

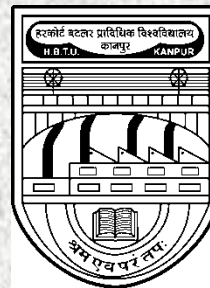
## E - Faculty Development Program

(MOOCs patterned online course)

On

# “ADVANCES IN TEACHING LEARNING PROCESS”

01-28 June 2020



*Coordinator*

*Dr. Vinod Kumar Yadav*

ORGANISED BY

DEPARTMENT OF HUMANITIES  
SCHOOL OF HUMANITIES & SOCIAL SCIENCES  
HARCOURT BUTLER TECHNICAL UNIVERSITY KANPUR-208002

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<b>Coordinator</b>	:	Dr. Vinod Kumar Yadav, School of Humanities & Social Sciences, HBTU Kanpur
<b>Supporting Team</b>	:	Prof. K. M. Mohapatra, Dean, School of Humanities & Social Sciences, HBTU Kanpur Dr. Bandana Nigam, Head, Department of Humanities, HBTU Kanpur Mr. Anchit Agarwal, School of Humanities & Social Sciences, HBTU Kanpur Mrs. Harshmit Kaur Saluja, School of Humanities & Social Sciences, HBTU Kanpur Mr. Abhay Singh, School of Humanities & Social Sciences, HBTU Kanpur
<b>Mode of course</b>	:	Online, Self paced, MOOCs based
<b>Duration</b>	:	01 June – 28 June 2020
<b>Delivery Mode</b>	:	Reading Material, videos lectures, online sessions
<b>Evaluation Methods</b>	:	Graded Assignment and Graded Quizzes
<b>Software &amp; Tools</b>	:	Google Classroom, Drive, Meet, Slides, Forms Etc.
<b>Participants</b>	:	Faculty members and Research Scholars
<b>Certificate</b>	:	Participants with 50% pass grades in assignments and quizzes
<b>Registration Link</b>	:	

[https://docs.google.com/forms/d/e/1FAIpQLSe11EpwB2pxkk38VFtdf-7d49wLjY\\_OTU7C40aW4yQKzsDJAA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe11EpwB2pxkk38VFtdf-7d49wLjY_OTU7C40aW4yQKzsDJAA/viewform)

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## **KEY OBJECTIVES**

1. To strengthen the horizon of teaching-learning process by mutual transformation of thoughts, ideas and experiences.
2. To update teachers about the advancements in teaching-learning process including latest approaches, tools and techniques.
3. To impart the necessary teaching skills to improve effectiveness in offline as well as online mode of delivery.
4. To motivate the teachers to innovate in teaching learning process with new tools and techniques in order to meet out the challenges ahead in education system.
5. To understand the online learning management system (LMS), teaching methodologies, tools and software.

## **PEDAGOGY OF THE COURSE**

The course is MOOCs based online course. A participant is required to devote 2-4 hours per week. The pedagogy includes mainly reading material, video lectures and discussions on discussion forum.

## **FOR WHOM**

The course will be very useful to the new faculty members of institutions as well as Ph.d. scholars imparting education in engineering, technology and management streams. The course is must for the new teachers in order to bring effectiveness in teaching learning process.

## **REGISTRATION FEE**

There is no registration fee.

## **SALIENT FEATURES OF THE COURSE**

1. The course is based on MOOCs pattern i.e. self paced system of learning
2. The course requires participant's involvement of 2-4 weeks only.
3. Flexible and online open system.
4. Weekend evaluation through graded assignments and graded quizzes
5. Min. 50% grade in the weekend evaluation is required to get participation certificate.
6. Selected successful participants will get a book/ e-book on "Elements of Teaching Learning Process" published by Elsevier India.



## **BRIEF CONTENTS**

### **WEEK 1: Essentials of Teaching Learning Process**

- 1.0: Introduction
- 1.1: The Making of an Effective Teacher
- 1.2: Knowledge Vs Delivery: Teaching Effectiveness in a Psychological Perspective
- 1.3: Understanding Teacher-Student Perception for Effective Learning in Higher Education
- 1.4: Recent Teaching Technologies in Technical/Higher Education
- 1.5: Characteristics & Qualities of a Good Teacher
- 1.6: **Graded Assignment 01**
- 1.7: **Graded Quiz 01**

### **WEEK 2: Issues in Classroom Teaching**

- 2.1: Essential Elements of Classroom Teaching
- 2.2: Strategies to prevent Absenteeism and class-bunking of classes
- 2.3: Core Vs Interdisciplinary Engineering: Are we moving in a right direction
- 2.4: Effective Communication in Classroom Teaching
- 2.5: Challenges in Classroom Teaching in Higher Education
- 2.6: **Graded Assignment 02**
- 2.7: **Graded Quiz 02**

### **WEEK 3: Knowledge, Learning and Evaluation**

- 3.1: The Learning Models and their relevance in Teaching Learning Process
- 3.2: Role of Research in Teaching
- 3.3: Evaluation Techniques and Validation System
- 3.4: A Pragmatic Approach to Evaluation of Teaching Learning Process: A Case Study of an Engineering Institution
- 3.5: Offline Vs Online: A blended approach of knowledge delivery
- 3.6: **Graded Assignment 03**
- 3.7: **Graded Quiz 03**

### **WEEK 4: Online, MOOCs and Distance Learning Perspectives**

- 4.1: Understanding Online Teaching Learning
- 4.2: Challenges in Online Teaching Learning
- 4.3: Global Practices in Online Teaching Methodologies
- 4.4: Virtual Labs: Issues and Challenges
- 4.5: Dual Degree Education System in India
- 4.6: **Graded Assignment 04**
- 4.7: **Graded Quiz 04**