



Sinhgad Institutes

SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to SPPU Pune and Approved by, AICTE, New Delhi.)
Gat No. 309/310 , Kusgaon (Bk), off Mumbai –Pune, Expressway.
Lonavala, Pune, 410401, Website : sit.sinhgad.edu

SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

ANNUAL REPORT:2020-2021

ATTESTED


Dr. M. S. GARKWAD
PRINCIPAL

Sinhgad Institute of Technology, Lonavala



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Vision, Mission and Objectives of the Institute

Vision:

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातु कटिबद्धाःवयम्

“We are committed to produce not only good engineers but good human beings, also.”

Mission:

Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity & technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

QUALITY POLICY

Our Quality Policy is aimed at achieving the excellence in technical education, by acquiring autonomous status to the institutes with recognition at national and international level. For this, we are committed to:

- Provide excellent infrastructure facilities.
- Employ highly qualified and experienced faculty.
- Encourage the faculty for improvement in qualifications.
- Promote the institute - industry interaction.
- Create environment for research and getting industry-sponsored projects for students.

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OBJECTIVES:

- All round development of students relevant to the needs of industry and making them competent to face the challenges of globalization.
- Empowerment of faculty and staff through continuing education.
- Develop strong Industry-Institute Interaction to offer expertise for projects, training, testing and consultancy.
- Overall development of students through Student Training Programmes (STPs) and value addition programmes (VAPs).
- Establish center of excellence (COE) in engineering research.
- To start doctoral program in engineering.
- Serve as engineering knowledge center for society in general.

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College Details

1.	Name Of the Department/College/Institute	: Sinhgad Technical Education Society' Sinhgad Institute of Technology, Lonavala	2.	Address Of the Department/College/Institute	: Survey No 309/310 Kusgaon Bk Lonavala Ta: Mawal Dist: Pune Pin code: 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- sit.sinhgad.edu

5. Reference Books/Monographs Published by Teacher (2020-2021) :


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	NA	NA	NA	NA	NA

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2020-2021)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	20	0	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2020-2021)

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
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	Mulani Karim Shahajhan	systematic survey on object detection and reccognition using machine learning technique	IJARCCCE	9 & 5	2020	2319-5941/2278-1021


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5	Jadhav Sagar Baban	Case Study on power Generation from waste on Sinhgad Technical Education Society(STES) Campus, Lonavala, Maharashtra	Kuwait Journal of Science	47(2) & 88	2020	- / 2307-4116
6	Shende Dipali Kedar	A Comprehensive Survey of the Routing Schemes for IoT applications	Scopus Indexed Journal Scalable Computing: Practice and Experiences	21 & 203	2020	1895-1767 / 1895-1767
7	Shende Dipali Kedar	Bandicoot: Drain Clog Detection and Prevention to support Swatch Bharat Abhiyan	AEGAEUM JOURNAL-UGC Care Approved Group II	8 & 1251	2020	0776-3808 / 0776-3808
8	Shende Dipali Kedar	Crow Whale-ETR: Crow whale optimization algorithm for energy and trust aware multicast routing in WSN for IoT applications	SCI Indexed Journal Wireless Networks-The Journal of Mobile Communication	26 & 4011	2020	1022 / 1022-0038
9	Shende Dipali Kedar	Detection of Water Contamination With Respect to Different Parameters Using IOT Based Multicast Routing	Journal of Scientific Computing	9 & 221	2020	1524-2560 / 1524-2560
10	Shende Dipali Kedar	Embodiment Well Rescue Intelligent Device With Real Time Feed For Safety Lift	AEGAEUM JOURNAL-UGC Care Approved Group II	8 & 44	2020	0776-3808 / 0776-3808
11	Lohar Shailaja Nitin	A proposed approach for Digital Identity management using Self Sovereign Identity	International Journal of Next-Generation Computing	12 & 11	2021	Maharashtra / 0976-5034
12	Baste Vaishali Sandeep	Automatic Tea maker using controller	international journal for scientific research and development(IJSRD)	8 & 3	2020	- / 23210613
13	Baste Vaishali Sandeep	Smart System to Measure Quality and Quantity of Fuel in Vehicle	Mukt Shabd Journal	9 & 6	2020	Maharashtra / 2347-3150
14	Baste Vaishali Sandeep	Study of Open Circuit Fault Diagnosis in VSI using Discrete Wavelet Transform and Machine Learning Approach	IScopus Indexed Journal -International Journal of Advanced Science and Technology	29 & 8	2020	- / 2005-4238

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15	Baste Vaishali Sandeep	Smart E Vehicle	IJFGCN-SERSC journal	13 & 8	2020	Maharashtra / 2233-7857							
8. Research Projects/Schemes Undertaken by Teachers (2020-2021)													
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. (2020-2021)													
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level										
1	88	0	0										
10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2020-2021)													
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise									
1	1	0	0	0									
11. Grants Sanction for Funding Agency (2020-2021)													
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other								
1	0	0	0	0	1								
12. Faculty Wise Enrollment Of Students (2020-2021)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	34	9	0	1	0	4	1	3	15	1	0	68
	MALE	119	23	0	6	0	2	11	4	65	4	0	234
	TOTAL	153	32	0	7	0	6	12	7	80	5	0	302

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13. Statistical Information about Teacher for Academic Year (2020-2021)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	8	3	11	3	2	5
2	OPEN	18	9	27	14	4	18
3	SBC	0	0	0	1	0	1
4	SC	2	3	5	5	1	6
	Total	28	15	43	23	7	30

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