



CYCLE 3 - NAAC ACCREDITATION 2024

CRITERION 2

TEACHING LEARNING AND EVALUATION

2.6 Student Performance and Learning Outcome

Submitted to:



National Assessment and Accreditation Council



2.6 Student Performance and Learning Outcome

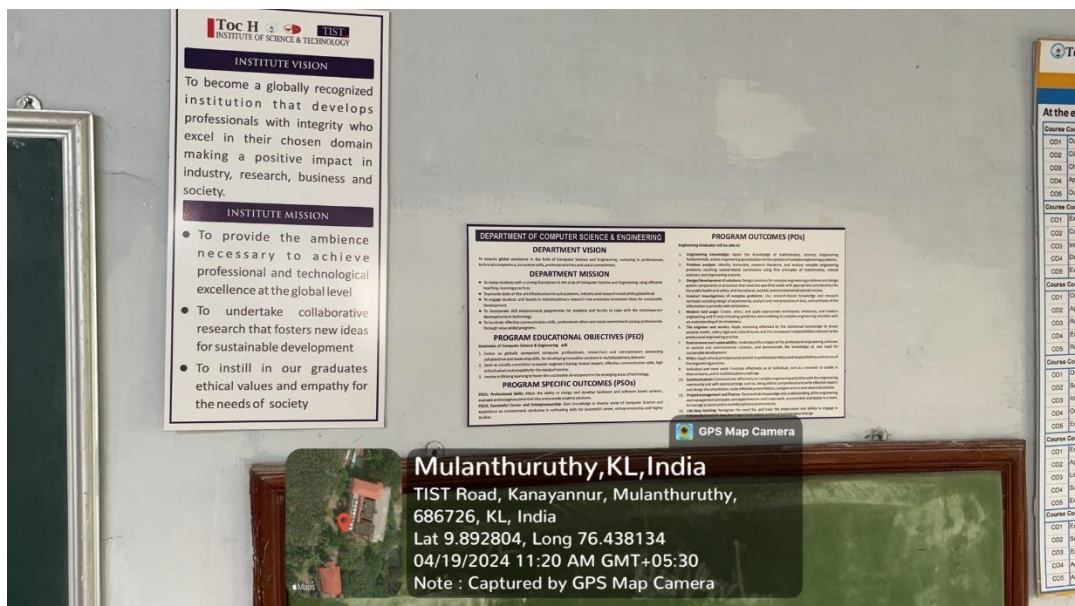
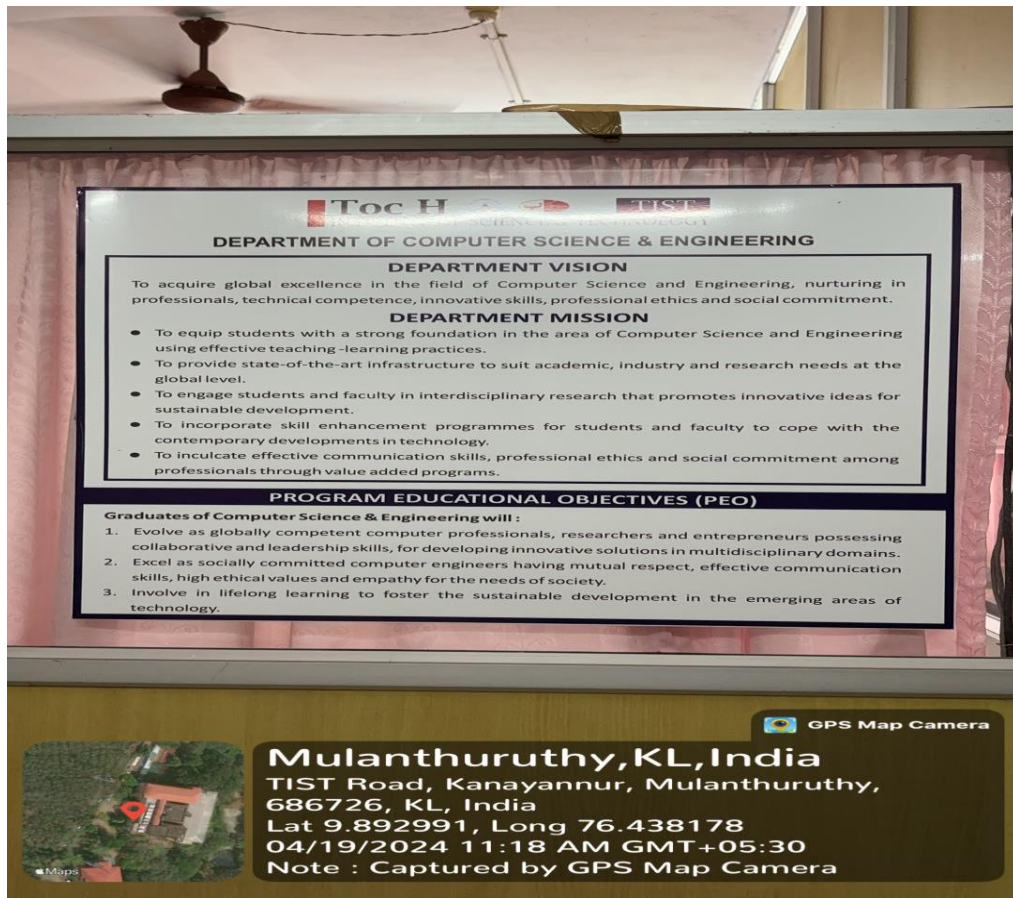
2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the Institution are stated and displayed on website

Weblink

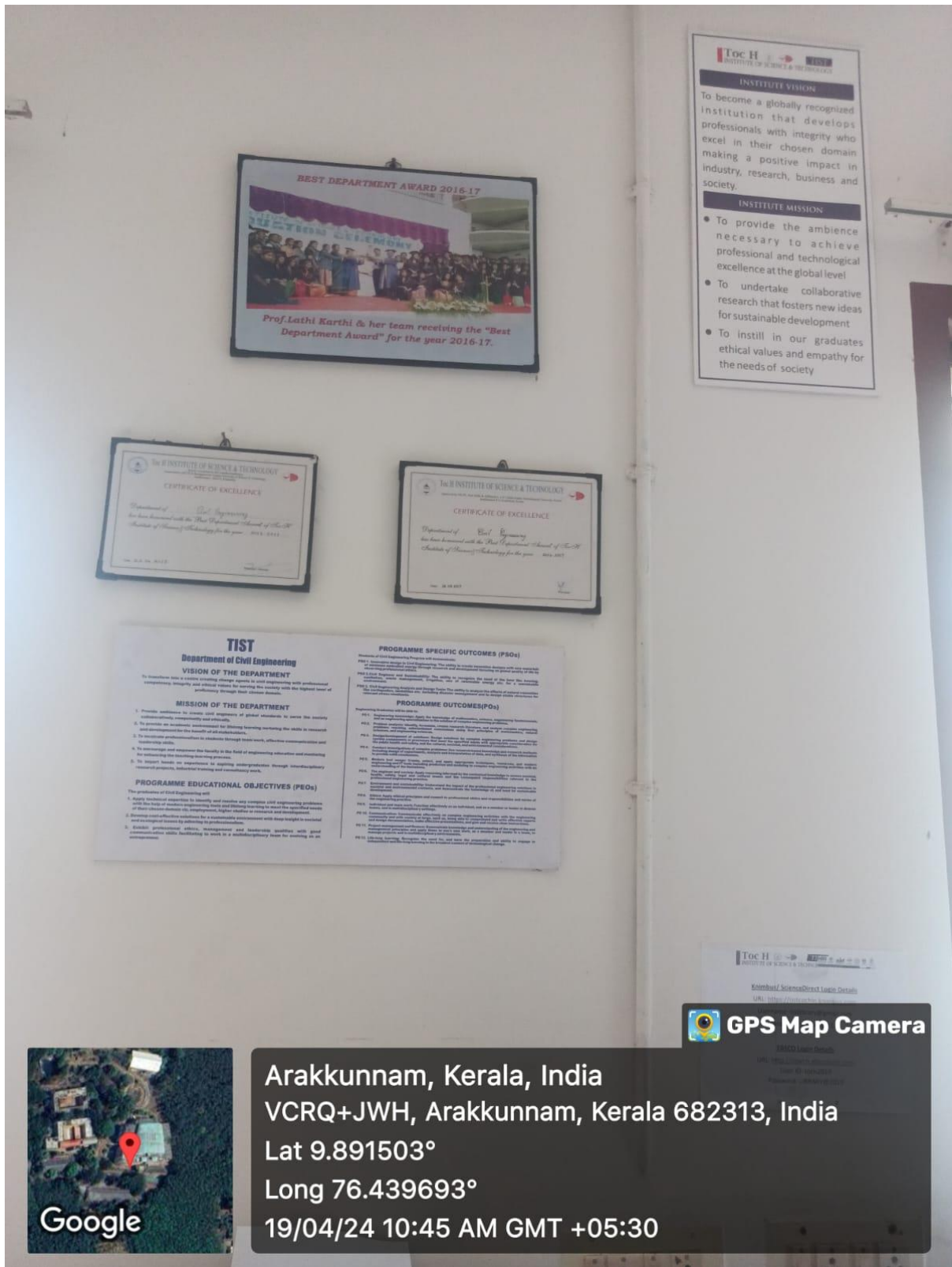
Sl.No	DEPARTMENT	LINK
1	CIVIL ENGINEERING	https://tistcochin.edu.in/ce/peo-po-pso-co/
2	COMPUTER SCIENCE & ENGINEERING	https://tistcochin.edu.in/cs/peo-po-pso-co/
3	ELECTRONICS & COMMUNICATION ENGINEERING	https://tistcochin.edu.in/ec/peo-po-pso-co/
4	ELECTRICAL & COMPUTER ENGINEERING	https://tistcochin.edu.in/el/peo-pso/
5	ELECTRICAL & ELECTRONICS ENGINEERING	https://tistcochin.edu.in/eee/peo-po-pso-co/
6	INFORMATION TECHNOLOGY	https://tistcochin.edu.in/it/peo-po-pso-co/
7	MECHANICAL ENGINEERING	https://tistcochin.edu.in/me/peo-po-pso-co/
8	ROBOTICS & AUTOMATION	https://tistcochin.edu.in/ra/peo-po-pso-co/
9	SAFETY & FIRE ENGINEERING	https://tistcochin.edu.in/sf/peo-po-pso-co/
10	MASTER OF BUSINESS ADMINISTRATION	https://tistcochin.edu.in/mba/peo-po-pso-co/



DISPLAY BOARD



CLASS ROOM



TIST
Department of Civil Engineering

VISION OF THE DEPARTMENT
To transform into a global, cutting-edge center of excellence in civil engineering with professional and ethical values for serving the society with the highest level of competency, integrity, innovation and research.

MISSION OF THE DEPARTMENT

1. Provide education for creating civil engineers of global standards to serve the society sustainably, responsibly and ethically.
2. To provide an excellent environment for offering learning, nurturing the skills in research and development for the benefit of all stakeholders.
3. To inculcate professionalism in students through both hard, soft, affective communication and leadership skills.
4. To encourage and empower the faculty in the field of engineering education and mentoring by supporting their teaching and research.
5. To impart broad and experiential learning opportunities through interdisciplinary research projects, industrial training and community work.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)
The graduates of Civil Engineering will:

1. Acquire technical expertise to identify and resolve any complex civil engineering problems of the field of modern engineering from their learning to meet the specified needs of their clients.
2. Develop cost-effective solutions for a complex engineering problem through a sustained and methodical process of design.
3. Exhibit professional ethics, management and leadership qualities with good communication skills, teaming to work in a multidisciplinary team for solving an engineering problem.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

- PSO-1: Analyze design and construction. The ability to create innovative designs with the required engineering knowledge, design, analysis and construction skills at a given level of complexity.
- PSO-2: Cost Estimation and Management. The ability to estimate the cost of the project, manage the cost, and manage the project.
- PSO-3: Quality Management and Control. The ability to manage the quality of the project, manage the quality of the project, and manage the quality of the project.

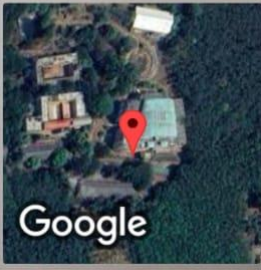
PROGRAMME OUTCOMES (POs)

- PO-1: Engineering Knowledge. Apply the knowledge of mathematics, science, engineering and computer science to solve complex engineering problems.
- PO-2: Problem Analysis. Identify, formulate, review research literature, and analyze a complex engineering problem systematically to determine requirements, constraints and relevant knowledge areas while defining a clear problem statement.
- PO-3: Design/Development of Solutions. Design a solution to a complex engineering problem by applying design skills based on the knowledge of mathematics, science, engineering and computer science.
- PO-4: Conduct Investigations of Complex Problems. Use research-based learning and design to identify complex engineering problems and apply knowledge to investigate these problems, with a minimum of supervision.
- PO-5: Modern Tool Usage. Select and apply appropriate software tools for the prediction and simulation of the behavior and performance of a system.
- PO-6: Communication. Communicate effectively on an individual, and as a member or leader in diverse teams and in global contexts, and on writing, reporting, designing and presenting.
- PO-7: Project Management. Apply management and leadership principles to plan, organize, manage, direct, control, monitor, and evaluate the activities of a team.
- PO-8: Sustainability. Apply sustainable development principles in their professional practice.
- PO-9: Lifelong Learning. Recognize the need for, and take the initiative for, continuous learning in their professional domain.

INSTITUTE VISION
To become a globally recognized institution that develops professionals with integrity who excel in their chosen domain making a positive impact in industry, research, business and society.

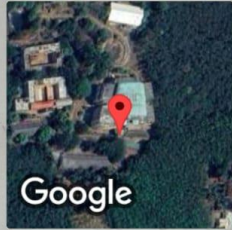
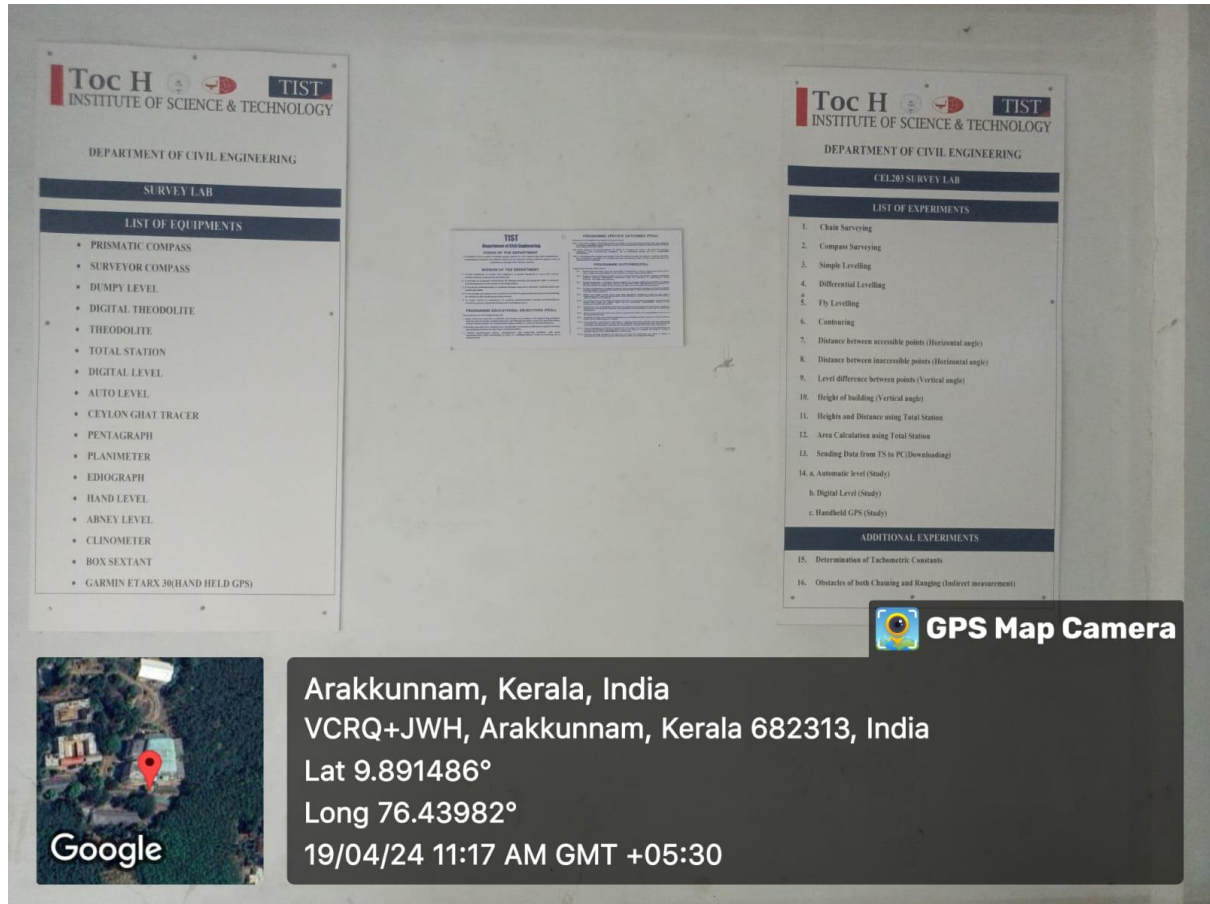
INSTITUTE MISSION

- To provide the ambience necessary to achieve professional and technological excellence at the global level
- To undertake collaborative research that fosters new ideas for sustainable development
- To instill in our graduates ethical values and empathy for the needs of society



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OFFICE ROOM



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LABORATORY