

College of Engineering Pune
A. Y. 2019 – 2023
M. Tech. Civil – Structural Engineering
Program Outcomes

POs	After completion of the program, Graduates will be able to
PO-1	Apply the knowledge of science, mathematics, and engineering principles for developing problem solving attitude.
PO-2	Write and present a substantial technical report/ document.
PO-3	Demonstrate a degree of mastery in Structural Engineering. (The mastery at a level higher than the requirements in the appropriate bachelor program.)
PO-4	Gain knowledge/ skill in integrating Structural Engineering concepts for collaborative multidisciplinary solutions, carry out planning and management of projects considering economic and financial factors as a member and as a leader of the team.
PO-5	Recognize the need for and have ability in lifelong learning independently for professional advancement, demonstrate professional ethics, work culture and understanding of responsibility to contribute to community for sustainable development of society.

Program Educational Objectives

1. Graduates of the program will have in-depth knowledge to identify and formulate challenging problems in Structural Engineering, apply appropriate research methodologies, use modern engineering tools and provide technically sound, economical and sustainable solutions.
2. Graduates will have ability for higher studies and undertake high value research on Structural Engineering and other related issues.
3. Graduate of program will actively engage in a professional career as a Structural Consultant and has sound analytical and lateral thinking ability to engage in lifelong learning for professional advancement to cope up with multidisciplinary and changing technologies in Structural Engineering.
4. Graduates of the program will have sense of social responsibility, will demonstrate ability to communicate and work effectively as a team member in an ethical way, and will play leadership roles in their profession, public services and community.