

**AMIET(I)**  
**Sec – A**  
**[ For all Branches ]**  
**First Semester**

<b>Paper Code</b>	<b>Subject</b>
A1	Mathematics – I
A2	Chemistry
A3	Electrical Technology
A4	Applied Physics

**Second Semester**

<b>Paper Code</b>	<b>Subject</b>
A5	Mathematics – II
A6	Mechanics
A7	Basic Electronics
A8	Engineering Drawing and Graphics

**SECTION - B**  
**III Semester**

<b>Paper Code</b>	<b>Subject</b>
BC1	Mathematics III
BC2	Water and Waste Water Engineering
BC3	Hydraulics
BC4	Transportation Engg

**IV Semester**

<b>Paper Code</b>	<b>Subject</b>
BC5	Society, Environment, Engineering
BC6	Building Construction
BC7	Surveying
BC8	Solid Mechanics

**V Semester**

<b>Paper Code</b>	<b>Subject</b>
BC9	Design of RC Structures
BC10	Foundation Engineering.
BC11	Hydropower Engineering
BC12	Operation Research

## VI Semester

Paper Code	Subject
BC13	Design of Steel Structures
BC14	Structural Analysis
BC15	Advanced Foundation Engineering
BC16	Industrial Economics & Management

## VII Semester

Paper Code	Name of the Subject
BC17	Irrigation Engineering
BC18	Prestressed Concrete & Adv. Design Of Structure
BC19	Estimation, Costing, valuation & Contract. & Tenders
BC20	Elective-I
BC20-I	Water resource system and planning
BC20-II	Valuation of Real Property
BC20-III	Design of Industrial Structure and Bridge
BC20-IV	Highway maintenance and management system

## VIII Semester

Paper Code	Name of the Subject
BC21	Structural Dynamics
BC22	Construction & Planning Management
BC23	Planning and design of airport
BC24-LAB	Civil Engineering Practical
BC25	Project