

Master of Planning (Transport Planning)

Curriculum Structure

Year 1 Semester 1

S. No	Course Title	Teaching (Hours/Week)				Assessment				
		L	T	St	Total	Type	Int	Ext	Total	Credits
1	Planning Studio - I (A.) Literature review, Area appreciation, Sustainable Site Planning (B.) Statutory Development Plan Appraisal	2	2	10	14	Internal +Jury	60	40	100	14
2	T&M 1: A. Planning Techniques B. Planning Theory	4	0	-	4	Internal +Exam	60	40	100	4
3	Socio-Economic & Environmental Dimensions of Planning	3	0	-	3	Internal +Exam	60	40	100	3
4	Housing & Infrastructure Planning	3	0	-	3	Internal +Exam	60	40	100	3
5	GIS & Remote Sensing	1	2	-	3	Internal +Exam	60	40	100	3
6	Elective – I: (Choose any one) A. Travel Behavior & Demand Assessment B. Transport Databases	3	0	-	3	Internal	100	-	100	3
	Total	16	4	10	30		400	200	600	30

Year 1 Semester 2

S. No	Course Title	Teaching (Hours/Week)				Assessment				
		L	T	St	Total	Type	Int	Ext	Total	Credits
1	Planning Studio - II (Comprehensive Traffic & Transportation Plan/ Mobility Plan/ Systems Plan/Infrastructure Plan for City)	2	3	10	15	Internal +Jury	60	40	100	15
2	T&M2: Urban Transport Planning	3	0	-	3	Internal +Exam	60	40	100	3
3	Regional Transport Planning	3	0	-	3	Internal +Exam	60	40	100	3
4	Analytical Land Use & Transit systems	3	0	-	3	Internal +Exam	60	40	100	3
5	Applied Quantitative Techniques & Software Application	3	0	-	3	Internal +Exam	60	40	100	3
6	Elective – II: (Choose any one) A. Energy, Transport & Environment B. Traffic Engineering	3	0	-	3	Internal	100	-	100	3
	Total	17	3	10	30		400	200	600	30

S. No	Course Title	Teaching (Hours/Week)				Assessment				
		L	T	St	Total	Type	Int	Ext	Total	Credits
1	Summer Internship (6 weeks during summer break)	-	-	-	-	Internal	100	-	100	5
	Total	-	-	-	-		100	-	100	5

Year 2 Semester 3

S.No	Course Title	Teaching (Hours/Week)				Assessment				
		L	T	St	Total	Type	Int	Ext	Total	Credits
1	Planning Studio - III (Intercity/ Corridor study/ Regional Transport Policy)	2	3	10	15	Internal +Jury	60	40	100	15
2	T&M3: Research Methods	3	0	-	3	Internal +Exam	60	40	100	3
3	Transport Infrastructure Design	3	0	-	3	Internal +Exam	60	40	100	3
4	Transport Policy, Institutional & Legislative Framework	3	0	-	3	Internal +Exam	60	40	100	3
5	Intelligent Transport Systems	3	0	-	3	Internal +Exam	60	40	100	3
6	Elective – III: (Choose any one) A. Public Transport Planning B. Freight Logistics Planning	3	0	-	3	Internal	100	-	100	3
	Total	17	3	10	30		400	200	600	30

Year 2 Semester 4

S. No	Course Title	Teaching (Hours/Week)				Assessment				
		L	T	St	Total	Type	Int	Ext	Total	Credits
1	Planning Studio - III: Thesis	-	-	21	21	Internal +Jury	60	40	100	21
2	Theory & Methods: Transport Project	3	0	-	3	Internal +Exam	60	40	100	3
3	Traffic Control & Road safety	3	0	-	3	Internal +Exam	60	40	100	3
4	Elective – IV (Choose any one) A. Transport Economics B. Highway Planning & Landscape Design	3	0	-	3	Internal	100	-	100	3
	Total	9	0	21	30		280	120	400	30
	Grand Total	58	11	51	120		1580	720	2300	125