



# INSTITUTE OF VOCATIONAL STUDIES

Affiliated to GGSIPU, Delhi  
FC-31, Sheikh Sarai Ph-II, DDA Institutional Area,  
Press Enclave Road, New Delhi-110017, Telephone No- 011227793-94

## VALUE ADDED COURSE

### TECHNOLOGY FOR CLASSROOM (VAC\_TC)

Session: 2023-24

#### **ABOUT INSTITUTE OF VOCATIONAL STUDIES**

Education is the only key to human growth and development and with this vision, Institute of Vocational Studies thrives on the philosophy of imparting, encompassing spiritual awakening, physical conditioning and psychological transformation.

The Institute is committed to provide quality education to all, with the mission to uplift socially backward and minority community with special emphasis on the educational empowerment of the girls. The key areas for thrust is on strengthening the capacity of its individuals, providing skill based education, gender equality, building and shaping the attitudes and behavior. Here at Institute of Vocational Studies we believe in bringing excellence in all our endeavors.

#### **OBJECTIVE**

The objective of the course is to develop skill of using technology for teaching and learning. The course will enable the student teachers use the latest technology in the classroom with ease.

**Course duration: 30 hours**

**Course evaluation:**

**The participants will be evaluated on the following basis**

- Practical assignments – 35%
- Presentation – 35%
- Attendance – 30%

Certificates will be issued only to candidates securing 70% marks.

## **Course**

### **Unit 1: Classroom technology (6 hours)**

- Meaning of classroom technology
- Types of classroom technology
- Impact of ICT on learning
- ICT for Quality Education and Achieving Learning Outcomes

**Practical assignment:** Prepare an assignment on major initiatives by Government of India to implement ICT based curriculum in school.

### **Unit 2: Microsoft Office (6 hours)**

- MS Word
- MS Excel
- MS PowerPoint

**Practical assignment:** Prepare a Presentation using PowerPoint of not more than 15 slides on any topic.

### **Unit 3: Internet applications and their use in teaching (6 hours)**

- Blogs and its use
- Use of AR and VR in education
- Virtual labs
- AI tools for teaching

**Practical assignment:** Prepare a blog on any topic and prepare a lesson plan using AI tool.

### **Unit 4: Mobile Apps and games for evaluation (6 hours)**

- Google form
- Kahoot
- Quizlet
- Other applications and games available for evaluation

**Practical assignment:** Prepare a quiz using Kahoot for school teaching subject.

### **Unit 5: Blended learning and technology integration (6 hours)**

- Meaning and concept of Blended learning
- Models of blended learning
- Technology tools and resources in Blended learning.

**Course Coordinators:** Dr. Mandira Gupta and Ms. Priyanka Gupta