

# Orientation on Mapping of PO-PSO-CO for Outcome Based Education in B. Ed Program

Date: 9th May 2024

Platform: Zoom

Organized by: Internal Quality Assurance Cell of Rizvi College of Education

Number of Participants : 30

Rizvi College of Education organized a Faculty Development Programme titled "Orientation on Mapping of PO-PSO-CO for Outcome Based Education in B. Ed Program" on the 9th of May, 2024, via the Zoom platform. The objective was to enhance teaching practices and align educational outcomes with the evolving demands of Outcome Based Education (OBE).

The session was enriching where Dr. Dattatraya Parhad elucidated the concept of OBE - Outcome Based Education, emphasizing a pivotal shift from a teacher-centric to a learner-centric approach, aligned with the ethos of NEP 2020. **Core Components of OBE** were shared with the participants. Additionally, the workshop delved into the definition of PO-PSO-CO, which formed the central theme of the session. Participants were guided on designing Program Outcomes (PO's), Course Outcomes (CO's), and Program Specific Outcomes (PSO's) using Bloom's Taxonomy. **Examples were shared for clarity**

Our next speaker Mr. Vishwas Deshmukh on Bloom's Taxonomy and the accompanying Verb table, which are utilized to formulate appropriate statements. He also elucidated how question papers are constructed, aligning them with the learning outcomes of the course at various levels. Furthermore, Mr. Vishwas delved into the subsequent steps involving mapping and calculating the attainment of Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO) with reference to the B.Ed. semester one course: Childhood and Growing Up, specifically addressing the University Exam paper. He demonstrated this process using an Excel sheet.

The Faculty Development Programme provided valuable insights into aligning educational outcomes with teaching practices. Participants gained practical knowledge on designing and assessing PO-PSO-CO frameworks, with a focus on continuous improvement.

At the end of the program feedback was collected through goggle forms and participants received e-certificates by email

## Geotagged Images:

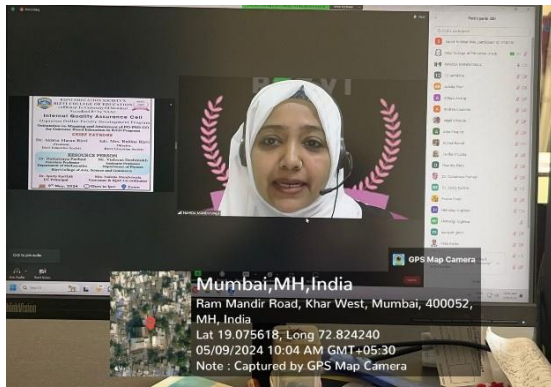


Fig no. 1 - Introduction about the program given by Mrs. Nahida Mandviwala

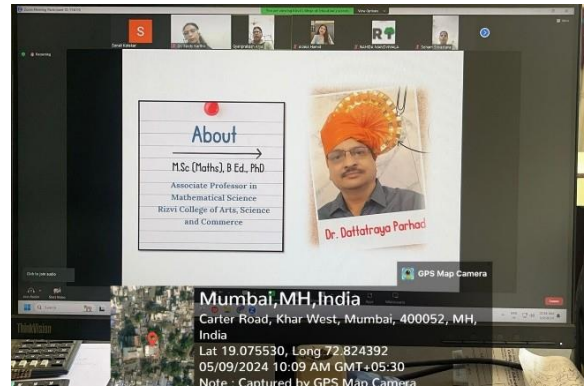
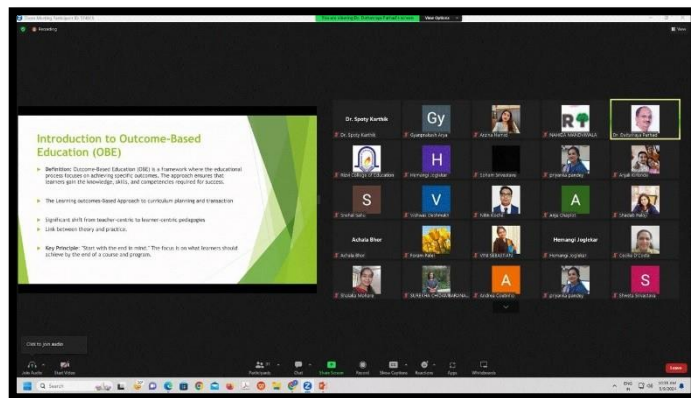
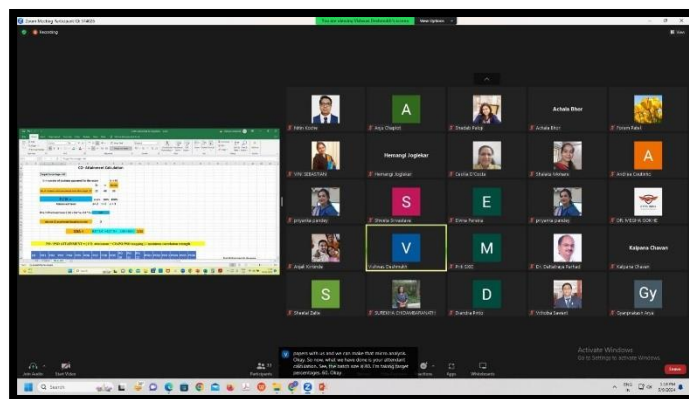


Fig no. 2 - Introduction of the guest speakers given by Dr. Gyanprakash Arya



Dr. Parhad explaining the terms OBE, PO-PSO-CO.



Mr. Deshmukh explaining the calculation of CO's and PO's attainment.

Zoom Meeting Participant ID: 574026

You are viewing Vilhas Deshmukh's screen

Recording

### CO-PO Mapping

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3	PS O4	PS O5	PS O6	Avg CO	
CO1	3	3	3	3	1	1	3	3	1	3	0	0	0	1	0	0	0	0	0	2.3
CO2	3	3	2	1	1	1	1	2	1	1	0	0	0	2	2	2	1	1	1	1.6
CO3	3	1	2	2	1	1	2	1	1	3	0	0	1	2	0	1	0	0	1.7	
CO4	3	3	2	1	2	1	1	1	2	2	0	0	0	2	2	0	0	0	1.8	
CO5	3	2	2	2	2	1	3	1	1	2	0	0	0	2	0	2	0	0	1.9	
CO6	3	3	3	2	2	1	2	2	2	2	0	0	2	2	2	1	1	1	1.9	
<b>AVG</b>	<b>3.0</b>	<b>2.0</b>	<b>2.3</b>	<b>1.8</b>	<b>1.5</b>	<b>1.0</b>	<b>2.0</b>	<b>1.6</b>	<b>1.3</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>1.5</b>	<b>1.8</b>	<b>2.0</b>	<b>1.2</b>	<b>1.0</b>	<b>1.3</b>		
<b>PO</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>		

1: Slight Correlation, 2: Moderate correlation, 3: Substantial correlation, 0: No correlation

Participants: Snehal Sahu, Nalin Koche, Anju Chaplot, Shalab Paloj, Achala Bhor, Hemangi Joglekar, Foram Patel, VINI SEBASTIAN, Hemangi Joglekar, Cecilia D Costa, Shalaka Mohare, Andrea Coutinho, priyanka pandey, Sheela Srivastava, Vilhas Deshmukh, Diandra Pinto, Elna Pereira, priyanka pandey, DR. MEGHA DCKHE, Anjali Kirtode, Vilhas Deshmukh, Priti Sike, Dr. Dattatraya Parhad, Kalpana Chavan, Sheetal Zaki, SUREKHA CHIDAMBARAMATH

in the CO 2 or in the CO 3 and likewise. Because these are just the basic labels that I'm trying to understand and therefore I just randomly said okay PO one is attended everywhere. Okay, p 1 is just whatever

12:11 PM 5/8/2024

Zoom Meeting Participant ID: 574026

You are viewing Dr. Dattatraya Parhad's screen

Recording

### Designing COs, POs and PSOs

#### Bloom's Taxonomy

create: Produce new or original work. Present original research, develop innovative solutions, create new products.

evaluate: Assess a claim or decision. Monitor and evaluate the progress of others, assess the quality of work, make judgments.

analyze: Draw connections among ideas. Analyze information to identify patterns, relationships, and underlying structures.

apply: Use information in new situations. Apply concepts and theories to solve problems, use skills in new contexts.

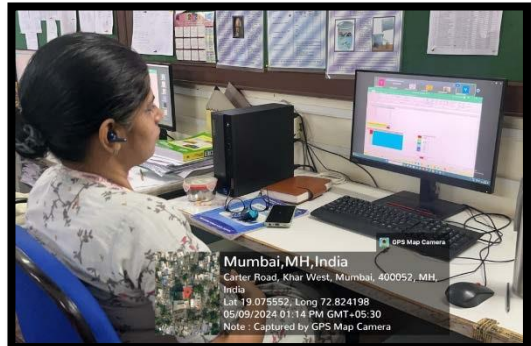
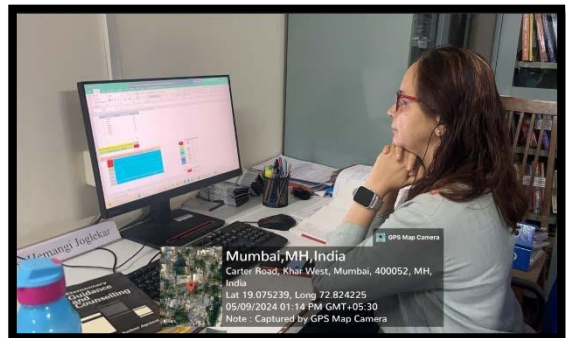
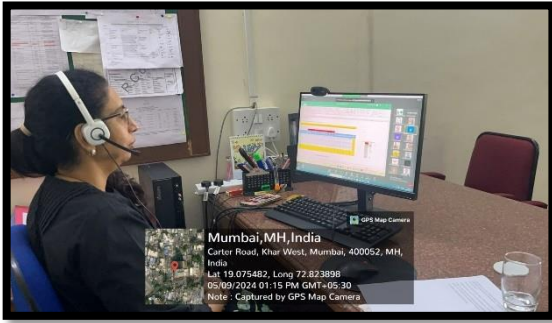
understand: Explain ideas or concepts. Interpret information, compare and contrast, describe relationships.

remember: Recall facts and relationships. List, describe, identify, locate, retrieve.

Participants: Dr. Spoty Karthik, Gy, Arzina Hamid, NAHIDA MANDIWALA, Dr. Dattatraya Parhad, Rishi College of Education, priyanka pandey, Hemangi Joglekar, Soham Srivastava, Anjali Kirtode, Snehal Sahu, Vilhas Deshmukh, Nalin Koche, Anju Chaplot, Shalab Paloj, Achala Bhor, Foram Patel, VINI SEBASTIAN, Hemangi Joglekar, Cecilia D Costa, Shalaka Mohare, Andrea Coutinho, priyanka pandey, Sheela Srivastava, Prof. Manjush Gour Ghori

10:31 AM 5/8/2024

Faculty members of RCoEd attending the workshop.



# Participants Attending the Session

Zoom Meeting

A closed captioning transcript is being generated.

Recording

OK Leave meeting

Participants (31)

Find a participant

NAHIDA MANDVIWALA (NA) Unmute

Rishi College of Education (Host)

Vishwas Deshmukh

Achala Bhor

Andrea Coutinho

Anjali Kirkode

Anju Chiplot

Arzina Hamid

Cecilia D'Costa

Diandra Pinto

Dr. Dattatraya Parhad

DR. MEGHA GOKHE

Dr. Spoty Karthik

Elvina Pereira

Forum Patel

Hemangi Jogtekar

Hemangi Jogtekar

Kalpna Chavan

Nitin Koche

Prati SXIE

pryanka.pandey@indows.com Go to Settings to activate Windows. Invite Unmute Mic

Dr. Spoty Karthik

Dr. Spoty Karthik

33°C Haze

Search

12:56 09-05-2024

Zoom Meeting

A closed captioning transcript is being generated.

Recording

OK Leave meeting

Participants

Mute Stop Video

Participants 31

Chat

Share Screen

Record

Show Captions

Reactions

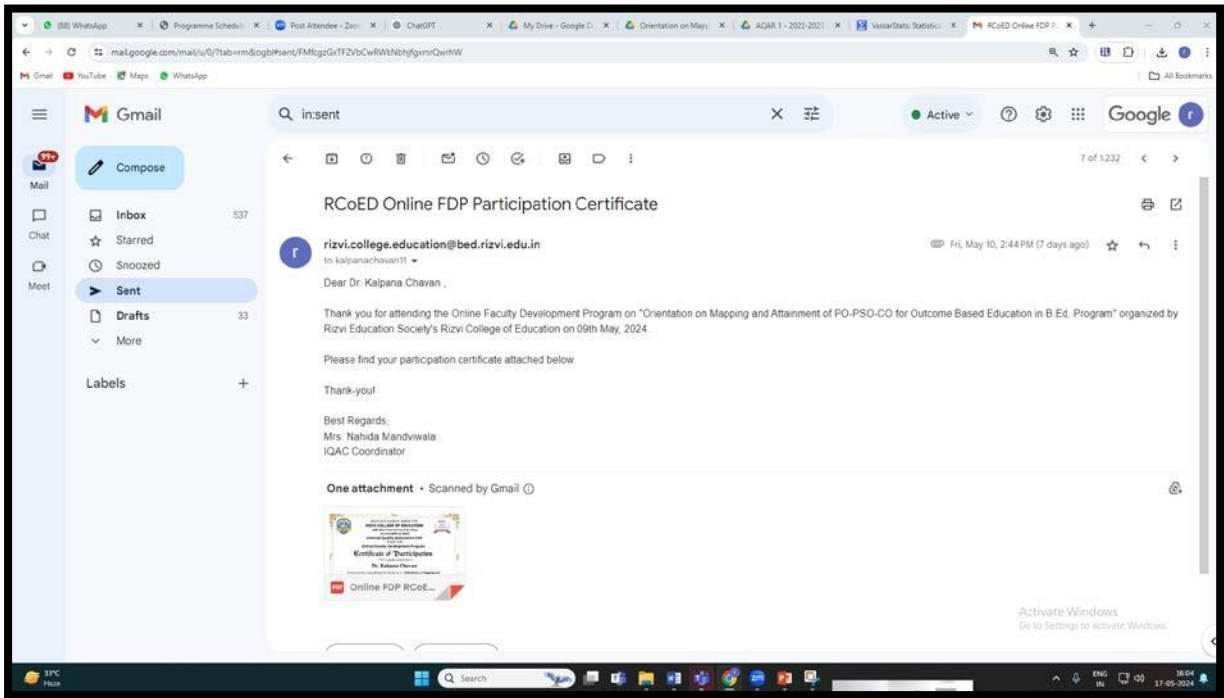
Apps

Whiteboards

Notes

13:45 09-05-2024

## E-Certificates emailed to Participants





RIZVI EDUCATION SOCIETY'S  
**RIZVI COLLEGE OF EDUCATION**

(Affiliated To University of Mumbai)

Accredited B+ by NAAC

**Internal Quality Assurance Cell**  
Organizes

**Online Faculty Development Program**

## Certificate of Participation

This is proudly presented to

**Ms. Jyoti B Bhatia**

for successfully completing the Workshop on "Orientation on Mapping and Attainment of PO-PSO-CO for Outcome Based Education in B.Ed Program"

Dr. Spoty Karthik  
I/C Principal



Mrs. Nahida Mandviwala  
Convenor & IQAC Coordinator



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**Online Faculty Development Program**

## Certificate of Participation

This is proudly presented to

**Dr. Gyanprakash Arya**

for successfully completing the Workshop on "Orientation on Mapping and Attainment of PO-PSO-CO for Outcome Based Education in B.Ed Program"

Dr. Spoty Karthik  
I/C Principal



Mrs. Nahida Mandviwala  
Convenor & IQAC Coordinator





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## Internal Quality Assurance Cell

Organises Online Faculty Development Program  
Orientation on Mapping and Attainment of PO-PSO-CO  
for Outcome Based Education in B.ED Program

### CHIEF PATRONS

**Dr. Akhtar Hasan Rizvi**  
President,  
Rizvi Education Society

**Adv. Mrs. Rubina Rizvi**  
Director,  
Rizvi Education Society

### RESOURCE PERSON

**Dr. Dattatraya Parhad**  
Associate Professor  
Department of Mathematics  
Rizvi College of Arts, Science and Commerce

**Mr. Vishwas Deshmukh**  
Assistant Professor  
Department of Physics  
Rizvi College of Arts, Science and Commerce

**Dr. Spoty Karthik**  
I/C Principal

**Mrs. Nahida Mandviwala**  
Convenor & IQAC Co-ordinator



9<sup>th</sup> May, 2024



10am to 1pm



Zoom

### OPEN FOR TEACHER EDUCATORS

Registration Fees- 150₹

For Registration and Payment Details



OR

<https://bit.ly/rcoedFDP2024>

Scan the QR Code

Click on the link



Rizvi College Of Education



[www.bed.rizvi.edu.in](http://www.bed.rizvi.edu.in)



[rcoed2021](https://www.instagram.com/rcoed2021)



## **Orientation on Mapping and Attainment of CO, PO & PSO for Outcome Based Education in B. ED Program**

### **Concept Note:**

The 21st century Outcome Based Education (OBE) is to be designed on the premise that it can measure learner outcomes and assess its alignment with the specified program goals. The National Education Policy 2020 aims at OBE that enables educators to focus on teaching learning aspects leading to award of degrees on the basis of demonstrated achievement of outcomes and academic standards as expected of the program. Program outcome (PO) specifies what students completing a particular program are expected to know, understand and be able to do at the end of the program. Course Outcome (CO) specifies the knowledge and skills students achieved through the particular course. Mapping POs to Cos is essential to ensure alignment between the overall program goals and the learning outcomes of the individual courses. It also enables effective assessment of student learning and program effectiveness. The workshop aims to orient educators with practical strategies and tools for effectively mapping program objectives to course objectives in B.Ed. degree program in order to enhance alignment, coherence and assessment.

### **FDP Outcomes:**

By the end of the workshop, participants will:

- Understand the concepts of CO, PO and PSO in the Outcome based education
- Gain practical skills and tools for mapping POs to COs effectively
- Gain practical skills and tools to measure the attainment of COs and POs and effectiveness of teaching methods adopted to teach the courses.

**Participants will receive E-certificates**

### **Organising Committee**

**Dr. Gyanprakash Arya**  
**Dr. Priyanka Pandey**

**Ms. Jyoti Bhatia**  
**Dr. Shweta Srivastava**  
**Mrs. Hemangi Joglekar**

**For any assistance please contact-**  
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**Mrs. Nahida Mandviwala**

**For Payment related queries-**  
**8369360630**

**Mr. Ashish Nijab**