

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

**A. Studios (For each batch)**

<b>Sl.No.</b>	<b>Description of Equipment</b>	<b>Quantity Required (R)</b>
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**

<b>Sl.No.</b>	<b>Description of Equipment</b>	<b>Quantity Required (R)</b>
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**

<b>Sl. No.</b>	<b>Purpose</b>	<b>Software Type (Latest version preferable)</b>	<b>Quantity Required (R)</b>
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.	Building Information Modelling	REVIT / IESVE/ Bentley/ equivalent	1 No/Computer
5.	GIS	ArcGis/ Autocad Map/ QGIS/ Equivalent	1 No/Computer
6.	Photogrammetry	Photomodeller/Equivalent	
7.	Structural Calculations	Staad Pro/ Equivalent	1 No/Computer

### 3. Equipment

Sl.No.	Description of Equipment	Quantity Required (R)
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, Surveying, Climatology, Acoustics and Lighting Laboratories) as required can be shared with additional requirements.