CERTIFICATE PROGRAMME
ON
DIGITAL PEDAGOGY

Last Date of Submitting e-Applications: 31st March, 2026

Department of Education and Educational Management
National Institute of Technical Teachers Training and Research
(Deemed to be University Under Distinct Category)
Ministry of Education, Government of India
Sector – 26, Chandigarh, U.T, India

Website: www.nitttrchd.ac.in

Salient Features	
Name	Certificate Programme on Digital Pedagogy
Duration of the Programme	1 Month
Date of Commencement of the Classes	13th April, 2026- 13th May, 2026
Entry Qualification	– Faculty members from various institutions/ universities – Graduates (Preferably candidates aspiring to be teachers) in any discipline from recognized University – Working Professionals from industry (Preferably candidates aspiring to be teachers) with minimum qualification as graduation in any discipline from recognized University
Number of Seats	30* (Allocated on a First-Come, First-Served basis; the total number of seats may be subject to increase or decrease at the discretion of the competent authority)
Programme Structure	Multi Point Entry and Exit
Mode of Delivery	Will be offered through Offline/Online mode.
Medium of Instruction	English
Fee Structure	Complete Programme: **Rs. 20,000 + 18% GST** Individual Module : **Rs. 5,000 + 18% GST**
Attendance	Participants should mandatorily have 80 % attendance to appear for final evaluation and Certificate.
Certificate	a. Upon successful completion of each module, participants will be awarded a Module Completion Certificate b. Only after successful completion of all the four modules and appearing in the final examination, a Course Completion Certificate will be awarded to the participant.
**** Certificate course will be commenced subject to Minimum 10 admissions.***	

Rationale

A Certificate Programme in Digital Pedagogy equips participating members with the skill and knowledge to understand concept of digital pedagogy, integrate innovative teaching methods, and manage digital classrooms effectively by creating engaging and impactful learning experiences. This programme help participating members adapt to the changing educational landscape, develop digital literacy and support student learning in a digital environment.

Program Outcomes

After undergoing the Certificate Programme on "Digital Pedagogy", learners will be able to:

PO1	Understand the concept of digital pedagogy and its role in educational transformation
PO2	Design engaging digital learning environments by addressing digital readiness, and creating learning communities to manage digital classrooms well.
PO3	Apply learner-focused innovative teaching methods using digital tools to enhance student engagement in a digital learning environment
PO4	Effectively implement feedback and assessment strategies, including digital tools, to enhance student learning

Study And Evaluation Scheme for One month Certificate Programme				
Duration of Module	**Module Title**	**Duration**	**Credits**	**Assessment Marks**
1st Week	**Module I: Introduction to digital pedagogy and its various aspects**	1 Week	1	50
2nd Week	**Module II: Managing learner centered teaching classrooms**	1 Week	1	50
3rd Week	**Module III: Innovative teaching methods for digital classrooms**	1 Week	1	50
4th Week	**Module IV: Feedback and Assessment**	1Week	1	50
Final Evaluation				**100**

Module I	**Introduction to digital pedagogy and its various aspects**
Rationale	This module builds a strong foundational understanding of the key factors of digital Pedagogy, advantages, challenges and implementation process.
Learning Outcomes (LO's)	**By the end of Module I, learners will be able to:**
LO1	**Define** the concept of digital pedagogy.
LO2	**Explain** its significance in the context of digital transformation in education.
LO3	**Identify** the key features of synchronous and asynchronous learning environment.
LO4	**Differentiate** between digital pedagogy and ICT in teaching learning
LO5	**Effectively** communicate with learners in digital classrooms.
Contents	• Introduction & concept of Digital Pedagogy • Importance of digital transformation in education • Difference in digital pedagogy and ICT in teaching learning • Communication strategies in digital classroom
Practice Tasks	
P1	Reflect briefly how digital pedagogy affecting teaching learning process.
P2	Reflect briefly on how digital pedagogy is different from applying ICT tools in classroom.
P3	Write a short sample message for assignment reminder which you as a teacher would send to students in an online classroom.

Module II	Managing learner centered teaching classrooms
Rationale	This module builds a strong foundational understanding of managing digital classrooms by assessing student readiness, creating various learning communities, and design strategies to enhance their engagement in teaching learning.
Learning Outcomes (LO's)	**By the end of Module II, learners will be able to:**
LO1	**Understand** the need of learner centered classrooms.
LO2	**Evaluate** student readiness for digital learning environments.
LO3	**Create** collaborative and inclusive digital learning communities.
LO4	**Establish** and manage effective digital classroom environments.
LO5	**Design** strategies to promote online student engagement and motivation.
Contents	• Understanding digital literacy • Bridging digital divides and supporting learner autonomy, • Student engagement frameworks and strategies for enhancing student engagement, • Building digital learning communities and setting norms, • Etiquette in digital settings for safe and inclusive space
Practice Tasks	
P1	Identify digital literacy challenges.
P2	Case Study: Create a community for learners.
P3	Setting norms and establishing standards for digital learning.

Module III	Innovative teaching methods for digital classrooms
Rationale	This module emphasizes the importance of learner-focused innovative teaching methods that employ digital tools and platforms. By understanding the characteristics, benefits, and implementation of these methods, teachers can create dynamic, engaging, and inclusive digital learning experiences.
Learning Outcomes (LO's)	**By the end of Module III, learners will be able to:**
LO1	**Explain** the need for innovative, learner-focused teaching methods in digital education.
LO2	**Identify** key characteristics and types of innovative teaching methods
LO3	**Discuss** the benefits and challenges of applying innovative teaching strategies in digital classrooms.
LO4	**Demonstrate** how to implement at least one innovative teaching method using a suitable digital platform or tool.
LO5	**Reflect** on how these methods can improve learner motivation and outcomes.
Contents	• Learner focused innovative teaching methods, • Their need and key characteristics, • Different type of innovative teaching methods for digital pedagogy, • Implementation using various digital tools and platforms, benefits, • Challenges and consideration of teaching methods.
Practice Tasks	
P1	Choose any one innovative teaching method and create a short lesson using any digital tool.
P2	Reflect upon why the particular method and tools were selected by you and what could be improved after sharing this with the peer group.
P3	Hands on practice session for the pedagogical tools.

Module IV	Feedback and Assessment
Rationale	This Module develops a strong foundation to understand the essential role of feedback and assessment in supporting student learning. It equips participants with practical knowledge of various types, strategies, and digital tools to deliver effective, timely, and sound feedback and assessments in digital environments.
Learning Outcomes (LO's)	**By the end of Module IV, learners will be able to:**
LO1	**Explain** the purpose and importance of feedback and assessment in the digital teaching-learning process.
LO2	**Differentiate** between various types of feedback and assessment.
LO3	**Demonstrate** how to obtain and provide feedback to support learner development.
LO4	**Apply** pedagogical principles for designing and implementing effective digital assessment strategies.
LO5	**Evaluate** the effectiveness of different feedback methods and digital assessment tools in diverse educational contexts.
Contents	**Feedback:** • Introduction to feedback, • Types of feedback, • Obtaining and Providing effective feedback • Various digital tools to provide feedback **Assessment:** • Introduction to assessment, • Types of assessment, • Characteristics of assessment, • Pedagogical principles for digital assessment , • Various assessment tools
Practice Tasks	
P1	Practice drafting structured feedback messages.
P2	Design a lesson plan incorporating both formative and summative assessments.
P3	Identify and use digital tools to be used for assessment.

Assessment and Evaluation Scheme	
Module Wise Assessment	**For the purpose of award of Module certificate**
Note : Each module assessment will be of 50 Marks	
Assessment Criterion	**Marks**
Practice task/ Assignment	10
Presentation	20
Quiz (MCQ based)	20
Total	**50**
Final Evaluation	**For the purpose of award of Certificate Programme**
Evaluation Criterion	**Marks**
Project Report submission	50
Presentation	25
Viva Voce	25
Total	**100**