Faculty of Architecture and Planning
M. Arch- Digital Architecture R2021
Affiliated Institutions (non- Autonomous)
Minimum Requirements for Studio and Laboratory Equipment

A. Studios (For each batch)

Sl.No.	Description of Equipment	Quantity Required (R)
1.	Drawing Board of size A0 (110cm x 80cm), Stand and Stool (1 No./Student)	20
2.	Storage Facilities for Drawings and Models of students (1 No./ Student or equivalent)	20
3.	Permanent Display Panels Or Portable Display Panels	Min 4 Nos of 8' x 4' or equivalent -for a batch of 20

B. Laboratories (Equipment can be shared for respective subject hours as per timetable for each batch/year.)

1. Computer Lab

Sl.No.	Description of Equipment	Quantity Required (R)
1.	Computers with configuration to run required licensed software effectively (1 No./Student)	20
2.	Plotter (A1 size)	1 No.
3.	A4 Size Printer/Scanner	2 Nos.
4.	LCD with support system	1 No

2. Licensed Software for Computer Lab

Sl. No.	Purpose	Software Type (Latest version preferable)	Quantity Required (R)
1.	General Purpose Software for Word Processing, Spread Sheets, etc.,	Microsoft Office /Equivalent	1 No/ Computer
2.	2D & 3D Drafting, Modelling and Visualisation	AutoCAD/ equivalent; 3DS Max/ Sketchup/ equivalent	1 No/ Computer

3.	Visualisation, Image Editing, Presentation	Adobe Illustrator/ Photoshop/ Flash/ Director/ equivalent	1 No/ Computer
4.	Parametric Modelling Software	Rhino & Grasshopper plugin/ Equivalent	1 No/ Computer
5.	Building Information Modelling	REVIT / IESVE/ Bentley/ equivalent	1 No/ Computer
6.	GIS	ArcGis/ Autocad Map/ QGIS/ Equivalent	1 No/Computer

3. Equipment

SI.No.	Description of Equipment	Quantity Required (R)
1.	CNC Milling Machine	1
2.	Arduino Kit (For IoT and Sensor based experiments)	1
3.	3D Printer	1
4.	Wire Cutters	1

3. Other Labs

B. Arch Labs (Carpentry and Model Making Workshop, Surveying, Climatology, Acoustics and Lighting Laboratories) as required can be shared with additional requirements if any.