

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

A. Studios (For each batch)

| SI.No. | Description of Equipment | Quantity Required (R) |
|--------|---|---|
| 1. | Drawing Board of size A0 (110cm x 80cm), Stand and Stool | 1 No./ Student |
| 2. | Storage Facilities for Drawings and Models of students | 1 No./ Student or equivalent |
| 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

| SI.No. | Description of Equipment | Quantity Required (R) |
|--------|--|-----------------------|
| 1. | Computers with configuration to run required licensed software effectively | 1 No./ Student |
| 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

| SI.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. | Building Information Modelling | REVIT / IESVE/ Bentley/ equivalent | 1 No/ Computer |
| 5. | GIS | ArcGis/ Autocad Map/ QGIS/ Equivalent | 1 No/Computer |
| 6. | Photogrammetry | Photomodeller/Equivalent | |

3. Equipment

| Sl.No. | Description of Equipment | Quantity Required (R) |
|--------|--|-----------------------|
| 1. | High End Digital Camera for Documentation. | 1 No. |

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.