

INSTITUTE OF VOCATIONAL STUDIES

VALUE ADDED COURSE

TECHNOLOGY FOR CLASSROOM (VAC_TC)

Session: 2024-25

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)

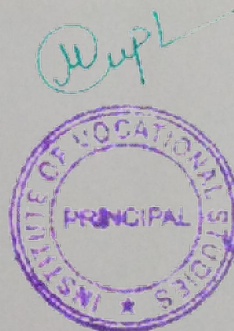
- Google form
- Kahoot
- Quizlet
- Other applications and games available for evaluation

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

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

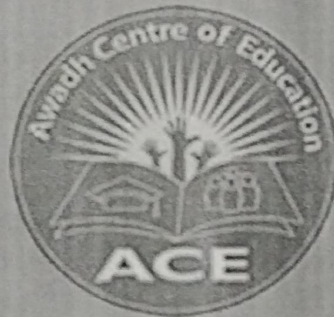
- Meaning and concept of Blended learning
- Models of blended learning
- Technology tools and resources in Blended learning.

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





GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY



Institute of Vocational Studies

Bachelor of Education (2024-26)

Subject- Value added Course

Enrollment Number- 03513902124

Submitted By- Swati Kumari
Submitted To - Priyanka Ma'am

Swati Kumari
Priyanka



GOVERNMENT INITIATIVES ON ICT IN EDUCATION

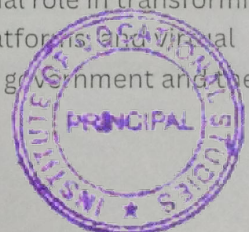
Introduction

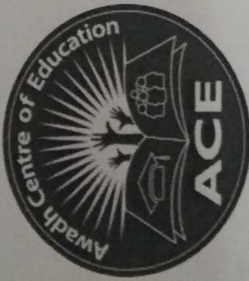
Information and Communication Technology (ICT) has become one of the basic building blocks of modern society. The three cardinal principles of access, equity and quality could be served well by harnessing the immense potential of ICT. Anytime anywhere delivery of quality education employing ICT is one such implication of Technology in Education. For teachers, ICT can be the *raison d'être* for not only building ICT skills but more broadly to improve teaching and learning. ICT solutions have shown promise in building foundational skills, paving the way for developing important 21st century skills (Communication, Collaboration, Creativity, Critical Thinking and Problem Solving).

The Digital India Campaign (2015) strives to transform India into a digitally empowered society and knowledge economy by focusing on the three vision areas:

- Digital Infrastructure as Core Utility to Every Citizen
- e-Governance and Services on Demand
- Digital literacy and empowerment of citizens. The Government of India seeks to strengthen the use of ICT in almost every sphere. To promote the use of ICT in school education, the Government of India had introduced ICT@ Schools scheme in the year 2004 {by merging the scheme of Educational Technology -1972 and Computer Literacy and Studies in Secondary Schools (CLASS)-1984}. The scheme was revised in the year 2010 and 2011 and a component to develop quality digital contents and incentives for teachers (National ICT Award for School Teachers) was introduced. Education system in any country aims at preparing youth to participate creatively in the establishment, sustenance and the growth of a knowledge society leading to all round Socio- Economic Development of the nation and global competitiveness. Therefore, this integrated ICT guideline for schools and Teacher Education Institutions subsumes all previous guidelines.

The Indian government has implemented several Information and Communication Technology (ICT) initiatives in school education to improve access, equity, and quality of learning. These initiatives aim to integrate technology into the education system, fostering digital literacy and innovative teaching methodologies. ICT plays a crucial role in transforming traditional learning methods by providing digital content, e-learning platforms, and virtual classrooms. This report explores various ICT initiatives launched by the government and their impact on school education.





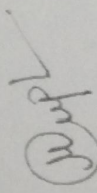
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VALUE ADDED COURSE

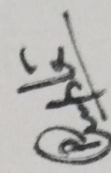
TECHNOLOGY FOR CLASSROOM

Certificate of Completion

This certificate is awarded to **Ms. Himanshi Rexwal** of B.Ed. Course for successfully completing 10 Weeks **Value Added Course** on “*Technology for Classroom*” from *03rd February to 15th May, 2025* organized by *Institute of Vocational Studies*.


Dr. Mandira Gupta
Principal
IVS




Ms. Priyanka Gupta
Course Coordinator