



## 2nd year

It's time to put theory into structure: In the second year, students go deeper into building construction, working drawings, services, CAD, and sustainability. This is where ideas meet precision, and your models start speaking structure!

Note:

Exit after Semester 4 (Year 2) → awarded a Diploma of Vocation (DOV)

### SEMESTER 3 — YEAR 2

#### ● INTEGRATION IN BUILT SYSTEMS

##### *Architectural Design – I*

Small-scale spaces • User empathy  
• Residential design

##### *Building Construction & Tech II*

Load-bearing • Detailing • Construction stages

##### *Computer Aided Drawing (CAD I)*

AutoCAD • Layouts • Drafting standards

##### *Building Services I*

Plumbing • Drainage • Service planning

##### *Theory of Structures I*

Forces • Load paths  
• Structure-function integration

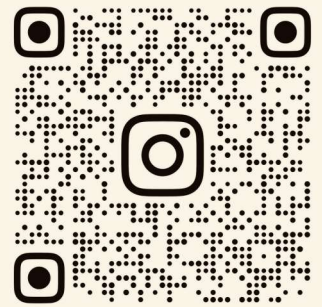
##### *Basic Surveying*

Site levels • Instruments • Spatial context

##### *Essence of Indian Constitution*

Civic structure • Rights • Governance

**BUILD**



DIPLOMA\_IN\_ARCHITECTURE\_AIKTC

### SEMESTER 4 — YEAR 2

#### ● REALIZING DESIGN IN DELIVERY

##### *Architectural Design – II*

Public space • Accessibility  
• Systems integration

##### *Computer Aided Drawing (CAD – II)*

Technical drawings • Layers • Presentation sets

##### *Working Drawing*

GFC • Construction details • Sectional drawings

##### *Estimating & Costing*

BOQ • Budgeting • Rate analysis

##### *Building Construction & Tech III*

RCC • Finishes • Site logistics

##### *Elective*

*(Housing / Landscape / Disaster Mgmt)*

Context • Specialization • Resilience