



Hope Foundation's
Finolex Academy of Management and Technology
P60, P60-1, MIDC, Mirjole, Ratnagiri, Maharashtra, Pin 415639
Information Technology Department

Department's Vision

To provide excellent Information Technology education and aspire to nurture students as leaders who are in tune with global IT Trends

Department's Mission

- M1** To Enrich students by rigorously implementing quality education
(Knowledge)
- M2** To empower the students with the required skills to solve the complex problems of modern society by following collaborative, multidisciplinary and sustainable activities **(Skills)**
- M3** To imbibe professional ethics and social values in the students and make them responsible citizens **(Attitude)**



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Program Educational Objectives (PEOs)

PEO1	To provide learners with Core Competence in mathematical, scientific and basic engineering fundamentals necessary to formulate, analyse and solve hardware/software engineering problems.
PEO2	To prepare learners to solve business-centered problems by identifying, analyzing, developing, and implementing information system-based solutions with modern programming tools. To encourage learners to use best practices and implement technologies to enhance information security and enable compliance, ensuring confidentiality, information integrity, and availability.
PEO3	To prepare learners for successful career in Indian and Multinational Organizations, Identify and evaluate current and emerging technologies. To provide our graduates with learning environment awareness of the life-long learning. To motivate students to pursue it throughout their career and higher studies. To encourage and motivate learners for Research & Development and entrepreneurship.
PEO4	To introduce learners to ethical codes and guidelines including professional, ethical, legal and public policy issues to perform excellence, show leadership skills and demonstrate good citizenship
PEO5	To develop effective written and oral communication skills to interact with clients, users, co-workers and managers. To enable learners to work as part of teams on multidisciplinary projects and diverse professional environments to accomplish a common goal by integrating personal initiative and group cooperation.



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Program Outcomes (POs)

Sr.	PO Domain	Program Outcomes: The students of Information Technology (IT) Department will be able to:
PO1	Engineering Knowledge	Apply the knowledge of mathematics, science and engineering fundamentals to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using principles of mathematics, natural sciences, and engineering.
PO3	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.
PO4	Investigation of user needs	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems
PO5	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.
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 the engineering practice.



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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	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.
PO11	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.
PO12	Life-Long Learning	Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
PSO 1	Realistic Framework Designing	Design an algorithm, component, or stable process to meet desired needs for Multidisciplinary IT systems, within realistic constraints through cyber security, analytical, logical and problem-solving skills.
PSO2	IT Integration and Adaptability	Effectively integrate IT-based solutions into the user environment and adapt themselves easily to emerging trends in Information Technology such as Analytics, Blockchain, Cloud, Data science

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Institute Vision & Mission

Vision

The academy aspires to nurture students as leaders who are in tune with global trends, equipped with engineering knowledge and practical skills, to excel in creativity and innovation in order to play their part in technological advancement of the nation.

Mission

1. To become foremost seat of advanced technical learning as a center of excellence in the region.
2. To offer state of the art facilities and quality education at affordable cost
3. To inculcate in students the culture of 'Play Hard and Play Fair'.
4. To advance sustainable development in the region through opportunities for entrepreneurship and industry-institute interaction.
5. To create a generation of young professionals who appreciate in all its aspects the necessity of balance between technological advances and traditional values.