



**ADD-ON COURSE**  
**OFFERED BY THE DEPARTMENT OF EDUCATION**  
**BIJNI COLLEGE::BIJNI**

<b>Course Title</b>	: ICT in Teaching and Learning
<b>Course Code</b>	: ICTTL-101
<b>Course Duration</b>	: 30 Hours
<b>Credit</b>	: 2 (1 Credit =15 Hrs.)
<b>Course Designed by</b>	: Aparna Misra, Associate Professor (HOD) : Dr. Kusum Brahma, Assistant Professor : Priyanka Basumatary, Assistant Professor : Ringsar Basumatary, Assistant Professor
<b>Course Co-ordinator</b>	: Dr. Kusum Brahma
<b>Approved by</b>	: Governing Body, Bijni College, Bijni
<b>Date of Approval</b>	: 14-02-2025

**Course objectives :**

- To make aware the role of ICT in enhancing teaching and learning.
- To explore the basic ICT tools and platforms that can be used in teaching and learning.
- To make aware about historical development and types of educational technology.
- To develop skills for integrating ICT to make teaching learning effective.
- To make aware about the ethical principle of ICT in teaching and learning

**Course Outcomes:**

- After completion of this course, learners will be able to-
- Understand the importance of ICT in teaching and learning
- Know the historical development and types of educational technology
- Use of ICT in teaching and learning
- Know the ethical use of ICT
- Access online learning resource
- Know digital assessment tools and their use in teaching and learning.

**Course Contents:**

***Unit: 1 Brief Historical Background (10 Hrs)***

- Meaning, definitions and nature of ICT
- Scope of ICT
- Importance of ICT in teaching and learning
- Meaning and types of educational technology
- Historical development and trends in educational technology

- Responsible and ethical use of ICT

**Unit: 2: Using ICT to enhance Classroom Interaction (10 Hrs)**

- Understanding various ICT tools for enhancing teaching and learning
- E-Resources
- Online collaboration platforms (Google workspace, Google meet, Google classroom, Microsoft team, zoom)
- Digital assessment tools (Kahoot, Quizlet, Google Forms)

**Unit: 3: Practical (10Hrs)**

- Creating interactive content (Quizzes, Interactive PPT etc.)
- Organizing virtual classrooms and webinars
- Use of artificial intelligence in education.
- Google spreadsheet

**Suggested Readings:**

- Ronghuai, H., Kinshuk, & Price, J. K. (2015). *ICT in education in global context: Comparative reports of innovations in K-12 education*. Springer.
- Sharma, I. and Koli, S.K. (2012) Information & Comm.tech.in Education- Commonwealth/Empire/Arpan
- Sharma, I, Koli and S.K. (2014) Educational Technology in 21<sup>st</sup> Century- Commonwealth/Empire/Arpan
- Sharma, P. and Nigam, S. (2023) ICT Mediated Education-R Lall Publisher & Distributors

**Evaluation Process:**

1. A minimum of 75% class attendance is mandatory for course completion. 5 marks will be assigned for attendance. 1 mark for 75%-80% attendance, 2 marks for 81%-85% attendance, 3 marks for 86%-90% attendance, 4 marks for 91%-95% attendance and 5 marks for 96%-100% attendance.
2. Evaluation will be based on- attendance, class tests/assignments, and practical.
3. Students must attend all the above-listed evaluation components.
4. To receive the course completion certificate, students must secure a minimum of 40% aggregate marks.
5. The percentage of Marks secured by students will be converted into a Grade as follows-  
40%-50%: Grade A  
30%-40%: Grade B  
20%-30%: Grade C

