

PROGRAMME OUTCOMES (POs):

On successful completion of the two year programme, the graduates will exhibit ability to

PO#	Graduate Attribute	Programme Outcome
PO1	Engineering knowledge	Demonstrate knowledge of mathematics, science and engineering
PO2	Problem analysis	Demonstrate an ability to identify, formulate and solve engineering problems.
PO3	Design/development of solutions	Demonstrate an ability to design and conduct experiments, analyze and interpret data.
PO4	Conduct investigations of complex problems	The students will be able to analyze complex problems and investigate Transport and Highway problems by directly assessing the field conditions through surveys and field testing.
PO5	Modern tool usage	Demonstrate and apply appropriate techniques, resources, and modern engineering tools in Transportation and Highway Design such as CAD, GIS and ITS including prediction and modeling with an understanding of the limitations.
PO6	The Engineer and society	Graduate will analyze complex Transportation Engineering problems critically; apply independent judgment for synthesizing information to make intellectual and/or creative advances for conducting research in a wider theoretical, practical and policy context.
PO7	Environment and sustainability	Graduates will gain an in depth knowledge on the environmental issues and socio economic impacts of developing a sustainable Transport, Land use and Highway infrastructure.
PO8	Ethics	The concept of maintaining the ethics in both planning and design as well as commitment to improve knowledge and competence continuously in the field will be imparted to the graduates.
PO9	Individual and team work	Function in a multi-disciplinary team
PO10	Communication	Proficiency in oral and written Communication.
PO11	Project management and Finance	Implement cost effective and improved system in management of Transportation and Highway related projects.
PO12	Life-long learning	Continue professional development and learning as a life-long activity.