Counterfeit Solutions in Blockchain	Bentham Science Publishers pvt ltd	2023	978-981-5050-60-5 / 0

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2022-2023)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	13	2	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2022-2023)

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	Datkhile Sagar Namdev	Energy Scenario in India Up to 2020	GRADIVA REVIEW - JOURNAL	9 & 7	2023	0 / 0363-8057
2	Mantri Dnyaneshwar Shirranglal	Dynamic Traffic Signaling System	International Journal of Computer Engineering and Applications	17 & 5	2023	0 / 2321-3469
3	Mantri Dnyaneshwar Shirranglal	Occlusion and Spoof Attack Detection using Haar Cascade Classifier and Local Binary Pattern for Human Face Detection for ATM	Journal: AIP Conference Proceeding	2494 & 10	2022	0 / 1551-7616





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4	Kulkarni Anuradha Prasad	Automatized Medical Chatbot	Goya Journal	16 & 7	2023	0 / 0017 - 2715
5	Kulkarni Anuradha Prasad	Automatized Medical Chatbot	International Journal of Advanced Research in Science, Communication & Technology (IJARST)	2 & 248	2022	- / ISSN(Online) 2581-9429
6	Kulkarni Anuradha Prasad	Automatic Level Depression Detection	International Journal of Advanced Research in Science, Communication & Technology (IJARST)	2 & 6	2023	0 / 2581-9429
7	Kulkarni Anuradha Prasad	Automatic Level Depression Detection	Goya Journal	16 & 6	2023	0 / 0017 - 2715
8	Chaudhari Manohar Santosh	Novel algorithm for IOT based Smart Traffic density Control using Intelligent Transportation system	Neuro Quantology	20 & 11	2022	1303-5150 / 1303-5150
9	Chaudhari Manohar Santosh	A Heuristic Approach Using Intelligent Transportation System for The Detection of Vehicles for Effectively Road Traffic Management	JOURNAL OF ALGEBRAIC STATISTICS	3 & 20	2022	1309-3452 / 1309-3452
10	Mule Vaibhav Prakash	On-Grid PV System Maximum Power Tracking and Harmonic Reduction Using Different MPPT Controller	GRADIVA REVIEW JOURNAL	8 & 8	2022	3638057 / 0363-8057
11	Mule Vaibhav Prakash	Fault Detection in Three Phase Transmission Line with Location	IJARST	3 & 6	2023	0 / 2581-9429
12	Mule Vaibhav Prakash	Energy Management and Audit by Replacing Energy Efficient Equipment	GOYA Journal	16 & 11	2023	0 / 0017-2715
13	Dhakate Pankaj Ashokrao	Food waste Management System	Goya Journal	Volume 16 & 5	2023	0017-2715 / ISSN No 0017-2715
4	Dhakate Pankaj Ashokrao	Detecting Fishing websites using Machine Learning.	Goya Journal	Volume 16 & 5	2023	0017-2715 / ISSN No 0017-2715
15	Choudhari Jordan Satish	Location and Time-Based Reminder Android Application – A Survey	IJARST	2 & 5	2022	10.1109/ICSITech.2016.7852624 / 2581-9429





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16	Choudhari Jordan Satish	Crowdfunding Platform for Educational Help A Survey	IJARCT	2 & 5	2022	10.48175/568 / 2581-9429
17	Choudhari Jordan Satish	Speech Emotion Recognition using Machine Learning	IJARCT	2 & 4	2022	10.48175/568 / 2581-9429
18	Mulani Karim Shahajhan	Aspects of Network Security Based on Graph Theory	international journal for novel research and development	8 & 9	2023	2456-4184 / 2456-4184
19	Mulani Karim Shahajhan	CHROME EXTENSION FOR DETECTION AND PREVENTION OF PHISHING WEBSITES AND RELATED ATTACKS BY USING MACHINE LEARNING	International Journal of Creative Research Thoughts (IJCRT)	11 & 8	2023	2320-2882 / 2320-2882
20	Mulani Karim Shahajhan	Alzheimer's Disease and Lung Cancer Detection using Deep learning	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	3 & 5	2023	2581-9429 / 2581-9429
21	Mulani Karim Shahajhan	Data Re-Encryption Approach to Secure Data Sharing using Blockchain	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	3 & 5	2023	2581-9429 / 2581-9429
22	Mulani Karim Shahajhan	"VIRTUAL REALITY CLASSROOM IN COVID - 19"	International Journal of Scientific and Research Publications	5 & 5	2022	NA / 2250-3153
23	Bhosale Manoj Krishna	Survey of Innovative Techniques for Speed Measurement of Vehicles	Journal of Instrumentation and Innovation sciences	8 & 5	2023	NA / 2456-9860
24	Latane Pravin Chandrakant	"A Compact Design of MIMO Antenna Array for 2 GHz Wireless Applications"	SGVU Journal of Engineering & Technology	Volume 8 & 4	2023	ISSN: 2395-0196 / ISSN: 2395-0196
25	Latane Pravin Chandrakant	"4-port MIMO antenna Simulation and Analysis for 5G Portable Applications"	SGVU Journal of Engineering & Technology	Volume 9 & 5	2023	ISSN: 2395-0196 / ISSN: 2395-0196
26	Latane Pravin Chandrakant	"Synopsis: Data Summarization Web Application"	IJARCT	Volume 2 & 4	2023	ISSN No: 2581-9429 / ISSN No: 2581-9429
27	Latane Pravin Chandrakant	"E - Voting Using Blockchain"	IJARCT	Volume 2 & 4	2023	ISSN No: 2581-9429 / ISSN No: 2581-9429





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28	Latane Pravin Chandrakant	"Performance Analysis of 4 Port MIMO Antenna Array for 5G Application"	NeuroQuantology	Volume 20 & 9	2023	ISSN: 1303-5150 / ISSN: 1303-5150
29	Latane Pravin Chandrakant	A Survey on Design and Analysis of MIMO Antenna Array for 5G Application	IJHS	VOLUME: 06 & 9	2022	ISSN: 2550-6978 / ISSN: 2550-6978
30	Raut Mayur Sahebrao	Object Detecting and Recognizing Robo Using Rasberry Pi and Machine Learning	IJARST	3 & 7	2023	2581-9429 / 2581-9429
31	Kadam Amol Achyutrao	Driver Drowsiness Monitoring using Convolutional Neural Network	IJARST	3 & 185	2023	2581-9429 / 2581-9429
32	Kadam Amol Achyutrao	A Machine Learning Approach for Opinion Mining online Customer Reviews	IJARST	3 & 108	2023	2581-9429 / 2581-9429
33	Chavan Vikram Madhukar	Online Voting System using Face Recognition and OTP	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	3 & 3	2023	ISSN (Online) 2581-9429 / ISSN (Online) 2581-9429
34	Chavan Vikram Madhukar	Clinical Support System for Predicting Heart Diseases using Machine Learning Techniques	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	3 & 3	2023	ISSN (Online) 2581-9429 / ISSN (Online) 2581-9429
35	Kalage Amol Appaso	Application of Adaptive Teaching Learning based Optimization Algorithm for thermal Unit Commitment with Wind Power and Pumped Hydro Storage System	GIS Science Journal	9 & 12	2022	1869-9391 / 1869-9391
36	Ghodichor Farendrakumar Shrawanji	System for Fake Currency Detection Using Image Processing	IJRASET	10 & 5	2022	2321-9653 / 2321-9653
37	Dike Prashant Rajaram	Arduino Augmented Reality Headset	TKD 23	5	2023	IEEE TKD-23/ISBN No.978-81-992245-5-0 / NA
38	Dhakate Pankaj Ashokrao	Heart Diseases prediction using Machine Learning Algorithm	AIMTRTEF -23 International Conference on Recent Trends in Science, Technology, Engineering & Mathematics	8	2023	AIMTMREF - 2023-135/05 / AIMTMREF - 2023-135/05





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39	Bhosale Manoj Krishna	Smart Video Number Plate Character Recognition using Hybrid Optimization-based YoloV3	Interactive Systems & Information Society Technologies (InterSys2023) held within IMS-2023	10	2023	NA /
40	Bhosale Manoj Krishna	Automatic Video Traffic Surveillance system under Different Light Conditions using Hybrid Optimization-based YoloV3 Model	ICAETBM-2022	7	2022	NA / NA

8. Research Projects/Schemes Undertaken by Teachers (2022-2023)

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. (2022-2023)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	12	12	0

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2022-2023)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	7	0	0	0

11. Grants Sanction for Funding Agency (2022-2023)

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





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12. Faculty Wise Enrollment Of Students (2022-2023)														
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total	
Engineering	FEMALE	44	13	0	4	0	1	3	3	49	4	0	121	
	MALE	130	36	3	6	0	7	19	9	110	8	0	328	
TOTAL		174	49	3	10	0	8	22	12	159	12	0	449	

13. Statistical Information about Teacher for Academic Year (2022-2023)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	7	3	10	4	4	8
2	OPEN	9	5	14	12	2	14
3	SBC	0	0	0	2	0	2
4	SC	1	2	3	4	1	5
Total		17	10	27	22	7	29

Date :

Place :




Signature
Principal/Director

SINHGAD INSTITUTE OF TECHNOLOGY
Kusgaon(Bk.), LonaVala - 410401.