Devi Ahilya Vishwavidhyalaya, Indore, India Institute of Engineering & Technology					III Year B.Tech. (Civil Engineering)	
Course Code & Name	**Instructions Hours per Semester and Credits**					
6RVPC4 Technical Skills	**Classroom Instruction (CI)**		**Lab Instruction (LI)**	**Term Work (TW) and Self Learning (SL)**	**Total no. of Hours Per semester**	**Total Credits (Total Hours/30)**
	L	**T**	**P**	**TW+SL**	**60**	**2**
	00	**00**	**40**	**20**		

Course Learning Objectives:

1. To understand about road safety.
2. To discuss about different construction of highways in India.
3. To learn about IRC codes & applications of software

List of Experiment:

1. Road Safety Audit
2. Case Studies on construction of Highways.
3. Applications of different software used in civil engineering
4. Use of IRC codes for design of highways.
5. Low Cost Housing
6. Industrial Visit (PAN India)

CO. No.	CO	PO
CO1	To understand different traffic characteristics and how these affect the traffic performance.	PO-1, PO-2, PO-7
CO2	Understand the techniques and materials of highway construction	PO-2, PO-3, PO-6
CO3	Understand the role and applications different IRC code & software	PO-1, PO-2, PO-3, PO-6

1. Khanna, S.K. & Justo, C.E.G. – *Highway Engineering*, Nemchand & Bros, Roorkee, 2001.
2. Relevant IRC & IS codes.
3. Traffic Engineering and Transport Planning by L.R. Kadiyali, Khanna Publishers, Delhi.

CO-PO Relationship

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	
6RVPC4 CO1	2	3					2					
6RVPC4 CO2		2	2					3				
6RVPC4 CO3	2	2	3			2						