



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:2019-2020

ATTESTED

Dr. M. S. GAIKWAD
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 imbining 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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
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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 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- sit.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	Karannkoti Srikanth Vithoba	Heat and Mass Transfer	TECHNICAL PUBLICATION	2019	978-93-332-0111-7 / 978-93-332-0111-7
2	Karannkoti Srikanth Vithoba	HEAT TRANSFER	TECHNICAL PUBLICATION	2019	978-93-332-0069-1 / 978-93-332-0069-1
3	Mantri Dnyaneshwar Shriranglal	Layered Network Security for Efficient Data Aggregation in CONASENSE	River Publishers	2019	9788770220927 / 9788770220910


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	18	0	0

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

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	Karlekar Nandkishor Padmakarrao	WSCA-based SVNN: Whale-based Sine Cosine algorithm enabled Support Vector Neural Network for the privacy preserved cloud data classification	International Journal For Artificial Intelligence and Tools	28 & 26	2019	0218-2130 / 1793-6349
2	Yerate Dhanaraj Anil	A Technique for Secure Sharing of Personal Health Records in the Cloud	Journal of Emerging Technologies and Innovative Research	6 & 5	2019	2349-5162 / 2349-5162

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3	Lokhande Prasad Eknath	Surfactant assisted cabbage rose-like CuO deposition on Cu foam by for supercapacitor applications	Inorganic and Nano-Metal Chemistry	48 & 434	2019	2470-1556 / 2470-1564
4	Ware Swapnali Balasaheb	Survey Paper for Intelligent Traffic Control System for Ambulance	International Journal of Trend in Research and Development	6 & 2	2019	no / 2394-9333
5	Waykar Sanjay Bajaba	Intent Aware Optimization for Content-Based Lecture Video Retrieval Using Grey Wolf Optimizer	journal of engg. research	24 & 12	2019	2307-1877 / 2307-1885
6	Ghodichor Farendrakumar Shrawanji	Finding Shortest Path In Air Pollution	IJARIE	5 & 4	2019	2395-4396 / 2395-4396
7	Ghodichor Farendrakumar Shrawanji	Suspicious Object Detection at Public Places	IJARIE	5 & 4	2019	2395-4396 / 2395-4396

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	96	0	1

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	NA	NA	NA	NA

11. Grants Sanction for Funding Agency (2019-2020)

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 (2019-2020)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	16	8	0	3	0	1	1	0	13	0	0	42
	MALE	77	21	0	6	0	4	9	8	63	6	0	194
TOTAL		93	29	0	9	0	5	10	8	76	6	0	236

13. Statistical Information about Teacher for Academic Year (2019-2020)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	11	3	14	3	2	5
2	OPEN	20	11	31	16	4	20
3	SBC	0	0	0	1	0	1
4	SC	3	5	8	7	2	9
5	ST	0	0	0	1	0	1
	Total	34	19	53	28	8	36

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