# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Information Technology

## Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

## B.Tech CSE with Specializaion in Generative AI (in association with IBM )

## SEMESTER - VII ( 2025-2029)

| S. No. | Course Code | Course Name | Teaching | | | Credits | Examination Scheme | | | | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Theory | | | Practical | | |
| | | | L | T | P | | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | |
| 1 | BBAI501 | Human Values and Professional Ethics | 3 | 0 | 0 | 3 | 60 | 20 | 20 | 0 | 0 | 100 |
| 2 | BTCS711 | Introduction to Quantum Computing | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 3 | BTIBM722 | Applications & Uses of GenAI | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 4 | BTCS712 | Cloud Competency Lab | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 30 | 20 | 50 |
| 5 | BTDSE | Discipline Specific Elective V | 3 | 0 | 2 | 4 | 60 | 20 | 20 | 30 | 20 | 150 |
| 6 | | Generic Elective II** | 4 | 0 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 7 | BTCS705N | Industrial Training | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 50 | 50 |
| 8 | BTCS706N | Project | 0 | 0 | 8 | 4 | 0 | 0 | 0 | 120 | 80 | 200 |
| | **Total** | | **16** | **0** | **20** | **26** | **300** | **100** | **100** | **240** | **210** | **950** |

| **Discipline Specific Elective V** | |
|---|---|
| BTDSE720 | Reinforcement Learning |
| BTDSE721 | Introduction to AR-VR |
| BTDSE722 | Prompt Engineering and Fine-Tuning |

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

** Teaching scheme and code is available in the basket provided by the University.

| Chair Person | Chair Person | Controller of Examinations | Registrar | Dean Academic | Vice Chancellor |
|---|---|---|---|---|---|
| Board of Studies | Faculty of Studies | | | | |
| Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth |
| Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore | Vishwavidyalaya, Indore |