

Maulana Azad National Institute of Technology, Bhopal – 462003
Department of Architecture and Planning

Masters in Planning (Real Estate Planning) Full Time

SCHEME OF STUDY (w.e.f July 2025)

First Semester:

First Semester:

Course No.	Subjects	Scheme of studies period per week			Total Credits
		L	T	P	
MC MT 1102	Quantitative Methods	3	--	--	3
AP RE 1101	Planning Studio-I	2	--	6	5
AP RE 1102	Urban Economics and Sociology	3	--	--	3
AP RE 1103	Planning Theory, Practices and Demography	3	--	--	3
AP RE 1104	Planning Techniques	3	--	--	3
	Elective-I (A)	3	--	--	3
	Elective-II (B)	3	--	--	3
AP RE 1105	Seminar-I	--	--	2	1
*HS 1101	Communication Skills	2	--	--	0
Total hours: 30 Total Credits: 24		Total Semester Credits			24
*HS 1101 Communication Skills 02 Credits (Not counted in SGPA/ CGPA calculations)					

Second semester:

Course No.	Subjects	Scheme of studies period per week			Total Credits
		L	T	P	
AP RE 1201	Real Estate Planning Studio-II	2	--	6	5
AP RE 1202	Applied Real Estate Valuation	3	--	--	3
AP RE 1203	Real Estate Legislation	3	--	--	3
AP RE 1204	Housing and Land Finance	3	--	--	3
	Elective-III (A)	3	--	--	3
	Elective-IV (A)	3	--	--	3
	Elective-V (C)	3	--	--	3
AP RE 1205	Research Methodology	1	1	--	2
AP RE 1206	Seminar-2	--	--	2	1
Total hours: 30 Total Credits: 50		Total Semester Credits			26

Third Semester:

Course No.	Subjects	Scheme of studies periods per week			Total Credits
		L	T	P	
AP RE 2101	Dissertation Phase - I	5	--	16	13
AP RE 2102	Training	--	2	--	2
Total hours: 22 Total Credits: 65		Total Semester Credits			15

Fourth Semester:

Course No.	Subjects	Scheme of studies periods per week			Total Credits
		L	T	P	
AP RE 2201	Dissertation Phase - II	5	--	20	15
Total hours: 24 Total Credits: 80		Total Semester Credits			15

List of Program Electives A		List of Open Electives C	
AP RE 1151	Building Information Modelling	BSE 25581	Bioprocess Engineering
AP RE 1152	AI and ML in Real Estate Planning	BSE 25582	Biophysics Tools and Techniques
AP RE 1153	Land Value Capture, ToD, TDR and Commercial Real Estate Management	CHE 25581	Analytical Techniques
AP RE 1154	Project Formulation and Appraisal	CHE 25582	Green Technology & Processes
AP RE 1155	Real Estate Market Research	CE 25582	Basic Concept of GIS
AP RE 1156	People and Organisations	CE 25583	Road Safety
AP RE 1157	Inclusive Real Estate, Affordable and Community Development	CSE 25581	Machine Learning
AP RE 1158	Citizen Partnership in Real Estate	CSE 25582	Advanced Data Structures and Algorithms
AP RE 1159	Environmental Planning	PHY 25581	Nanotechnology and Nanoscience
AP RE 1181	Project Cost and Estimation	EE 25581	Electric Machines & Applications
AP RE 1182	Planning Practice and Real Estate Ethics	EE 25582	Control and Instrumentation
AP RE 1183	Real Estate Models of Renewal and Revitalization	ECE 25581	Introduction to Fuzzy Logic
AP RE 1184	Construction Techniques Trends	ECE 25582	Neural Networks and its Applications
AP RE 1185	Infrastructure Planning and Financing	EC 25581	Energy Resource Technologies
AP RE 1186	Feasibility Analysis for Real Estate Markets	HUM 25581	Intellectual Property Rights for Engineers
AP RE 1187	Housing and Social Aspects of Real Estate	HUM 25582	Applied Psychology: Human Centered Design and Engineering
AP RE 1188	Sustainability and Real Estate Planning	MTH 25581	Advanced Operations Research
List of Departmental Electives B		MTH 25582	Computing Technologies
		ME 25581	Value Engineering
AP UP 1152	Planning for Disaster Prone Areas	ME 25582	Design Thinking
AP UP 1153	Urban Management and Governance	ME 25583	Mechatronics and NDT in Engineering
AP UP 1154	Energy Efficient Planning	MME 25581	Advanced Instrumentation Methods for Material Analysis
AP UP 1156	Application of Remote Sensing and GIS in Planning	MME 25582	Smart Materials and their Application
AP UP 1158	Land-use and Transportation Planning	MBA 25581	Engineering Startup Management
AP UP 1184	Urban and Peri-Urban Area Planning		