



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited with A+ Grade

(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)



Program: B.Tech. Civil Engineering

Semester VII

BCE4704: Program Elective-V (Urban Transportation Planning)

	Course Outcomes	CL	Class Sessions
BCE4704.1	Illustrate to Urban transportation planning; systems approach, types of models; concept of travel demand and supply;	3	9
BCE4704.2	Infer the Urban land use, network, and transport system characteristics affecting urban transportation planning; study area definition, zoning principles	4	9
BCE4704.3	Appraise Data collection through sources, sampling techniques; modelling approach; trip generation; trip distribute, trip assignment;	4	9
BCE4704.4	Defend land use-transport models; public transport planning, integration of different modes; travel demand its management with case study.	5	9
BCE4704.5	Modify Path assignment, Capacity restrained assignment and Multi path assignment - Route-choice behavior; Land use transportation models .	6	9