

### Specialization -I (Infrastructure Engineering)

Following courses are available for specialization under **Infrastructure Engineering**

Sr. No	Sem	Name of Courses	Name of Mentor Faculty	NPTEL Course Duration	NPTEL Course URL	Remark
1	III	Remote Sensing and GIS	Mr. Vinod Salunkhe	8 Weeks	<a href="https://swayam.gov.in/nd1_noc20_ce58/preview">https://swayam.gov.in/nd1_noc20_ce58/preview</a>	1.NPTEL Courses do not have no. of Hrs. for video Content, Self-Study 2. Semester Course Duration 45 Hrs
				4 Weeks	In house Training <a href="https://www.coursera.org/learn/gis-data-acquisition-map-design">https://www.coursera.org/learn/gis-data-acquisition-map-design</a> <a href="https://www.coursera.org/specializations/gis-mapping-spatial-analysis">https://www.coursera.org/specializations/gis-mapping-spatial-analysis</a> <a href="https://www.coursera.org/learn/gis">https://www.coursera.org/learn/gis</a>	
2	IV	Basic Construction Materials	Mr. Ghanshyam Pal	12 Weeks	<a href="https://nptel.ac.in/courses/105106206">https://nptel.ac.in/courses/105106206</a>	
3	V	Introduction to Multimodal Urban Transportation Systems (MUTS)	Mr. Pritesh Bhana	12 Weeks	<a href="https://swayam.gov.in/nd1_noc20_ce53/preview">https://swayam.gov.in/nd1_noc20_ce53/preview</a>	
4	VI	Urban Transportation System Planning	Mr. Pritesh Bhana	12 Weeks	<a href="https://nptel.ac.in/courses/105105208">https://nptel.ac.in/courses/105105208</a>	
5	VII	Urban governance and Development Management (UGDM)	Mr. Arpit Vyas	12 Weeks	<a href="https://onlinecourses.nptel.ac.in/noc20_ar12/preview">https://onlinecourses.nptel.ac.in/noc20_ar12/preview</a>	
6	VIII	Retrofitting and Rehabilitation of Civil Infrastructure	Mr. Swapnil Raut	12 Weeks	<a href="https://nptel.ac.in/courses/105/106/105106188/">https://nptel.ac.in/courses/105/106/105106188/</a>	