

**Faculty of Architecture and Planning
M.Arch- Conservation (R2017)**

Minimum requirements for Studio and Laboratory Equipment

A. Studios (For each batch)

Sl.No.	Description of Equipment	Quantity Required(R)	Quantity Available(A)	Deficiency (R-A)
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)	5		

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)	Quantity Available(A)	Deficiency (R-A)
1	Computers with configuration to run required licensed software effectively (1 No./Student)	20		
2	Plotter (A1size)	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)	Quantity Available (A)	Deficiency (R-A)
1.	General Purpose software for word processing, spread sheets, etc.,	Microsoft Office /Equivalent	1 No/ Computer		
2.	2D & 3D Drafting and Modelling	AutoCAD/equivalent; 3DS MAX/Sketchup/ equivalent	1 No/ Computer		

3.	Visualisation, Image Editing Presentation	Adobe Illustrator/Photoshop/Flash/Director/equivalent	1 No/ Computer		
4.	Building Information Modelling	REVIT/IESVE/Bentley/equivalent	1 No/ Computer		
5.	GIS	ArcGis/Autocad Map/QGIS/Equivalent	1 No/ Computer		
6.	Photogrammetry	Photomodeller/Equivalent	1 No/ Computer		
7.	Structural Calculations	Staad Pro	1 No/ Computer		

3. Equipment

Sl. No.	Purpose	Quantity Required (R)	Quantity Available (A)	Deficiency (R-A)
1.	Materials Testing Equipment (UTM/Compression Testing Machine/Equivalent)	1 No.		
2.	Digital Microscope	1 No.		
3.	High End Digital Camera for Documentation	1 No.		

4. Other Labs

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