

## **FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME**

**\*Day 1 - Report - 05/06/2023\***

We are delighted to share the report of the FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (Day 1) on 'OUTCOME BASED EDUCATION' which was organized by TamilNadu Teachers Education University in association with Dr. MGR Educational and Research Institute, Faculty of Education and Academic Staff College on 5th June, 2023 with nearly 487 participants joined in zoom meet and 911 participants joined through you tube link in session 1. The Inaugural session started with a welcome address given by Prof.P.Ganesan, COE i/c, Tamil Nadu Teacher Education University at 10:30 a.m. The Inaugural address was given by Prof. N.Panchanatham, Former Vice Chancellor, TamilNadu Teachers Education University. The felicitation address was given by Dr.V.Radhika, Additional Registrar, Dr. MGR Educational & Research Institute.

The \*session 1\* was chaired by Dr.Sohel Rana Sarkar, Assistant Professor, Hingalganj Mahavidyalaya, West Bengal on the topic "Outcome Based Education and its components: Vision, Mission and Programme Educational Objectives " at 11:00 a.m. He highlighted Outcome Based Education, Definition, Principles, Important benefits, Components, Vision and mission of OBE, Programme Educational Objectives (PEO), Indigenous Model of Education, Education-Apara Vidya and Para Vidya, Quality of Education System. He made everyone to understand the OBE concepts very well. The session ended with vote of thanks.

\*The Day1 - Session 2\* was chaired by Prof. Dr. Vinnaras Nithyanantham, UNICAF University, Cyprus on the topic "Bloom's Taxonomy and Design of Learning Outcomes" at 2:00 p.m with nearly 451 participants via zoom meet and 900 participants in You Tube link. He highlighted the Revised Taxonomy (2001), The original model outlined six main categories, concepts and Tools, Blooms Digital Taxonomy for iPad, innovations, learning pyramid, Tips for constructing learning outcome, Pedagogical Innovation and Technology in education. The topic discussed will be of great benefit to the listeners in handling today's classroom management and will surely be helpful for the teachers' approach in their daily life. The session ended with vote of thanks. We pleased to express our deep sense of gratitude to our Honorable President Er. A.C.S. Arun Kumar for providing the opportunity to organize the event. We thank all the executives for their support and guidance.

### **Day 2**

We are delighted to share the report of the FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (Day 2) on 'OUTCOME BASED EDUCATION' which was jointly organized by Tamil Nadu Teachers Education University in association with Dr. M.G.R Educational and Research Institute Faculty of Education and Academic Staff College on 6th June, 2023. The session 3 was chaired by Dr.K Chellamani, Dean,School of Education,Pondicherry University,Pondicherry on the topic "Developing Core Competencies & Performance Indicators" with nearly 473 participants in zoom meet and 523 participants via you tube link. She highlighted NEP2020 Focus, NHEQF, NCFTE 2009 vision, Lists of expected outcome, Curriculum design, Layout of Curriculum, Competencies to be developed by teacher, Emotional competencies, Performance Indicators, Reflective practice with 5 phases, Schon's Great Contribution, Learning through Portfolio and Online reflective practices. The session ended with vote of thanks.

The session 4 was chaired by Prof. Dr. Priyadarshini Muthukrishnan, Senior Lecturer, Department of Education, HELP University, Malaysia on the topic “Writing Course Outcome” with nearly 478 participants in zoom meet and 550 participants through you tube link. She highlighted the sources of defining course outcomes, Classify learning outcome using Bloom’s taxonomy, Evaluate learning outcome, Determine the overall programme delivered using OBE curriculum, Clusters of Learning Outcome, OBE practitioner and Course outcome. The topic discussed will be of great advantage to the participants in handling today’s classroom management and will surely be helpful for the teachers’ approach in their academic life. The session ended with vote of thanks. We express our deep gratitude to our Honorable President, Er. A.C.S.Arunkumar for his guidance. We thank all the executives for their constant support.

### **Day 3**

We are delighted to share the report of the FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (Day 3) on ‘OUTCOME BASED EDUCATION’ which was organized by Tamil Nadu Teachers Education University in association with Dr. MGR Educational and Research Institute, Faculty of Education and Academic Staff College on 7th June, 2023. The session 5 was chaired by Dr.Seema Gopinath, Assistant Professor, Department of Education, Central University of Rajasthan, Rajasthan on the topic “Mapping of COs(Course Outcome), PEOs(Program Educational Objective) to POs(Program Outcome) "with nearly 443 participants in zoom meet and 420 participants through YouTube link. She highlighted POs need with example for POs and PSO, course outcome with example, relating the outcomes, Performing CO mapping with PO and PSO. The session ended with vote of thanks.

### **Day 4**

We are delighted to share the report of the FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (Day 4) on ‘OUTCOME BASED EDUCATION’ which was jointly organized by Tamil Nadu Teachers Education University in association with Dr. MGR Educational and Research Institute, Faculty of Education and Academic Staff College on 8th June, 2023. The session 7 was chaired by Dr.A. Shyamala Devi, Assistant Professor, Department of Education, University of Madras, Chennai on the topic “Analysis of Attainments and Continuous Improvement Based on Outcome Based Education(OBE)" with nearly 430 participants in zoom link and 380 participants through you tube link. She highlighted Analysis of COs direct attainment, Indirect attainment, Overall COs attainment, CO –PO Mapping , Corrective measures of Improvement, Threshold value and Course Assessment tools.

### **Day 5**

We are delighted to share the report of the FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (Day 5) on ‘OUTCOME BASED EDUCATION’ which was jointly organized by Tamil Nadu Teachers Education University in association with Dr. MGR Educational and Research Institute, Faculty of Education and Academic Staff College on 9th June, 2023. The session 9 was chaired by Dr.Priyanka Datta, Department of Education, Bidhan Nagar College, WestBengal on the topic “Formation of Rubrics" with nearly 386 participants in zoom link and 455 via youtube link. She highlighted Rubrics, Grading tool address issues related to assessment, Characteristics of Rubrics, Elements of Rubrics, Types, Analytic (Descriptive) Rubrics, Holistic Rubrics, Developmental Rubrics, Checklist, Generic, Steps to develop a Rubric, Scoring Rubric, Group Orientation, Calibration and Effective use of Rubrics.

The session 10 was chaired by Prof. Dr. M. Ganesan, Joint Registrar, Curriculum Development Cell & Outcome Based Education, Dr. M.G.R. Educational and Research Institute, Chennai, Tamil Nadu on the topic “Best Practices in OBE – Implementation Teacher Education Discipline” with nearly 486 participants in zoom link 495 through youtube link. He highlighted the best practices in implementation of OBE, OBE cycle, Implementation process, examples of PEO, POs for degree, Process for refining Curriculum and Syllabus, Components of Curriculum, Cognitive Learning, Affective learning, Assessment process, CO wise mark distribution, Direct and Indirect Attainment of COs and POs, CO - PO Mapping and PO attainment. The topic discussed will be of great benefit to the listeners in handling today’s classroom management and will surely be helpful for the teachers’ approach in their academic life. The session ended with vote of thanks.

### **Valedictory Report**

We are delighted to share the valedictory report of 5 day International Online Faculty Development Programme on the topic ‘Outcome Based Education’ which was jointly organized by Faculty of Education and Academic Staff College, Dr.M.G.R. Educational and Research Institute in association with Tamilnadu Teachers Education University on 9th June 2023 started at 3:10 p.m with welcome address delivered by Dr.V. Sharmila, Assistant Professor, Department of Educational Technology, TamilNadu Teachers Education University. The FDP brief report was delivered by Dr. P. Senthamizh Pavai, Assistant Professor, Dr. M.G.R. ERI. The Guest of honor was introduced by Ms.J. Vigneshwari, Assistant Professor, Dr. M.G.R. ERI. The valedictory address was given by Dr. S. Geethalakshmi, Vice Chancellor, Dr. M.G.R. Educational and Research Institute. The guest of honor highly appreciated the team who has organized the FDP with well knowledgeable speakers and she expressed about the importance of OBE in the current scenario. Few of the participants shared their feedback and thanked the organizers. The programme which helped them to better understand the concept of OBE and Mapping of COs and POs. The purpose, results and outcomes were regarded as relevant and meaningful. Overall, the content of the FDP was highly appreciated by the participants. At last vote of thanks proposed by Dr. K.Geetha, Principal, Faculty of Education, Dr. M.G.R. ERI and the session ended with National Anthem. We express our deep gratitude to our Honorable President, Er. A.C.S. Arunkumar for his constant support and guidance to make this event a grand success. We would like to thank all the executives for their motivation and encouragement for all our endeavors.




**Tamil Nadu Teachers Education University**  
in association with  
**Dr.M.G.R. Educational & Research Institute**  
Faculty of Education & Academic Staff College  
jointly organises

**FIVE DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME**

OR

**OUTCOME BASED EDUCATION**

**From 05-06-2023 to 09-06-2023**



**NO REGISTRATION FEE**  
Registration Link: <https://forms.gle/LwELgJmWEYtCfpF9>

  
**FIVE DAY INTERNATIONAL ONLINE FDP**

**Session Details**

S.NO	DATE	TIMINGS	TOPIC	RESOURCE PERSON DETAILS
1	5/6/23	11.00 a.m to 12.30 p.m	Outcome-Based Education and its Components: Vision, Mission & Programme Educational Objectives (PEO)	Dr. Sohel Rana Sarkar, Assistant Professor, Department of Education, Hingalgaon Mahavidyalaya, West Bengal.
2		2.00 p.m to 3.30 p.m	Bloom's Taxonomy and Design of Learning Outcomes	Dr. Vinaras Nithyanandham, Professor in Education, UNICAF University, Cyprus.
3	6/6/23	10.30 a.m to 12.00 noon	Defining Core Competencies and Performance Indicators	Dr. Chellamani, Professor, Pondicherry University, Pondicherry.
4		2.00 p.m to 3.30 p.m	Writing Course Outcome (COs)	Dr. Priyadarshini Mathurakrishnan, Senior Lecturer, Dept of Education, HELP University, Malaysia.
5		10.30 a.m to 12.00 noon	Mapping of COs, PEOs to POs.	Dr. Seema Gopinath, Assistant Professor, Department of Education, Central University of Rajasthan, Rajasthan.
6	7/6/23	2.00 p.m to 3.30 p.m	Assessment Techniques for the Attainment of COs and POs	Dr. Ravi Pratap Singh, Assistant Professor, SRT College, Dharm(Godda), Sido Kashi Murmu University, Dumka, Jharkhand.



The screenshot shows a Zoom meeting interface. The top part displays a grid of participants. The main content area shows a presentation slide with the following text and diagrams:

**Components of Outcome Based Education:**

- Learning Outcomes
- Assessment Strategies
- Competencies
- Programme Educational Objectives
- Teaching and Learning
- Assessment and Evaluation

**EDUCATION**

**Apara Vidya**  
The Knowledge of the intellect and senses that comprises the empirical and objective knowledge

**Para Vidya**  
For all kind of values, Self-realization and self-discovery in the path of Supreme Truth

**Relationship: Vision, mission and Program Educational Objectives**

Vision informs Mission

Mission guides PEOs

PEOs align with Vision

**The Revised Taxonomy (2001)**  
(A Taxonomy for Teaching, Learning, and Assessment)

1956: Knowledge, Comprehension, Application, Analysis, Synthesis, Evaluation

2001: Understand, Evaluate, Create

Ordering Skills ↑

Order ↓

Other shared content includes: 'This will melt your heart' (Carnegie Mellon University), 'Moores's Digital Taxonomy for 21st Century' (a grid of icons), and a world map with a person's head silhouette.

**Linking Two Dynamic Processes to Promote Deep Learning**

Developing → Developing → Documenting → Conforming → Identifying

Developing	Developing a tool to identify students' competence in thinking
Developing	Developing a tool to identify students' comprehension of the course component
Documenting	Documenting students' reflections in the learning process
Conforming	Conforming the learning process through reflective portfolios
Identifying	Identifying the effectiveness of the operation of reflective portfolios on the competence of thinking and comprehension of the course component among students in Teacher Education

Other shared content includes a video player showing 'REFLECTION DEFINED BY BOLD, KEOGH AND WALKER (1989)' and a Zoom participant grid.



### Constructive alignment



### Developing Measurable COs: A Three-level Model (Carriveau, 2010)

University Level – undergraduate student learning outcomes

Program-level: Goals produce Student Learning Outcomes that describe what students will do to demonstrate they met the learning goals

Course-level Student Learning Outcome: these are determined by the faculty and specify course observable products or demonstrations

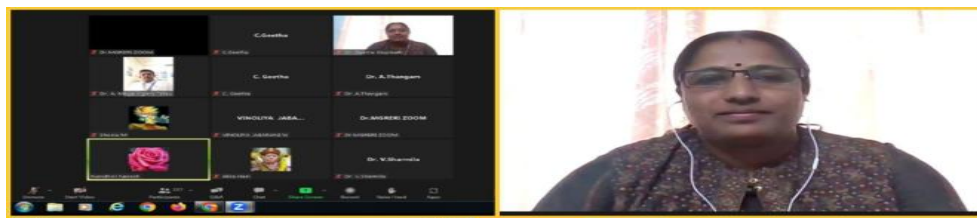
This model allows you to develop assessments that measure the outcomes, and that then connect directly to the learning goals.

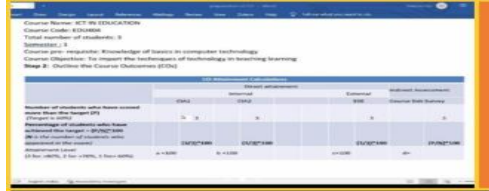
### OBE: CO



### Key Components of OBE

- Vision and Mission of the Institute
- Vision and Mission of the Department
- Programme Educational Objectives (PEOs)
- Graduate Attributes (GAs)
- Programme Outcomes (POs)
- Course Outcomes (COs)
- Programme Specific Criteria





Category	CO1	CO2	CO3	CO4	CO5
Number of students who have passed more than the target (%)	100	100	100	100	100
Percentage of students who have achieved the target - 80% (min)	100	100	100	100	100
Min. No. of students who achieved the target	100	100	100	100	100
Maximum mark	100	100	100	100	100
Minimum mark	100	100	100	100	100

### Example for PEO

- PEO1- CORE PROFICIENCY  
Graduates will be empowered with fundamental concepts, analytical capabilities and problem-solving skills.
- PEO2- PROFESSIONALISM  
Graduates will be employed, may pursue education or undertake research.
- PEO3- LEARNING ENVIRONMENT  
Graduates will embrace Professionalism with Values & Ethics and urge for continuous learning.

### Overall COs Attainment Level

Course Outcomes	COs Attainment from Semester I Exam	COs Attainment from End Semester Exam	COs Direct Assessment	COs Indirect Assessment	OVERALL ATTAINMENT	
CO1	A = 100% (100%) B = 100% (100%) C = 100% (100%) D = 100% (100%) E = 100% (100%)	B = 100% (100%) C = 100% (100%) D = 100% (100%) E = 100% (100%)	C = 100% (100%) D = 100% (100%) E = 100% (100%)	D = 100% (100%) E = 100% (100%)	A = 100% (100%) B = 100% (100%) C = 100% (100%) D = 100% (100%) E = 100% (100%)	A = 100% (100%) B = 100% (100%) C = 100% (100%) D = 100% (100%) E = 100% (100%)

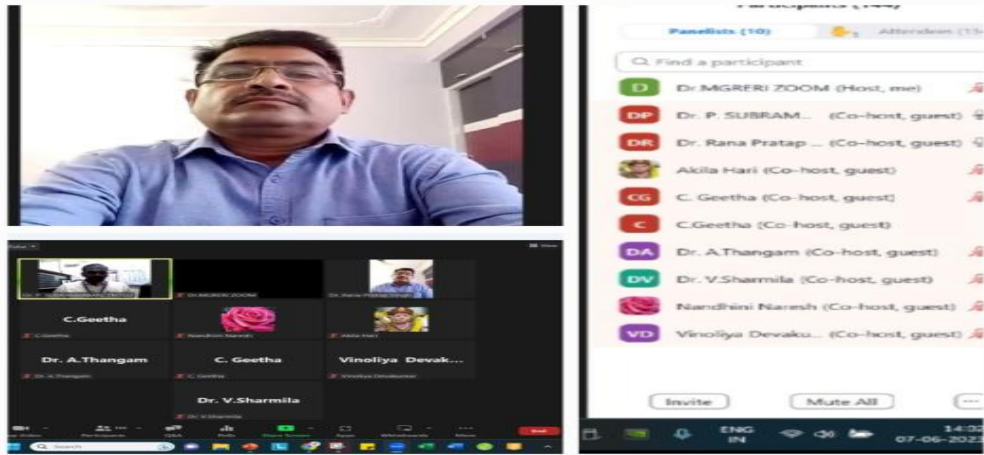
### Example for PSO & PO

Program Specific Outcomes (PSOs)

- PSO1: Insight into various fields of Information Technology
- PSO2: Understand and resolve Engineering Problems
- PSO3: Ready for Industry, Academia and Research

Program Educational Objectives (PEOs)

- PEO1: Professionalism
- PEO2: Core Proficiency
- PEO3: Learning Environment



### Analysis of Attainments and Continuous Improvement based on Outcome Based Education (OBE)

#### Overall COs Attainment Level

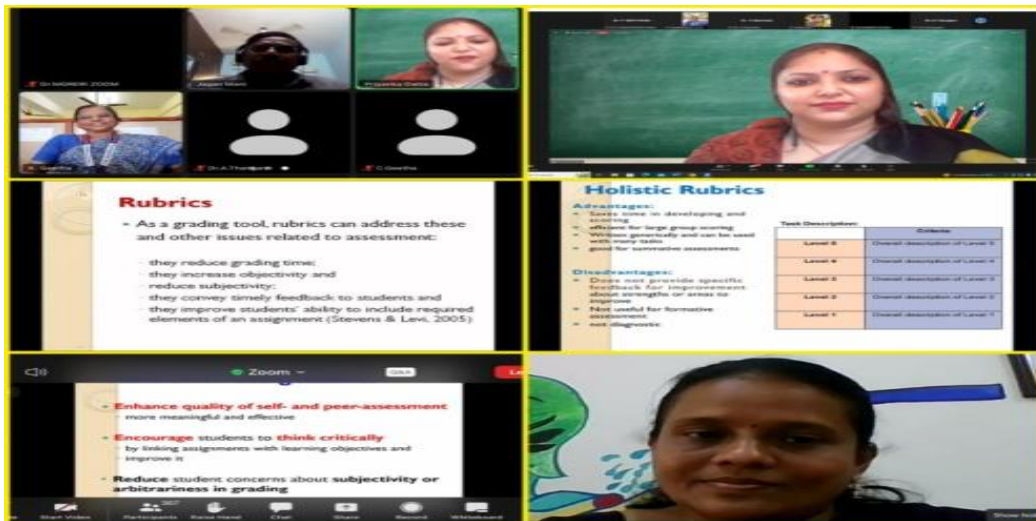
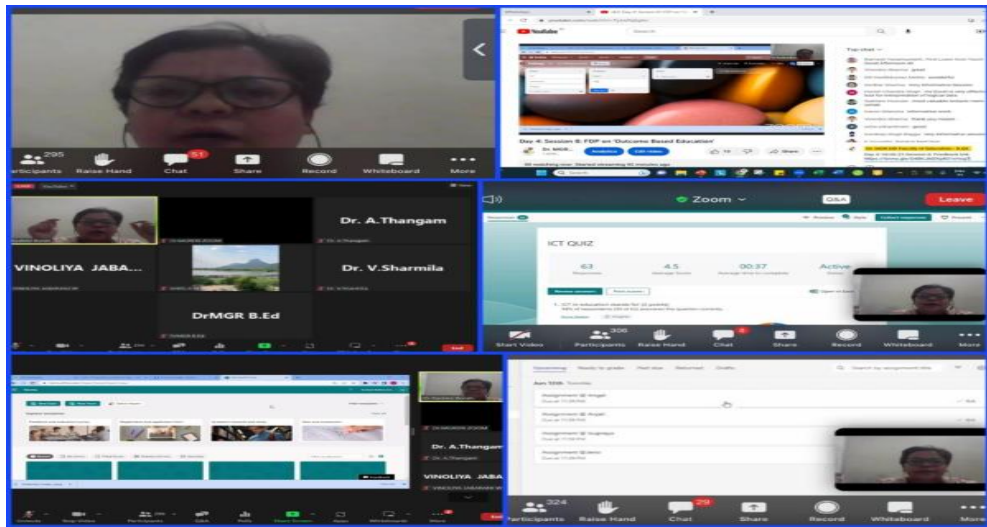
COs Attainment from Internal Test	COs Attainment from End Semester Exam	COs Direct Attainment	COs Indirect Attainment
A = (Internal Test 1 & Internal Test 2)	B = End semester Exam	C = (A+B) / 2	D = ((A*B) + (C*B)) / 2

A = No. of students choosing option (1)  
 B = No. of students choosing option (2)  
 C = No. of students choosing option (3)

#### Analysis of COs Overall Attainment

Overall Attainment = 90% of Direct COs Attainment + 10% of Indirect COs Attainment

Direct CO Attainment Level (DA)	Indirect CO Attainment Level (IDA)	Overall Attainment Level (DA + IDA) * 10%
2.4	2.5	2.42
2.6	2.8	2.62
3	2.6	2.96
2.2	3	2.08
2.8	2.5	2.72
<b>Average COs Attainment</b>		<b>2.47</b>





**OBE Cycle**

Outcomes, Teaching and Learning Process, Assessment, Implementation, and Evaluation are interconnected in a cycle around OBE.

**Criteria 1**

Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programmatic Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the University.

- Curriculum development and implementation - OBE Manual
- Effective Curriculum Planning, delivery and evaluation through a well defined process.
- Inter-disciplinary / Inter-departmental courses.
- Certificate, Add-on, Value added courses.

**Pedagogy**

- Chalk and talk
- Seminar
- Group discussion
- Quiz
- Lab Demo's

Participants visible in the grid include K. Geetha, Dr. A. Thangam, and Dr. Prof. Ganesh.

**Chat Messages:**

- Thanks to all organizing team
- thank you ... innovative session
- Great efforts done by organizing team and Dr. Geeta mam...
- congratulations to organisers and the principal madam for inspiring the whole team with good spirit and I request you to conduct many more FDP like this. It was worth attending this FDP. Thank you madam
- congratulations organizing committee for very wonderful and informative FDP..