Transforming Teaching Practices in School Education: NEP 2020, Digital Pedagogy, and GenAI
Organized by: Centre for Interdisciplinary and Convergent Technologies (CIDCT), Indian Institute of Technology Kharagpur
17-21 November 2026
Programme Schedule for PGT (Biology, Physics)

Day &Theme	Time Slot	
Day-1 NEP 2020, 21st Century Pedagogy & Learning Foundations	9:00 AM – 9:30 AM	Registration
	9:30AM – 9:45AM	Inauguration
	9:45AM – 10:00AM	High Tea
	10:00 AM – 11:30AM	**NEP 2020 & 21st Century Skills** Prof. S. K. Das Mandal
	11.30 AM -1:00 PM	**Pedagogy of 21st-Century Learning** Prof. S. K. Das Mandal
	1.00 PM-2.00 PM	Lunch
	2.00 PM-3.30 PM	**Learning Taxonomies** Prof. S. K. Das Mandal
	3.30 PM-3.45 PM	Tea
	3.45 PM-5.00 PM	**Instructional Objective Design** Prof. S. K. Das Mandal
Day-2 Outcome-Based Education (OBE) & Assessment Practices	10:00 AM – 11:00AM	**Foundations of Outcome-Based Education** Prof. S. K. Das Mandal
	11.00 AM -11:45 AM	**Example Teaching – Demonstration of Best Classroom Practices** Prof. Suman Chakraborty (Director, IIT Kharagpur)
	11:45 AM-12:00 NOON	Tea
	12:00 NOON -1:00 PM	**Designing Outcome-Aligned Lesson Plans** Prof. S. K. Das Mandal
	1.00 PM-2.00 PM	Lunch
	2.00 PM-3.30 PM	**Assessment and Evaluation** Prof. S. K. Das Mandal
	3.30 PM-3.45 PM	Tea
	3.45 PM-5.00 PM	**Hands on:** Assessment and Evaluation Prof. S. K. Das Mandal

Day-3 **Laboratory Visit**	10:00 AM – 11:30AM	**Hands on/ Demonstration**
	11.30 AM -11:45 AM	Tea
	11.45 AM -1:00 PM	**Hands on/ Demonstration**
	1.00 PM-2.00 PM	Lunch
	2.00 PM-3.30 PM	**Hands on/ Demonstration**
	3.30 PM-3.45 PM	Tea
	3.45 PM-5.00 PM	**Hands on/ Demonstration**
Day-4 **Generative AI for Teaching & Professional Practice**	10:00 AM – 11:30AM	**Hands on: Generative AI** Dr. K. K. Bhagat
	11.30 AM -11:45 AM	Tea
	11.45 AM -1:00 PM	**Hands on: Generative AI** Dr. K. K. Bhagat
	1.00 PM-2.00 PM	Lunch
	2.00 PM-3.30 PM	**Hands on: Generative AI** Dr. K. K. Bhagat
	3.30 PM-3.45 PM	Tea
	3.45 PM-5.00 PM	**Hands on: Generative AI** Dr. K. K. Bhagat
Day-5 **Computational Thinking/Evaluation**	10:00 AM – 11:30 AM	**Introduction to Computational Thinking (CT)** Dr. Vishwanath Shukla
	11.30 AM -11:45 AM	**Tea**
	11.45 AM -1:00 PM	**Evaluation: Presentation** Dr. Vishwanath Shukla/ Dr. K. K. Bhagat
	1.00 PM-2.00 PM	Lunch
	2.00 PM-3.30 PM	**Evaluation: Presentation** Dr. Vishwanath Shukla/ Dr. K. K. Bhagat
	3.30 PM-3.45 PM	Tea
	3.45 PM-5.00 PM	Q&A and Closing Ceremony