

PROGRAMME OUTCOMES (POs) :

Graduates of the M. E. Environmental Management Programme will be able to

PO1	Knowledge of Engineering Sciences	Apply the knowledge of mathematics, science and engineering fundamentals to the conceptualization of environmental problems
PO2	Problem analysis	Understand the environmental, social and economic framework in which environmental management decisions are made taking into account the life cycle perspective, systems approach and environmental technologies.
PO3	Design / development of solutions	Design solutions for complex environmental issues and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
PO4	Investigation	Conduct investigations of Environmental problems including extraction of pertinent information through literature survey, apply appropriate research methodologies, analysis and interpretation of data, and synthesis of information to provide valid conclusions
PO5	Modern Tool Usage	Utilize quantitative knowledge and modern tools to assess, analyze, plan, and implement environmental management systems
PO6	Individual and Team work	Function effectively as an individual and as a member or leader in diverse teams and in multi-disciplinary settings and demonstrating a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis.
PO7	Communication	Communicate proficiently in writing and speaking for promoting and coordinating public consultations on environmental matters and for negotiating environmental service agreements and managing associated costs and revenues
PO8	Engineer and Society	Recognize, evaluate, and control factors in the workplace and the environment that cause health and environmental hazards. and liaison with regulatory agencies on issues pertaining to environmental protection
PO9	Ethics	Understand and commit to professional ethics and responsibilities of Environmental Managers and to contribute to the society for sustainable development.
PO10	Environment and Sustainability	Assess the potential environmental impact of development projects and design mitigation measures anticipating and evaluating environmental issues in a variety of sectors and industries
PO11	Project Management and Finance	Prepare, review, and update environmental monitoring and assessment Reports and monitor progress of environmental improvement programs
PO12	Life Long Learning	Develop ability to engage in independent and life-long learning to improve competence by critical examination of the outcomes of one's actions in addressing environmental issues and learning from corrective and preventive measures.