SINHGAD TECHNICAL EDUCATION SOCIETY'S

SINHGAD INSTITUTE OF TECHNOLOGY
Kusgaon (Bk), Lonavala 410401

DEPARTMENT OF INFORMATION TECHNOLOGY

Report on

Department Advisory Board Committee

AY 2024-25

Coordinated By

Prof.B.N.Babar

Vision and Mission of the Institute

VISION

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटीबध्दा: वयम् |

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

MISSION

Holistic development of students and teachers. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer.

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.

- **Vision Mission of Department**

- **VISION**

The department of IT visualizes teaching learning methodologies to create groomed, technically competent, skilled intellectual IT professionals to achieve the challenges of dynamic needs of local as well global industry and professional community.

- **MISSION**

- The department offers students and faculty with an open environment that fosters professional and personal growth.

- Acquiring knowledge of Information Technology and learning its application through innovative practices and possess high morale, ethics, lifelong learning skills, concern for the society and environment.

Short Term Goals

- The department offers students and faculty with an open environment that fosters professional and personal growth.
- To strengthen the institute-industry relationship for mutual benefits.
- To initiate technical development programs and certification examinations for skills development of students.
- To establish project-based learning model for real life learning to improve academic performance of students and maintain high placement record

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Department of Information Technology

Long Term Goals

• To provide dynamic curriculum to meet the requirements of industries.

• To strengthen patent-based research and product development efforts for supporting indigenous market.

• To foster research in the field of Information Technology for the benefits of society.

• To create better entrepreneurs in the IT Sector.

Program Educational Objectives: PEOs

• To provide strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges.

• To provide knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

• Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

• Shall Have commitment to ethical practices, societal contributions through communities and lifelong learning.

• Possess better communication, presentation, time management and teamwork skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.

Program Specific Outcomes: PSOs

1. An ability to apply diverse Information Technology concepts to solve complex business and computational problems through the analysis, design, development and management of information processing systems and applications in interdisciplinary domains.

2. Acquire technical, professional and social skills through the use of latest technology to be competent enough for professional responsibilities.

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Program Outcomes: POs

Students will be able to:

i) **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

ii) **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

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

iv) **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.

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

vi) **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.

vii) **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.

viii) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

ix) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

x) **Communication:** 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.

xi) **Project Management and Finance:** Demonstrate knowledge and understanding of the 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 environments.

xii) **Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological chang

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Title	DAB Meeting
Date:	26/08/2024
Day:	Monday
Venue:	Conference Room
Time:	10.00 AM To 12.00 PM
Staff Co-coordinator:	Mr.B.N.Babar
Activity Type:	Meeting
Target Group:	DAB members and Faculty of IT department.

Brief Summary about Activity:

The department of Information Technology, Sinhgad Institute of Technology, Lonavala has Organized Departmental Advisory Board Meeting on 26th Aug, 2024. For this meeting External Academician, Industry representative, Parent representative, Alumni representative and student representative were present. This meeting is conducted for overall development of the department.

Aim:

1. To fulfill latest requirements of the industry and incorporating necessary components in the curriculum as much as possible.

2. Supplementing the existing career counseling and placement services to increase the availability of job opportunities.

3. Assisting the Department in acquiring the resources necessary to continue its development as a leader in the education.

OBJECTIVES OF DAB:

The prime objective of the DAB is to develop a system for conscious, consistent and catalytic improvement in the department.

DAB will facilitate / contribute:

1. To develop and recommend new or revised goals and objectives of the programme.
2. To review and analyze the gap in the curriculum and give necessary feedback or advice actions.
3. To guide regarding overall development of the department.
4. To bridge the gap between industry and academics.

Date-03/07/2024

Department Advisory Board Committee (DABC)
Academic Year:2024-2025

Sr. No.	Name of the Member	Designation and Organization	Contact/Email
1.	Dr. R.V. Babar	HOD, SIT, Lonavala	9423558020
2.	Dr. D.S. Mantri	IQAC Coordinator, Dean Academics SIT, Lonavala	9922431612
3.	Dr. Santosh Chobe	Professor and Head, IT Dept., PCCOER, Ravet, Pune.	9822808289
4.	Dr. Vikas Nandgaonkar	Assoc. Professor, Department of Computer Engg. Indira COEM, Pune.	9822397772
5.	Mr. Mahesh Katgeri	Network and Security Focal, IBM, Pune	9890061413
6.	Mr. Omkar Chitnis	Associate Consultant, ITC Infotech, Pune.	9967264279
7.	Mr.Omkar Khandebharad	Alumni Representative Graduate Engineer Trainee (GET), Worldline, Pune	7378712395
8.	Ms. Ashwini Dalvi	Alumni Representative	9322388342
9.	Mr. Kadav Vijay	Parent Representative	9021844076
10.	Mr. B. N. Babar	NBA / NAAC Coordinator, SIT, Lonavala	8390093242
11.	Dr. P. C. Latane	R&D Co-ordinator, SIT, Lonavala	9423166094
12.	Mr. F. S. Ghodichor	Department TPO, SIT, Lonavala	9823901007
13.	Mr. Savim Meshram	Student Representative, SIT, Lonavala	9284119556
14.	Ms. Manasi Ahire	Student Representative, SIT, Lonavala	9579091484

Frequency of meeting: At least once in a semester

Head of Department   **IQAC Coordinator**   PRINCIPAL
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Agenda of Meeting

- ➢ Vision & Mission, PSO's, PEO's

- ➢ Department at a glance

- ➢ Department Organization and functioning, Infrastructure

- ➢ Teaching Learning Process

- ➢ Co-curricular activities

- ➢ Students and Faculty Achievements

- ➢ Result, Placement and MOU's

- ➢ Extra-curricular activities

- ➢ Future Plan

Minutes of Meeting

➢ **During the presentation following points were briefed:**

- **Vision & Mission, PSO's, PEO's :** Vision and Mission of institute and department ,PSOs,PEOs,short term goals and long term goals of department.

- **Department at a glance:** Department achieved milestones.

- **Department Organization and functioning, Infrastructure**: Different academic,R&D,T&P, Examination schemes,policies,TG scheme.

- **Teaching Learning Process:** Internal assessment norms and progress card.

- **Co-curricular activities:** VAP, STP, Seminars and Workshops related activities.

- **Students and Faculty Achievements:** Students achievements in NPTEL courses, Trainings and internship with faculty publications, Copyright, Book publication, FDP, Workshop, Resourse person and University contribution.

- **Result, Placement and MOU's:** Five year student's result, Placement, MOU's and their importance.

- **Extra-curricular activities:** Such as Sports facilities, Cultural activities and their achievement..

- **Future Plan:** Improvement in funds, Research and faculty Ph.D.

➢ **During the meeting following points were discussed:**

Sr.No	Points of Agenda	Discussion
1	**Subject Suggestion**	Networking and Cloud security Adoption in course.
2	**Alignment of course subject**	Alignment of subjects from SE to BE for particular course.
3	**Industry involvement**	Initiate to students connect with Part time to industry.
4	**Project Innovation**	Initiate Project related work in to Startups
5	**Industry lab**	Initiate to Industry funded lab.
6	**PBL Project**	PBL relevant work should be published through copyright, project competition and Startups.

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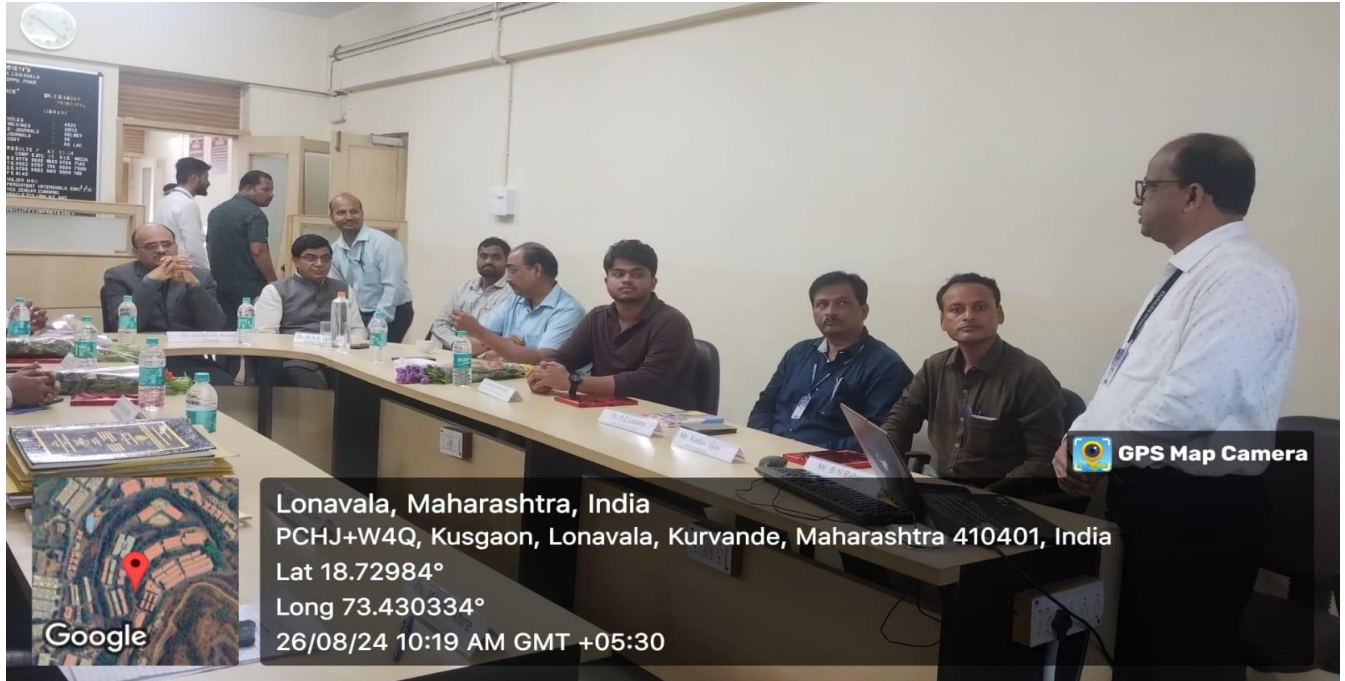## Department of Information Technology

Glimpses

Dr.Santosh Chobe, Prof & Head IT PCCOER, Ravet felicitated by Campus Director Dr.M.S.Gaikwad

Dr.Vikas Nadgaonkar,Associate Prof,Dept of Computer Engineering, Indira COEM,Pune felicitated by Principal Dr.S.D.Babar.

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Dr. R. V. Babar, Head IT, while giving presentation of Department progress.
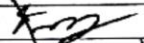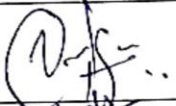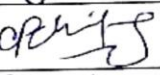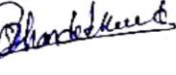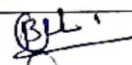
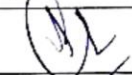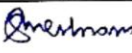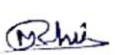**Discussion and suggestions session with Department Advisory Board Committee**

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Attendance
Date-26/08/2024

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Year 2023-24

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Head of Department

IQAC Coordinator

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