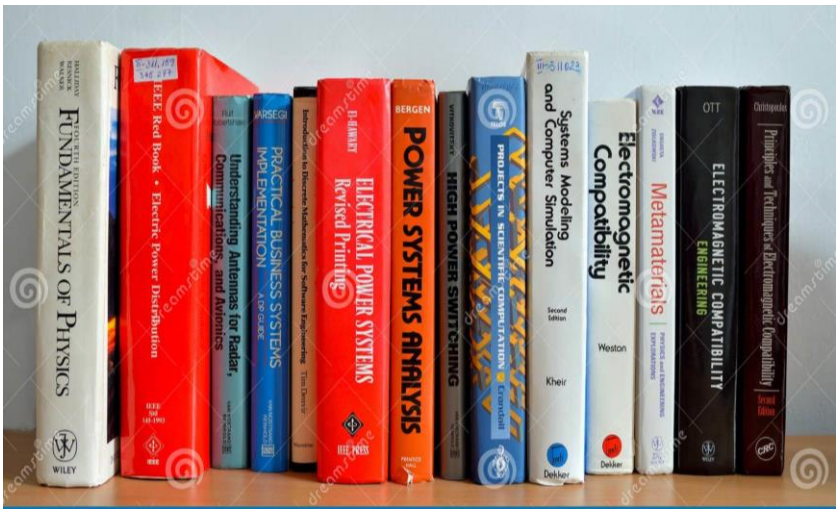
VIGNAN's INSTITUTE OF INFORMATION TECHNOLOGY
(AUTONOMOUS)
(Approved by AICTE - New Delhi & Affiliated to JNTUK, Kakinada)
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.

# POLICY OF COURSE CODE SYSTEM



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## 1.About the Institution

Vignan's Institute of Information Technology (VIIT), established in 2002 in Visakhapatnam, Andhra Pradesh, India, is dedicated to providing top-notch technical education. It is affiliated with JNT University, Gurazada, Vizianagaram, and aims to produce competent and socially aware technical professionals to meet current and future industrial demands. VIIT is accredited by NAAC with 'A' Grade with a CGPA of 3.41/4.00 and NBA accreditation for five undergraduate programs. It gained Autonomous Status from UGC in 2017. VIIT offers 11 UG Programmes and 10 PG programmes and is a research center recognized by JNTUK, Kakinada. The institution adheres to ISO quality standards, emphasizes R&D, and collaborates with leading technical institutions and industries.

## 2. Preamble

Vignan's Institute of Information Technology (VIIT) uses a ten-digit numeric course code, derived from regulation VR17, to uniquely identify each course. Each course is associated with a specific course code and a corresponding course title. This course code system is consistently applied across regulations VR19, VR20, VR21, and VR22.

## 3. Course Classification

All subjects/ courses offered for the under graduate programme and post graduate programmes are broadly classified as follows.

| S. No. | Broad Course Classification | Course Group/ Category | Course Description |
|---|---|---|---|
| 1 | Foundation Courses | BS – Basic Sciences | Includes mathematics, physics and chemistry subjects |
| 2 | | ES - Engineering Sciences | Includes fundamental engineering subjects |
| 3 | | HS – Humanities and Social sciences | Includes subjects related to humanities, socialsciences and management |
| 4 | Core Courses | PC – Professional Core | Includes core subjects related to the parent discipline/ department/ branch of Engineering. |

| | | | |
|---|---|---|---|
| 5 | Elective Courses | PE – Professional Electives | Includes elective subjects related to the parent discipline/ department/ branch of Engineering. |
| 6 | | OE – Open Electives | Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline/ department/ branch of Engineering. |
| 7 | Core Courses | Project Work | B.Tech. project or UG mini project or UG field – project or UG major project or Project Stage I & II /M.Tech Project/ MBA Project/MCA Project |
| 8 | | Industrial training/ Mini- project | Industrial training/ Summer Internship/ Industrial Oriented Mini-project/ Mini-project |
| 9 | | Seminar | Technical Seminar/ Colloquium based on core contents related to parent discipline/ department/ branch of Engineering. |
| 10 | | Comprehensive exam | Special type of exam consisting of oral or written exam |
| 11 | | Internship | Summer Internship/Industry oriented Summer Internship/ Full semester Internship |
| 12 | | Skill-Oriented Courses | Skill oriented/skill development courses |
| 13 | Honor/Minor courses | - | Credit courses under Honors/Minors Program |
| 14 | Courses Mandatory | - | Mandatory courses (non-credit) |
| 15 | *Special Courses | - | Courses like Game, Sports and Yoga and Employability Readiness Program |

## 4. Semester Scheme

Each under graduate programme is of 4 academic years (8 semesters) and post graduate program is of 2 years (4 semesters) with the academic year divided into two semesters

## 5. Course Numbering System

Course code for each course is TEN-digit number characters. An example numbering is shown below.

**Total Course code description:**

| 1 | 0 | 0 | 5 | 2 | 0 | 1 | 2 | 0 | 2 |
|---|---|---|---|---|---|---|---|---|---|
| Program Code | | Branch Code | | Regulation | | Year& Semester | | Course Type and serial number of the Course | |
| B. Tech | | CSE | | VR 20 | | I-II | | Theory | |

**Examples:**

- **For B. Tech Courses: 1005201202** means Computer Science and Engineering Course of 2020 regulation which belongs to first year second semester and it is a theory course.
- **For M. Tech Courses: 2058191101** means Computer Science and Engineering Course of 2019 regulation which belongs to first year first semester and it is a theory course.
- **For MBA Courses: 3099211203** means Master of Business Administration Course of 2021 regulation which belongs to first year second semester and it is a theory course.
- **For MCA Courses: 4098201102** means Master of Computer Applications Course of 2020 regulation which belongs to first year first semester and it is a theory course.

**Note:** Course codes for all courses are allocated based on regulations and do not transfer between different regulations.

## 6. General description of subject type codes:

| Subject Type Code | Description |
|---|---|
| 00-09 | General Theory Courses |
| 10-19 | Laboratory Courses |
| 20-29 | Audit courses |
| 30-49 | Professional elective Courses |
| 50-59 | Open elective Courses |
| 60-69 | Honors & Minors |
| 70-79 | Projects & Internship |
| 80-89 | Technical Seminars, Skill oriented Courses, Comprehensive Viva, MOOCs etc., |
| 90-99 | Others (Reserved for future) |

## 7. General description of Program codes:

| Branch Code/Dept code | Programme (UG) |
|---|---|
| 01 | Civil Engineering (CE) |
| 02 | Electrical and Electronic Engineering (EEE) |
| 03 | Mechanical Engineering (ME) |
| 04 | Electronics and Communication Engineering (ECE) |
| 05 | Computer Science and Engineering (CSE) |
| 12 | Information Technology (IT) |
| 19 | Electronics and Computer Engineering (ECM) |
| 54 | Artificial Intelligence and Data science (AI&DS) |
| 43 | CSE – Artificial Intelligence |
| 44 | CSE – Data Science |
| 46 | CSE – Cyber Security |
| **Specialization Code** | **Programme (PG)** |
| 15 | Machine Design (MD) |
| 25 | Software Engineering (SE) |
| 38 | Digital Electronics and Communication Systems (DECS) |
| 40 | Information Technology (IT) |
| 42 | Power and Industrial Drives (PID) |
| 58 | Computer Science and Engineering (CSE) |
| 70 | Electronics and Communication Engineering (ECE) |
| 22 | Transportation Engineering (CIVIL) |
| AC | Artificial Intelligence and Machine Learning (AI&ML) |
| 98 | MCA |
| 99 | MBA |

Others:

| | |
|---|---|
| 00 | BS & HSS Courses |