

Program Educational Objectives (PEOs)

The Chemical Engineering Undergraduate Programme at NITK is designed such that within five years of graduation, the graduates from the Department of Chemical Engineering will

PEO1: Advance professionally in the practice of chemical engineering in chemical, petrochemical, fertilizer, pharmaceutical, polymer, materials, biotechnology, energy and other related industries or allied fields.

PEO2: Advance professionally in their chosen career path, wherein they apply the communicative, logical, analytical, computational or problem-solving skills developed during their graduate study to their professional practice fulfilling the ethical and social responsibilities.

PEO3: Successfully collaborate and work in multidisciplinary teams to tackle complex multifaceted problems.

PEO4: Pursue advanced studies and research in Chemical or other related engineering fields, biotechnology and management.

PEO5: Assume leadership roles in industry or business in the context of societal needs.