



Department of Civil Engineering

Vision:

Strive for technical excellence in civil engineering

Mission:

1. To impart practical based learning through consultancy to meet the needs of industry
2. To establish center of excellence by imparting software based skills in civil engineering.
3. To inculcate social and ethical values among the students.

Program Specific Outcomes (PSOs)

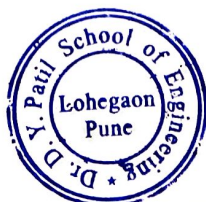
- 1) Plan and design any type of Civil Engineering structure like buildings, roads, bridges, dams, tunnels, canals etc., using modern methods of analysis subject to statutory provisions and Indian standards.
- 2) To address and give engineering solutions to environmental issues related to control of air and water pollution, treatment and disposal of wastes likes solid, sewage and industrial waste etc., which crop up during and after execution of the development works.
- 3) Execute any civil engineering projects using new construction management techniques to achieve timely delivery with high quality standards.

Program Educational Objectives: (PEOs)

Our graduates will able to develop.

- 1) Developed professional ability to give quality engineering solutions to address civil engineering related societal burning issues like traffic congestion, equitable public water distribution, household disposal of solid waste etc.
- 2) Ability to start own entrepreneurship fulfilling the requirement of Civil Engineering products, testing and consultancy services, simultaneously maintaining high quality values, moral and ethical standards.
- 3) Developed ability to undertake high positions in the professional organisations and lead a team from front.


HoD
Civil Dept




Principal
DYP SOE



Department of Mechanical Engineering

VISION: "EMPOWERMENT THROUGH ACADEMIC EXCELLENCE"

MISSION:

- M1: Imparting Value Base Education
- M2: Integrating Engineering and Industry
- M3: Enhancing Employability and Entrepreneurship
- M4: Developing Research Culture

Program Specific Outcomes (PSOs)

Our students will,

PSO1: have competencies in usage of modern tools to optimally design, develop and manufacture product and process

PSO2: have incremental skills to enhance employability in the automotive and thermal engineering fields

PSO3: develop industry oriented attributes through effective training and continuous monitoring


Program Educational Objectives: (PEOs)

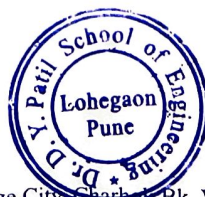
Our graduates will be,

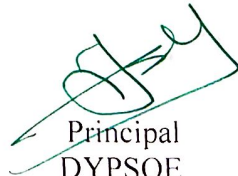
PEO1: able to apply engineering principles to develop products, processes or knowledge to solve mechanical and associated engineering problems for successful careers in mechanical engineering/higher education/research

PEO2: acquire leadership qualities with strong communication skills along with professional and ethical values

PEO3: able to become entrepreneur / innovators to design and develop manufacturing systems and services to address social, technical and business challenges.


HoD
Mechanical Dept




Principal
DYP SOE



Department of E&TC Engineering

Vision:

Imparting quality technical education to meet the needs of industry & society

Mission:

- M1.** To create center of learning through an integrated, interdisciplinary approach
- M2.** To impart employability skill among students
- M3.** To establish Industry linkages

Program Specific Objectives (PSO's)

Our Students will

- PSO 1:** Understand the fundamentals of designing electronic systems for applications like communication systems, signal processing, embedded and VLSI systems and automation.
- PSO 2:** Strengthen the ability to use open source tools for modeling and simulation to solve technical problems.
- PSO 3:** Inculcate the skills to manage and lead a team contributing to development of prototype, application, and product in next generation technologies.


Program Educational Objectives (PEO's)

Our graduate will be

- PEO 1:** able to apply engineering principles to design and develop a hardware / software / firmware to solve engineering problems for successful career in E&TC engineering / higher education / research.
- PEO 2:** acquire leadership qualities with strong communication skills along with professional and ethical values.
- PEO 3:** able to become entrepreneur / innovators to design and develop manufacturing systems and services to address social, technical and business challenges.


HoD
E&TC Dept




Principal
DYPSOE



Department of Computer Engineering

VISION: "To achieve excellence in technical and socio-economic fields."

MISSION:

- M1:** To develop excellent learning center through continuous up gradation in technologies in proximity with Academia, R&D centers and Industries.
- M2:** To pursue research of local and global relevance.
- M3:** To encourage students to consider "startups" as a career option through Entrepreneurship Development Cell.
- M4:** Uplift and groom the learners to emerge as committed professionals.

Program Specific Outcomes (PSOs)

A students 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.

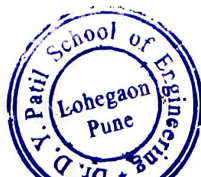
PSO3: Entrepreneurship skills- The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to become an entrepreneur, and a zest for higher studies.


Program Educational Objectives: (PEOs)

Our graduates will be able to,

- PEO1:** be globally competent having strong fundamentals, domain knowledge, updated with modern technology to provide the effective solutions for engineering problems.
- PEO2:** Work as a committed professional with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.
- PEO3:** be committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking.


HoD
Computer Dept




Principal
DYP SOE