



**Sinhgad Institutes**

**SINHGAD TECHNICAL EDUCATION SOCIETY'S  
SINHGAD INSTITUTE OF TECHNOLOGY**  
Kusgaon (Bk), Lonavala 410401

**DEPARTMENT OF COMPUTER ENGINEERING**

**Department Advisory Board Meeting**

**[04/07/2024]**

**AY 2024-25**

Coordinated By

**Dr. Amruta .V. Surana**





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**SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA**

(Affiliated to Savitribai Phule Pune University and Approved by AICTE, New Delhi)  
Accredited by NAAC with Grade "A"

**Department of Computer Engineering**

## Vision and Mission of the Institute

### VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दाः वयम्।

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

Quality Policy is aimed at achieving excellence in Technical Education with recognition at National & International level. Managements is committed to:

- Provide excellent Infrastructure facilities.
- Employ highly qualified & experienced faculty
- Encourage the faculty for qualifications improvement
- Promote the Industry- Institute Interaction
- Create environment for R & D activities, consultation work and getting Industry-sponsored projects for students
- A special internal Quality Assessment Program has been implemented which monitors all the parameters needed for achieving the goals
- Implementation of the Quality Policy will result in all round development of students relevant to the needs of Industries & will make them competent to face the challenges due to Globalization



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## Vision and Mission of Department

### VISION

We strive to produce globally competent computer professionals enriched with innovative skills and good moral values with societal concerns.

### MISSION

- **M1:** To provide broad – based education and contemporary knowledge by adopting modern teaching- learning methods.
- **M2:** To inculcate a spirit of innovation in students through industrial interactions.
- **M3:** To develop individual's potential to its fullest extent so that they can emerge as gifted leaders in their fields.



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## Department of Computer Engineering

### Short Term Goals

- To establish post graduate program in different domain.
- To encourage faculty by creating opportunity of higher education.
- To initiate relevant value addition programs and certifications for improving employability.
- Build strong alliances that bring know-how of business community to complete training of students through projects.

### Long Term Goals

- To establish a center of innovation in Agriculture, Tele health and ICT sector in collaboration with industry.
- To create center of excellence in network, security and computer vision.
- To establish a world class R&D institute for patent based research creating opportunity for faculty to be resource.

### Program Educational Objectives (PEO's)

1. To prepare globally competent graduates having strong fundamentals and domain knowledge to provide effective solutions for engineering problems.
2. To prepare the graduates to work as a committed professional with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.
3. To prepare committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking.
4. To prepare the graduates with strong managerial and communication skills to work effectively as individual as well as in teams.



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## Program Specific Outcomes: PSOs

A graduate of the Computer Engineering Program will demonstrate-

**PSO1- *Professional Skills***-The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying.

**PSO2- *Problem-Solving Skills***- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

**PSO3- *Successful Career and Entrepreneurship***- The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.



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### Program Outcomes: POs

Students are expected to know and be able –

**PO1- *Engineering Knowledge***: - To apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis, and mathematical modelling to the solution of complex engineering problems.

**PO2- *Problem Analysis***: - Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusion using first principals of mathematics, natural sciences and engineering sciences.

**PO3- *Design / Development of solutions***: - Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate considerations for the public health and safety, and the cultural, social, and environmental considerations.

**PO4- *Conduct Investigations of Complex Problems***: - Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and modeling to complex engineering activities with an understanding of the limitations.

**PO5- *Modern Tool Usage***: - Create, select, and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO6- *The Engineer and Society***: - Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.

**PO7- *Environment and Sustainability***: - Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8- *Ethics***: - Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

**PO9- *Individual and Team work***: -Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO10- *Communication Skill***: - Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.



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**PO11- *Project management Finance***: - Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work as a member and leader in a team to manage projects and in multidisciplinary environment.

**PO12- *Life-long Learning***: - Recognize the need for, and have the preparations and ability to engage in independent and lifelong learning in the broadest context of technological change.



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## Department of Computer Engineering

<b>Title</b>	DAB Meeting
<b>Date:</b>	04/07/2024
<b>Day:</b>	Friday
<b>Venue:</b>	Electrical Meeting Room
<b>Time:</b>	10.00 To 12.00 P.M
<b>StaffCo-coordinator:</b>	Dr.Amruta.V.Surana
<b>ActivityType:</b>	Meeting
<b>TargetGroup:</b>	Faculty From Computer Department

### Brief Summary about Activity:

This activity was the part of Computer Department Of Sinhgad Institute Of Technology; Lonavala has Organized Departmental Advisory Board Meeting on 4th July, 2024. For this meeting External Academician, Industry representative, Parent representative, and student representative were present. This meeting is conducted to Contribute to the success of department.





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**Department of Computer Engineering**

## Departmental Advisory Board (DAB)

### Academic Year 2024 -2025

Sr. No.	Name of the Member	Designation and Organization	Contact/ Email
1.	Dr. S. R. Patil	HOD Computer , SIT Lonavala	9921272469
2.	Dr. D.S. Mantri	IQAC Coordinator , Dean Academics SIT Lonavala	9922431612
3.	Dr. Dipti Patil	External ( Academician)Cummins	9226980947
4.	Dr. Sunil Mane	External (Academician)COEP	9822799644
5.	Mr.Suraj Borge	Industry Representative	8087696343
6.	Mr.Harish Soni	Alumni Representative	8104299264
7.	Mr.Pravin Latane	Parent Representative	9423166094
8.	Dr.A.V.Surana	Department R&D coordinator SIT Lonavala	9637826545
9.	Prof.S.B.Nimbekar	Department NAAC/NBA Coordinator SIT Lonavala	8087799608
10.	Prof.J.S.Choudhari	Department TPO Coordinator SIT Lonavala	7709754570
11.	Ms.Aditi Latane	Student Representative SIT Lonavala	7020860682
12.	Mr.Prathamesh Tondilkar	Student Representative SIT Lonavala	8237103509

**Frequency of meeting:** At least once in a semester

**IQAC Coordinator**

**Principal**



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**A. Agenda of Meeting :**

- Compliance of Departmental report
- Suggestion in result
- Comments on CO/PO/PSO
- Comment on Vision Mission
- Organization of additional program if any
- Faculties Achievement
- Students Achievement
- Future plan



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## Department of Computer Engineering

### Minutes of Meeting

Sr. No	Points of Agenda	Discussion	Action taken
1.	Departmental Compliance	Regarding research required to calculate H-index and I-10 index again	We are working on it.
2.	Suggestion in Results	Results are good	-----
3	Comments on CO/PO-Mapping	We can Modify the CO/PO Mapping Given by university if required.	Working
		Map university question paper with CO For Attainment.	Working
		Take course exit survey in Mid of Semester so that it can be improved.	Working
		Required to add research word in PSO.	Working
4.	Comment on Vision Mission	All ready formed	-
5	Organization of additional program	Arrange program for students for content beyond syllabus and call alumni for interaction.	We have started to form committee of different clubs where one member is from Alumni.
6	Faculties Achievement	Faculty should more focused on research.	Motivating faculty for research
		Try to Map Lab innovations with Patent.	Working on it
7	Students Achievement	Give students more problem statement from SIH to implement projects	From this A.Y. we already given" THEME" based projects.

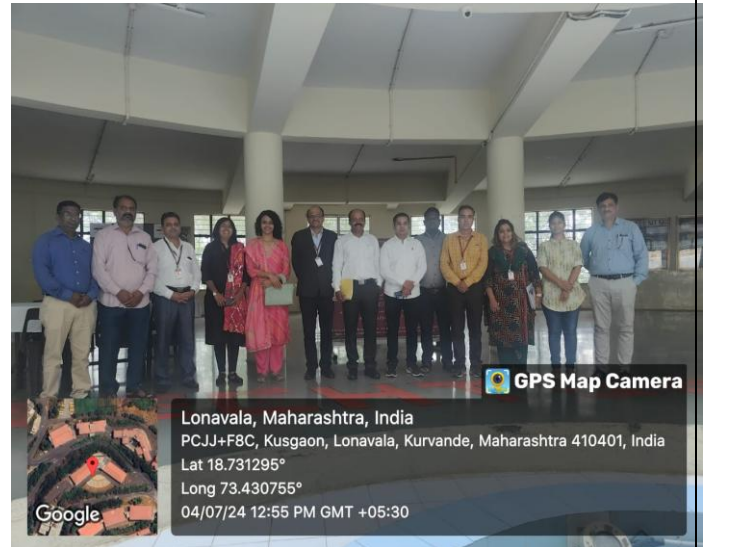


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Date: 04/07/2024

## Attendance Details

Sr. No.	Name of the Member	Designation and Organization	Contact/ Email	Signature
1.	Dr. S. R. Patil	HoD Computer , SIT Lonavala	9921272469	
2.	Dr. D.S. Mantri	IQAC Coordinator , Dean Academics SIT Lonavala	9922431612	
3.	Dr. Dipti Patil	External Academician(Cummins )	9226980947	
4.	Dr. Sunil Mane	External Academician(COEP )	9822799644	
5.	Mr.Suraj Borge	Industry Representative	8087696343	
6.	Mr.Harish Soni	Alumni Representative	8104299264	online mode.
7.	Mr.Pravin Latane	Parent Representative	9423166094	
8.	Dr.A.V.Surana	Department R&D coordinator SIT Lonavala	9637826545	
9.	Prof.S.B.Nimbekar	Department NAAC/NBA Coordinator SIT Lonavala	8087799608	
10.	Prof.J.S.Choudhari	Department TPO Coordinator SIT Lonavala	7709754570	
11.	Ms.Aditi Latane	Student Representative SIT Lonavala	7020860682	
12.	Mr.Prathamesh Tondilkar	Student Representative SIT Lonavala	8237103509	
13.	Dr. S. D. Babar	Principal	9881383333	



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Sr. No.	Name of the Member	Designation and Organization	Contact/ Email	Signature
14.	Dr. M. S. Gaikwad	Campus Director	9604182030	
15.	Garaj Borge			
16.	N. K. Patil	Assistant Professor	9423340927	
17.				
18.				

DAB coordinator

Dr. A. V. Surana

H.O.D

Dr. S. R. Patil

IQAC Coordinator

Dr. D. S. Mantri

Principal

Dr. S. D. Babar