Programme: M. Tech. in Computer Aided Structural Engineering

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 – Knowledge Attainment: Post - Graduates shall have sound proficiency and practical knowledge in various fields of Structural Engineering leading to a successful career.

PEO 2 - Employability / Higher Education / Entrepreneurship: Post-Graduates shall be prepared for employment in Government, Industry or private organizations and have in them a strong desire for Higher Education / Entrepreneurship.

PEO 3 - Integrity and Ethics: Post-Graduates shall conform to professional ethics and contribute to uphold the integrity of their profession

PROGRAMME OUTCOMES (POs)

1. Technical Skills: Post-Graduates will develop confidence and technical skills for taking up research, consultancy and teaching as a profession.

2. Problem analysis / Development of solutions: Post-Graduates will attain an ability to identify, formulate and design system components or processes that meet the specified needs to solve complex structural engineering problems.

3. Conduct investigations of complex problems: Post-Graduates will be able to conduct investigations of complex structural engineering problems using research based knowledge and tests / experiments.

4. The engineer and society: Post-Graduates will understand the impact of engineering solutions on environment and the society.

5. Ethics: Post – Graduates will have a strong Professional and Ethical responsibility.

6. Communication: Post-Graduates will be able to communicate effectively in both verbal and written forms to the technical community as well as society.

7. Face Challenges: Post-Graduates will develop confidence to face newer challenges in Industry / society.


9. Adopt new technology: Post-Graduate will learn to adopt new technology by properly understanding the pros and cons to implement the same successfully.