



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI  
(AUTONOMOUS)  
**Department of CSE**  
**CSIT**

**Category-I-AK23 No Change in Content**

S.No	YEAR & SEM	Course Code	Course Title
1	I-I	23AHM9901	Communicative English
2	I-I	23ABS9901	Chemistry
3	I-I	23ABS9904	Linear Algebra & Calculus
4	I-I	23AES0101	Basic Civil& Mechanical Engineering
5	I-I	23AES0501	Introduction to Programming
6	I-I	23AHM9902	Communicative English Lab
7	I-I	23ABS9906	Chemistry Lab
8	I-I	23AES0302	Engineering Workshop
9	I-I	23AES0502	Computer Programming Lab
10	I-I	23AHM9903	Health and wellness, Yoga and Sports
11	I-II	23ABS9905	Differential Equations & Vector Calculus
12	I-II	23AES0201	Basic Electrical & Electronics Engineering
13	I-II	23AES0301	Engineering Graphics
14	I-II	23AES0503	IT Workshop
15	I-II	23APC0501	Data Structures
16	I-II	23AES0202	Electrical & Electronics Engineering Workshop
17	I-II	23APC0502	Data Structures Lab
18	I-II	23AHM9904	NSS/NCC/Scouts & Guides/Community Service
19	II-I	23ABS9913	Discrete Mathematics & Graph Theory
20	II-I	23AHM9905	Universal Human Values
21	II-I	23APC0506	Object-Oriented Programming Through JAVA
22	II-I	23APC0505	Advanced Data Structures and Algorithms Analysis
23	II-I	23APC0507	Object-Oriented Programming Through JAVA Lab
24	II-I	23ASC0501	Python Programming
25	II-I	23AMC9901	Environmental Science
26	II-II	23AES0305	Optimization Techniques
27	II-II	23ABS9916	Probability & Statistics
28	II-II	23APC0510	Operating Systems
29	II-II	23APC0512	Software Engineering
30	II-II	23APC2501	Operating Systems & Software Engineering Lab
31	II-II	23APC0509	Database Management Systems Lab
32	II-II	23ASC2501	Python with Django
33	II-II	23AES0304	Design Thinking & Innovation

## Category-II-Extent of 5% Change in Content

S.No	YEAR & SEM	Subject Code	Subject Title	Syllabus Content Removed	Syllabus Content Introduced
1	I-II	23ABS9903	Engineering Physics	-	<b>Unit – III:</b> Applications of dielectric materials Applications of magnetic materials <b>Unit – IV:</b> Nanomaterials
2	I-II	23ABS9908	Engineering Physics Lab	-	<b>Experiment included:</b> Determination of the crystallite size using X-Ray Diffraction spectra
3	II-I	23APC0503	Digital Logic & Computer Organization	Binary Codes, Von-Neumann Architecture, Basic Concepts, Buses	Character representation, Dumping, Addressing modes, subroutines, Ripple carry adder, Ripple carry multiplier and Memory hierarchy, cache memory mappings, synchronous and asynchronous buses, Pipelining: Basic Concepts, Data Hazards, Instruction Hazards, Forms of Parallel Processing
4	II-I	23APC0504	Advanced Data Structures and algorithm analysis	Convex Hull, String Editing.	Finding Minimum and Maximum, Multi Stage Graphs, Review of Binary Search Trees: Binary Search Tree – Insertion, Deletion & Traversal
5	II-II	23APC0508	Database Management Systems	-	NoSQL: Introduction and Properties of NoSQL, Different NoSQL Systems, Columnar families, Schema-Less Databases, Materialized Views, Distribution Models, Sharding

BOS, CHAIRMAN

PRINCIPAL