



COURSE NAME:-

## **ADVANCED DIPLOMA IN STRUCTURAL DESIGN AND ANALYSIS**

### **COURSE CONTENT**

#### **AUTOCAD**

2D-file,edit,view,format,tools,draw dimension,modify>window,expres,3D-Modeling, 3D Move,3D Rotate,3D Mirror,3D Array, Slice & Site layout.

#### **3D MAX:-**

File, Create, Tools, Group, Modifier, Animation, RENDERING, Lighting.

#### **MICROSOFT OFFICE**

Excel, Word, PowerPoint with project

#### **STAAD PRO**

File New Creating, Input Geometry(input nodes, input beams, input plates) input properties , input specification, constant supports, input loading system, design concrete, steel, specify analysis type, viewing results using output file.

#### **ADOBE PHOTOSHOP CS3**

File ,edit, image, layer, select, filter, analysis, view, window.

#### **REVIT**

File, edit, modeling, drafting, site, tools, setting

**PRACTICAL-** total station, GPS, auto level, lab testing.