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Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development

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: PunePincode: 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 (2021-2022) :

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	Kale Vaishanw Gorakhnath	Internet of Things:Let the Things Talks	BFC	2022	9789355095923 / ----
2	Babar Sachin Dilip	Data Acquisition and Knowledge Management in IoT: Security Issues, Challenges, and Road Map Ahead	Springer Nature Singapore Pte Ltd.	2021	978-981-33-4995-7 / 2198-4182
3	Babar Sachin Dilip	Sarcasm Detection in Online Social Network: Myths, Realities, and Issues	Springer Nature Singapore Pte Ltd.	2021	978-981-33-4995-7 / 2198-4182
4	Baste Vaishali Sandeep	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Springer	2022	988-981-16-7985-8 / 1876-1119

6. No.of Conference, Symposia, Seminars,Workshops etc. Organized (2021-2022)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	40	2	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2021-2022)

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	Gaikwad Sambhaji Mahadeo	Design and optimization Of Aluminum Alloy Wheel Used In Automobiles	IJARIT	Volume 7 & 5	2021	Maharashtra / ISSN:2454-132X
2	Gaikwad Sambhaji Mahadeo	Modal Analysis Of Jute Reinforced Structures	IJARIT	7 & 7	2021	Maharashtra / ISSN:2454-132X





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3	Gaikwad Sambhaji Mahadeo	Design and optimization Of Passenger Car Tie Rod By Using Numerical and Analytical Approach	IJARIT	Volume 7 & 6	2021	Maharashtra / ISSN:2454-132X
4	Datey Sachin Devidas	DESIGN OF 250W HYBRID SOLAR SYSTEM FOR OFF-GRID AS WELL AS ON GRID SYSTEM WITH NET METERING	OPEN ACCESS INTERNATIONAL JOURNAL OF SCIENCE AND ENGINEERING	6 & 6	2021	2456-3293 / 2456-3293
5	Datey Sachin Devidas	IOT BASED SMART REFRIGERATOR	OPEN ACCESS INTERNATIONAL JOURNAL OF SCIENCE AND ENGINEERING	6 & 4	2021	2456-3293 / 2456-3293
6	Datey Sachin Devidas	SIMULATION OF INVERTER TOPOLOGY TO DRIVE MULTIPLE AC LOADS USING MATLAB SOFTWARE	OPEN ACCESS INTERNATIONAL JOURNAL OF SCIENCE AND ENGINEERING	6 & 7	2021	2456-3293 / 2456-3293
7	Babar Sachin Dilip	Trust Management Approach for Detection of Malicious Devices in IIoT	Tehnicki Glasnik - Technical Journal	15 & 10	2021	1848-5588 / 1846-6168
8	Babar Sachin Dilip	A proposed approach for Digital Identity management using Self Sovereign Identity	International Journal of Next-Generation Computing	12 & 11	2021	11 / 11
9	Pandit Praveen Janardan	Library Services during the COVID-19 Pandemic Situation: A study	KNOWLEGE LIBRARIAN	08 & 9	2021	0 / eISSN-2394-2479
10	Pandit Praveen Janardan	Authorship Pattern and Degree of collaboration in Knowledge Organization during 1968 – 1990	International Journal of All Research Education and Scientific Methods (IJARESM),	8 & 7	2021	0 / 2455-6211
11	Dike Prashant Rajaram	Enhancement of network coding in wireless sensor network using improved lion algorithm: intention toward maximizing network throughput and lifetime	International Journal of Intelligent Unmanned Systems	9 & 1108	2021	2049-6427 / 2049-6427





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12	Mulani Karim Shahajhan	"VIRTUAL REALITY CLASSROOM IN COVID – 19"	International Journal of Scientific and Research Publications	5 & 5	2022	NA / 2250-3153
13	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
14	Ghodichor Farendrakumar Shrawanji	Charity Donation System Based On Blockchain Technology	IJRCCCE	9 & 5	2021	e-ISSN: 2320-9801 / e-ISSN: 2320-9801
15	Ghodichor Farendrakumar Shrawanji	System for Fake Currency Detection Using Image Processing	IJRASET	10 & 5	2022	2321-9653 / 2321-9653
16	Baste Vaishali Sandeep	Detection of Damaged Gas Pipeline using IOT	International Journal of Advanced Research in Science, Communication and Technology	2 & 4	2022	- / 2581-9429
17	Baste Vaishali Sandeep	A Literature Survey On Fault Investigation Methods Of Voltage Source Inverters	International Journal of Creative Research Thoughts (IJCRT)UGC care journal	10 & 8	2022	- / 2320-2882
18	Babar Rajendra Vithal	DEVELOPMENT OF VOICE RECOGNITION BASED HOME AUTOMATION SYSTEM USING BLUETOOTH	Journal of Emerging Technologies and Innovative research	8 & 5	2021	na / 2349-5162
19	Babar Rajendra Vithal	DESIGN AND DEVELOPMENT OF MODBUS BASED LED DISPLAY BOARD	Journal of Emerging Technologies and Innovative research	8 & 4	2021	na / 2349-5162
20	Baste Vaishali Sandeep	Fault Diagnosis of Voltage Source Inverter Using Machine Learning Techniques	Springer International conference on communication and cyber physical Engineering (ICCCE)	6	2021	988-981-16-7985-8 / -

8. Research Projects/Schemes Undertaken by Teachers (2021-2022)							
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





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9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2021-2022)					
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level		
1	2	6	0		

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2021-2022)				
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	4	0	0	0

11. Grants Sanction for Funding Agency (2021-2022)					
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	1	0

12. Faculty Wise Enrollment Of Students (2021-2022)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	51	8	3	2	0	3	3	2	23	1	0	96
	MALE	121	24	0	5	0	5	15	7	89	2	0	268
	TOTAL	172	32	3	7	0	8	18	9	112	3	0	364





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13. Statistical Information about Teacher for Academic Year (2021-2022)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	7	3	10	3	3	6
2	OPEN	10	7	17	13	3	16
3	SBC	0	0	0	1	0	1
Date :	SC	1	3	4	4	1	5
Place :	Total	18	13	31	21	7	28

Signature
HOD/Principal/Director




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