

Report
MOOC Short-term Course
on
Critical Understanding of Educational Technology

Conducted at: www.edumoocs.in

Jointly Organized by:

Kannur Salafi B.Ed. College, Kannur, Kerala

&

Institute of Educational Technology & Vocational Education, Panjab University,
Chandigarh

In Collaboration with:

Farook Training College, Kozhikode, Kerala

&

Navajyothi College of Teacher Education for Women, Thrissur, Kerala



Course ID: KSBC-PU-MOOC-EDUTECH

Course Start Date: 20th August 2023

Duration: 10 Days / 40 Hours

Report is Prepared By:

Dr. Naseerali M.K.

24 September 2023

MOOC Short-term Course
on
Critical Understanding of Educational Technology

Course Coordinator:

Dr. Naseerali M.K.
Principal, Kannur Salafi B.Ed. College

Course Directors:

Prof. (Dr.) Mohammed Saleem
Principal, Farook Training College

Sr. Dr. Gigi Paul
Principal, Navajyothi College of Teacher Education for Women, Thrissur

Course Coordinators:

Dr. Kalpana Thakur
Chairperson, Institute of Educational Technology & Vocational Education, Panjab University

Dr. Aseel Abdul Wahid
Assistant Professor, Farook Training College, Kozhikode

Dr. Premachandran P.
Associate Professor, Navajyothi College of Teacher Education for Women, Thrissur

Sri. Gopish A.G.
Associate Professor, Navajyothi College of Teacher Education for Women, Thrissur

COURSE OVERVIEW

The Self-paced Short-term MOOC Course on "Critical Understanding of Educational Technology" was conducted on the website www.edumooocs.in. This course aimed to provide participants with a comprehensive understanding of educational technology and its role in modern classrooms.

COURSE OBJECTIVES

Introduction to Educational Technology

1. Understand the foundational concepts and principles of educational technology.
2. Explore the historical development and evolution of educational technology.
3. Recognize the significance of integrating technology into education.

Psychological Aspects of Digital Learning

1. Gain insights into the psychological factors influencing digital learning.
2. Analyze the impact of technology on cognitive development and learning processes.
3. Apply psychological principles to enhance the effectiveness of digital education.

Applications of AR/VR/XR in Education

1. Explore the applications of Augmented Reality (AR), Virtual Reality (VR), and Extended Reality (XR) in educational contexts.
2. Learn how AR/VR/XR technologies can transform teaching and learning experiences.
3. Develop practical skills for implementing AR/VR/XR in educational settings.

Multisensory Teaching Using ICT Tools and Software

1. Understand the concept of multisensory learning in education.
2. Explore various ICT tools and software for creating multisensory learning experiences.
3. Develop strategies to engage learners through sensory-rich digital content.

Using Cloud Apps in Teaching, Learning, and Research

1. Familiarize yourself with cloud-based applications and their relevance in education.
2. Learn how to effectively utilize cloud apps for teaching, collaborative learning, and research.
3. Explore best practices for data storage, sharing, and security in the cloud.

E-content Development

1. Acquire the skills needed to create engaging and interactive e-content for educational purposes.
2. Understand the principles of instructional design for digital learning materials.
3. Design and develop e-content that aligns with educational objectives.

Data Processing Skill in Spreadsheet

1. Develop proficiency in using spreadsheet software for educational data analysis.
2. Learn how to organize, process, and visualize educational data effectively.
3. Apply spreadsheet skills to make data-informed decisions in an educational context.

ICT in Inclusive Classrooms

1. Explore the role of Information and Communication Technology (ICT) in promoting inclusive education.
2. Understand how ICT tools and strategies can support diverse learners, including those with special needs.
3. Create an inclusive classroom environment through the integration of ICT.

AI Tools for Education and Research

1. Discover the applications of Artificial Intelligence (AI) in educational and research settings.
2. Learn about AI-powered tools and platforms for personalized learning and data analysis.
3. Evaluate the ethical considerations and implications of AI in education.

Plagiarism in Academic Research

1. Recognize the concept of plagiarism and its consequences in academic research.
2. Understand how to avoid plagiarism through proper citation and referencing practices.
3. Develop integrity and ethical conduct in academic writing and research.

Demonstration of Digital Referencing Tools

1. Explore digital referencing tools and their role in academic research.
2. Learn how to effectively use reference management software for citation and bibliography creation.
3. Practice using digital referencing tools to enhance research productivity.

LMS: Setting Up & Content Organization

1. Learn how to set up and manage a Learning Management System (LMS) for educational purposes.
2. Understand the key features and functionalities of an LMS.
3. Organize and structure digital content effectively within an LMS for seamless learning experiences.

COURSE CONTENT

The course was divided into seven units, each containing video lessons, discussion forums, feedback forms, assignments, or other activities, along with reference materials prepared by renowned resource persons in the field. The course included a total of four assignments and one achievement test.

Types of Modules:

The course content was categorized into two types of modules: Conceptual Modules and Skill Enhancing Modules.

Conceptual Modules:

1. Introduction to Educational Technology
2. Importance of Online Teaching in the Classroom Today
3. Online Teaching and Learning Mindset
4. Planning Online Learning and Online Learning Activities

5. Multisensory Learning
6. Teaching Aids: An Overview
7. Mobile Learning in Higher Education
8. Virtual Classrooms
9. Psychological Aspects of Online Learning

Skill Enhancing Modules:

1. Working Together Through Cloud Systems (Hands-on Training)
2. Collecting, Consolidating, and Organizing Information Online (Hands-on Training)
3. E-content Development (Hands-on Training)
4. Formative Assessment and Feedback Through Technology (Hands-on Training)
5. Summative Assessment Through Online Tools

RESOURCE PERSONS AND MODULES DEVELOPED

The course benefited from the expertise of several resource persons who developed the learning modules. These resource persons were from various educational institutions and had extensive knowledge in the field of educational technology.

1. Dr. Kalpana Thakur

- Designation: Chairperson
- Institution: Institute Of Educational Technology & Vocational Education, Panjab University
- Title of Modules Developed: "Introduction to Educational Technology," "Psychological Aspects of Digital Learning"

2. Mr. Prasanth Venpakal

- Designation: Research Scholar
- Department of Education: Alagappa University, Karaikudi
- Title of Module Developed: "Applications of AR/VR/XR in Education"

3. Dr. Fouzia Alsabah Shaikh

- Designation: Assistant Professor
- Institution: Amity University, Haryana
- Title of Module Developed: "Multisensory Teaching Using ICT Tools and Software"

4. Ms. Surekha Chidambaranath

- Designation: Assistant Professor
- Institution: MES's Pillai College of Education and Research, Chembur
- Title of Module Developed: "Using Cloud Apps in Teaching, Learning and Research"

5. Dr. Bijoy K Thomas

- Designation: Assistant Professor
- Institution: St. Xavier's Institute of Education, Mumbai
- Title of Module Developed: "E-content Development"

6. Mrs. Nisy Mickel T.

- Designation: Assistant Professor
- Institution: Navajyothi College of Teacher Education for Women, Thrissur
- Title of Module Developed: "Data Processing Skill in Spreadsheet"

7. Dr. Sandhya Khedekar

- Designation: Principal
- Institution: Gokhale Education Society's College of Education, Sangamner
- Title of Modules Developed: "ICT in Inclusive Classrooms," "AI Tools for Education and Research"

8. Dr. Anilkumar. K. M.

- Designation: H.O.D & Assistant Professor
- Institution: Milad-E-Sherif Memorial (MSM) College, Kayamkulam
- Title of Modules Developed: "Plagiarism in Academic Research," "Demonstration of Digital Referencing Tools"

9. Dr. Reni Francis

- Designation: Principal
- Institution: MES's Pillai College of Education and Research, Chembur
- Title of Module Developed: "Need for Digitalising HRM Practices in Educational Institutions"

10. Dr. Naseerali M.K.

- Designation: Principal
- Institution: Kannur Salafi B.Ed. College
- Title of Module Developed: "LMS: Setting Up, & Content Organisation"

REGISTRATION

Two types of registration were allowed for this course: individual registration for participants and bulk registration for students and staff of teacher education institutions. The total enrollment for the course was 475, with the potential for additional enrollments as the course remains available online.

CERTIFICATION

Certificates were issued to all eligible participants, with each certificate containing a unique Certificate ID, Participant ID, and grade. Digital certificates were provided. Resource persons who developed the learning modules received certificates, and organizers also received certificates acknowledging their roles in the course. Heads of institutions that encouraged bulk registrations were recognized with appreciation certificates.

FEEDBACK

Feedback forms were distributed throughout the course, allowing participants to provide input on each unit. An overall feedback form was also provided at the end of the course to gather comprehensive feedback.

LEARNER SUPPORT

Despite being a self-paced course, learners received substantial support from the course coordinator, who provided technical and academic assistance through a WhatsApp group.

ACKNOWLEDGMENT

We extend our heartfelt gratitude to all individuals and organizations that played a pivotal role in the successful execution of this Self-paced Short-term MOOC Course. Your unwavering support, dedication, and expertise were invaluable. We also appreciate the management and governing bodies of Kannur Salafi B.Ed. College, Panjab University, Farook Training College, Kozhikode, and Navajyothi College of Teacher Education for Women, as well as the teaching and non-teaching staff of the host institutions. Special thanks to the heads of the institutions from which the learners are enrolled and to all the participants who enrolled in the course.

Attachments

- Brochure, & - Model of Certificate

SELF-PACED SHORT-TERM COURSE (ONLINE) ON CRITICAL UNDERSTANDING OF EDUCATIONAL TECHNOLOGY

JOINTLY ORGANISED BY



KANNUR SALAFI B.ED. COLLEGE
KANNUR, KERALA



INSTITUTE OF EDUCATIONAL TECHNOLOGY
& VOCATIONAL EDUCATION
PANJAB UNIVERSITY
CHANDIGARH



IN COLLABORATION WITH
**NAVAJYOTHI COLLEGE OF TEACHER
EDUCATION FOR WOMEN**
THRISSUR, KERALA



FAROOK TRAINING COLLEGE
KOZHIKODE, KERALA



**COURSE STARTS ON
20 AUGUST 2023**

- Self-paced Learning Modules
- Engaging Course Works
- Online Assignments & Activities
- Learning Modules by Experts in the Field
- Multi-sensory Reference Materials
- Digital Certificates to All Eligible Participants
- Asper MOOC Four Quadrant Approach
- 10 Days / 40 Hours

**REGISTER BEFORE
15 AUGUST 2023**

Who Can Join?

Teaching Faculty Members
Researchers
Prospective Teachers
U.G. & P.G. Students

Course Content

Conceptual Modules Skill Enhancing Modules Details at: www.edumoots.in

----- COURSE COORDINATOR -----

Dr.Naseerali M.K.
Principal, KS B.Ed. College

----- COURSE DIRECTOR -----

Sr. Dr. Gigi Paul
Principal, NCTEW, Thrissur

----- COURSE CO-COORDINATORS -----

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Assoc. Prof., NCTEW, Thrissur

Dr.Premachandran P.
Assoc. Prof., NCTEW, Thrissur

Dr. Aseel Abdul Wahid
Assistant Professor, FTC, Kozhikode

REGISTRATION FEE: 500 INR



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**REGISTER
NOW**

MOOC SHORT-TERM COURSE ON
**CRITICAL UNDERSTANDING OF
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FAROOK TRAINING COLLEGE
KOZHIKODE, KERALA



COURSE COMPLETION
Certificate

This Certificate is Proudly presented to

DR MONORANJAN BHOWMIK

Principal

**Vidyasagar Teachers' Training College, Midnapore, Paschim
Medinipur, West Bengal**

for successfully completing the MOOC short-term course on
'Critical Understanding of Educational Technology' conducted from
20 August 2023.

The grade obtained is **A**.

[40 Hours / 10 Days Self-paced MOOC Certificate Course / 4 Quadrant Approach]

[Levels of Grading: A- Excellent, B- Good, C-Average, D-Below Average]

[Grading is based on Assignment Submissions, Participation in Discussion Forums, & Scores of Quizzes and Achievement Test]

Course ID: KSBC-PU-MOOC-EDUTECH | Participant ID: STCEDUTECH059

Certificate ID: STC-EDUTECH-007 | Issued on: 3 September 2023

Kalpana Thakur
Dr. Kalpana Thakur
Chairperson, IET & VE, PU

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Dr. Naseerali M.K.
Principal, KSBC
& Course Coordinator

T. Mohamed Saleem
Prof. (Dr.) T. Mohamed Saleem
Principal, FTC

Gigi Paul
Sr. Dr. Gigi Paul
Principal, NCTEFW

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