

**VALUE ADDED COURSE IN ICT SKILLS FOR EDUCATORS /ICT SKILLS IN
EDUCATION**

CREDITS: 2

HOURS: 32

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Objectives: To enable the student teacher to

1. Understand the concept of ICT.
2. Understand the need and importance of ICT and its use in education.
3. To introduce ICT skills related to classroom teaching and daily academic work.
4. Developing the skills needed to create e-content.
5. To imparting skills regarding create engaging and interactive multimedia content and presentations.
6. Recognize the relationship between ICT & its uses in teaching and learning.

UNIT: 1 INTRODUCTION TO ICT & ICT IN EDUCATION

½ Credit 08 Hours

- 1.1. Concept, Need & Importance of ICT
- 1.2. ICT tools Concept and types of ICT tools.
- 1.3. ICT in Education: Concept, Need and Importance
- 1.4. Historical background of educational technology.
- 1.5. Approaches to Educational Technology.

UNIT: 2 COMPUTER APPLICATION SOFTWARES

½ Credit 08 Hours

- 2.1. Concept & Importance of Computer Application Software's
- 2.2. Microsoft office Word document and Microsoft office picture manager.
- 2.3. Microsoft office Excel worksheet.
- 2.4. Microsoft office Publisher document and Paint.
- 2.5. Microsoft office PowerPoint presentation.

UNIT 3: COMPUTERS BASED MODERN EDUCATION

½ Credit 08 Hours

- 3.1. Teleconferencing
- 3.2 Video Conferencing.
- 3.3 E-learning and E-teaching concept & media.
- 3.4 Virtual Classroom
- 3.5 Technology based learning resources

UNIT 4: INTRODUCTION TO E-CONTENT DEVELOPMENT SOFTWARES

½ Credit 08 Hours

- 4.1. Meaning of E-content and Stages of development of e-content
- 4.2. Video Making & Voice editing Software's
 - a) VSDC video editing Software. b) Kinemaster Video editor.
 - c) Audacity audio editing Software.
- 4.3. Google Blogger.
- 4.4. Google classroom & sites

References:

1. Goel,D,R. ICT in education: Changes and challenges. Indian education, Special issue on examination and evaluation.(Aug.2000) NCERT Delhi.
2. Kumar K.L. (2001). Educational technology, New age international (P) Ltd. New Delhi.
3. Yeole, C.M. (2005). Mass Communication media and their contribution to education.
4. किशोर चव्हाण, (२००७). माहिती संप्रेषण तंत्रज्ञान, इनसाईट प्रकाशन, नाशिक.
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6. रविकीर्ती, आ.सा.(२००३). शिक्षणातील माहिती तंत्रज्ञान, सागर एज्युकेशनल एंटरप्रायझेस, श्रीरामपूर.
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9. https://onlinecourses.swayam2.ac.in/cec19_ed10/preview
10. <https://www.erasmustrainingcourses.com/integrating-ict-into-teaching-and-training.html>
11. <https://iqac.iiitb.ac.in/wp-content/uploads/2021/07/Value-Added-Courses-Syllabus-Sample.pdf>

COURSE LAYOUT

1. Name of the Course:

‘Value Added Course in ICT Skills for Educators /ICT Skills In Education’

2. CREDITS:

2 Credits

3. HOURS:

32 Hours

4. PRACTICAL HOURS:

08 Hours

5. NUMBER OF PROPOSED STUDENTS:

25 Students

6. FEES:

Nil

7. EVALUATION METHOD:

Each unit based assignment will carry 25 marks.

8. COURSE CO-ORDINATOR:

i) Shri. Bhoje Chandrakant Muralidhar ii) Designation: Assistant Professor

9. CONTENT OF PROPOSED COURSE BASED ON:

For the develop various skills among student teachers, the content of proposed value added course will be based on ICT, ICT in education, computer application and e-content development software's.

10. JUSTIFICATION OF COURSE:

The present era is the era of technology. Today's student will work in school as a teacher in future. It is imperative that teachers be proficient in technology if they are to produce profound students from schools.

Therefore, it is very important for teachers to have technology related skills. Hence the present value added curriculum has been developed to develop the necessary technology related skills in future teachers.

11. OUTCOMES OF THE COURSE:

After completing the above value added course the student teacher will.

1. Will understand the concept of ICT.
2. Will understand the need and importance of ICT in education.
3. ICT skills relevant to classroom teaching and day-to-day academic work will be introduced.
4. Skills required to create e-content will be developed.
5. Will create engaging and interactive multimedia content and presentations.
6. Will recognize the relationship between ICT & its uses in teaching and learning.