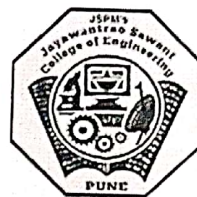




JSPM's
JAYAWANTRAO SAWANAT COLLEGE OF ENGINEERING
Department of Information Technology Engineering



OBE Framework CO-PO Mapping and Assessment Strategies
Organised by

Department of Information Technology Engineering

Scheduled on 24th August 2024

Event Coordinator

Prof. S.A.Bagul

Dr. S.R. Rangari
HoD (IT)

Dr. R. D. Kanphade
Principal
JSCOE, Hadapsar, Pune



JAYAWANT SHIKSHAN PRASARAK MANDAL'S
**Jayawantrao Sawant College of
Engineering, Pune**

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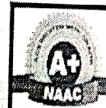
ACCREDITED BY NBA AND NAAC

Department of Information Technology



Since 2004

**OBE Framework:
CO-PO Mapping & Assessment
Strategy**



Date: Saturday, 24th Aug, 2024



Time: 2.30PM



Venue: Board Room, IT Dept, JSCOE

-: Session Coordinator :-

Prof. Swati Bagul



Prof. Sanchita Pange
Assistant Professor

PATRONS

Hon. G. T. Sawant
Secretary, TSSM

Dr. Sanjay Sawant
Campus Director

Dr. Vasant Bugade
Campus Director

Dr. R. D. Kanphade
Principal, JSCOE

Dr. Sudhir Rangari
HoD (IT)

Title : OBE Framework: CO-PO Mapping and Assessment Strategies

Objective of Session :

- The primary aim of the session was to enhance faculty understanding of the OBE framework, facilitate accurate CO (Course Outcomes) - PO (Program Outcomes) mapping,
- Introduce effective assessment strategies for benchmarking students' performance.
- The lecture provided valuable insights into aligning teaching methodologies with accreditation requirements and outcome-based evaluation.

Description :

The Department of Information Technology at JSPM's Jayawantrao Sawant College of Engineering, Hadapsar, organized a guest lecture on Outcome-Based Education (OBE) Framework, CO-PO Mapping, and Assessment Strategies & Benchmark on 24th August 2024. The session was conducted for faculty members to enhance their understanding of OBE and its implementation in academic assessment. The session was conducted by **Prof. Sanchita Pange**, an experienced faculty member from the Electronics and Telecommunication Engineering (ENTC) Department.

About the Speaker :

- M.E.(Electronics)
- Ph. D. (Pursuing)
- Teaching Experience: 13 Yrs.

Speaker explained following points

1 Understanding the OBE Framework:

- Definition and significance of Outcome-Based Education in engineering education.
- Role of OBE in meeting accreditation requirements (NBA, NAAC).
- Difference between traditional and outcome-based learning approaches.
- OBE focuses on defining learning outcomes and aligning teaching methodologies to achieve them.
- It helps in enhancing student learning experiences and preparing them for industry requirements.

2 CO-PO Mapping Techniques:

- Step-by-step process of defining Course Outcomes (COs).
- Mapping COs with Program Outcomes (POs) and Program Specific Outcomes (PSOs).
- Techniques for effective CO-PO mapping with appropriate weightage.
- Course Outcomes (COs) define the knowledge and skills a student should acquire by the end of a course.
- Program Outcomes (POs) represent the broader skills and competencies that graduates should possess.
- The session explained how to map COs with POs systematically to ensure a well-structured curriculum.

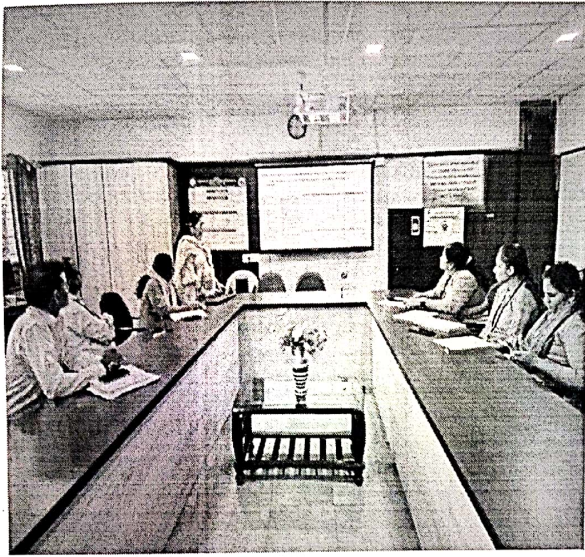
3 Assessment Strategies and Benchmarking:

- Formative and summative assessment techniques.
- Direct and indirect assessment methods.
- Rubrics for evaluating student performance.
- Strategies to set benchmarks for student learning outcomes.
- The importance of direct and indirect assessment methods was highlighted.
- Various assessment tools, including rubrics, assignments, quizzes, and project-based evaluations, were discussed.
- Strategies for formative and summative assessment were elaborated upon.

Faculty Participation and Interaction

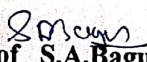
The session witnessed active participation from IT department faculty members. Several queries related to assessment models, CO-PO attainment calculation, and benchmarking techniques were addressed by Prof. Sanchita Pange. The discussion also covered best practices for maintaining records for accreditation purposes.

Glimpses of the session



Outcomes:

- Faculty gained in-depth knowledge of the OBE framework and its practical implementation.
- Enhanced understanding of CO-PO mapping and assessment techniques.
- Improved strategies for setting benchmarks and evaluating student performance.
- Better alignment of curriculum objectives with industry expectations.
- Faculty members were able to clarify doubts through an interactive Q&A session.


Prof S.A. Bagul
Event Coordinator


Dr S.R. Rangari
HOD (IT)

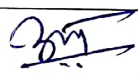
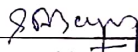
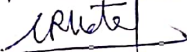
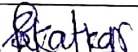
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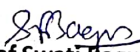
JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING, HADAPSAR, PUNE-28

DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR: 2024-25 (SEM-I)

OBE Framework CO-PO Mapping and Assessment Strategies

Sr No	Faculty Name	Sign
1	Prof A.R.Halmare	
2	Prof S.A.Bagul	
3	Prof M.N.Badgujar	
4	Prof M.A.Gade	
5	Prof S.S.Katkar	


Prof Swati Bagul

Event Coordinator


Dr.S.R.Rangari

HOD IT

Head of Department
Dept. of Information Tech.
JSPM'S, Hadapsar, Pune-28



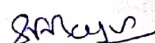
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING,
HADAPSAR**

DEPARTMENT OF INFORMATION TECHNOLOGY

A.Y.2024-2025(SEM-I)

**Feedback Analysis of "OBE Framework CO-PO Mapping and Assessment Strategies for
Faculty"**

Questions	%Feedback
1. Was the content of the lecture relevant and aligned with your expectations?	87
2. How well did the speaker explain the concept of CO formation and its importance?	93
3. Did the lecture enhance your understanding of the CO-PO-PSO mapping process?	87
4. Did you like the method of explanations about expert Lecture?	93
5. How interactive was the session?	93
6. How would you rate the speaker's engagement with the audience?	93
7. Were you able to identify how to apply CO-PO-PSO mapping in your teaching practices?	80
8. Was the duration of the session appropriate?	87
9. Were the materials (slides, handouts, etc.) provided useful for your understanding?	93
10. Were the assessment strategies and benchmarking techniques clearly explained?	87


Prof S.A. Bagul

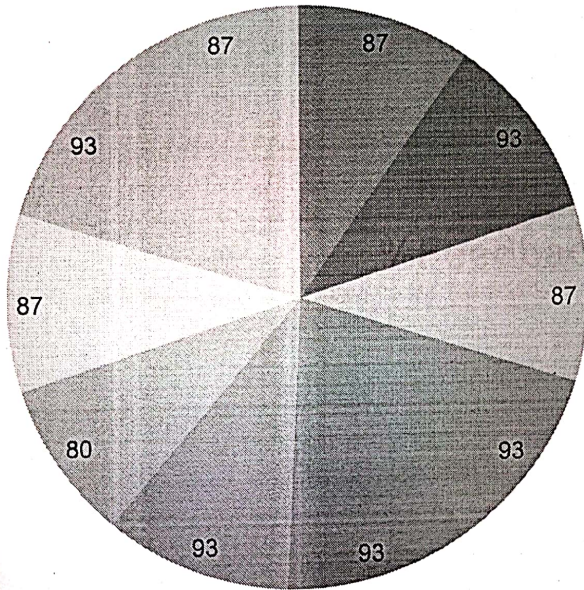
Event Coordinator


Dr. S.R. Rangari

Head of Department
Dept. of Information Tech.
ISCOE, Hadapsar, Pune-28



%Feedback



- 1. Was the content of the lecture relevant and aligned with your expectations?
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Timestamp	Name	1. Was the content of the lecture relevant and aligned with your expectations?	2. How well did the speaker explain the concept of CO formation and its importance?	3. Did the lecture enhance your understanding of the CO-PO mapping process?	4. Were practical examples or case studies used effectively during the session?	5. How interactive was the session?	6. How would you rate the speaker's engagement with the audience?	7. Were you able to identify how to apply CO-PO-PSO mapping in your teaching practices?	8. Was the duration of the session appropriate?	9. Were the materials (slides, handouts, etc.) provided useful for your understanding?	10. Were the assessment strategies and benchmarking techniques clearly explained?	11. What suggestions do you have for improving future sessions on similar topics?
24/08/2024 4:20:22 PM	Prof M.A.Gade	3	3	2	2	3	3	3	2	3	2	Very Nice
24/08/2024 4:25:19PM	Swati Bagul	2	3	3	3	3	3	3	3	3	3	Demonstrate how to use automated CO-PO mapping
26/08/2024 9:25:18PM	S.S.Katkar	2	3	3	3	3	2	1	3	2	2	Very knowledge
26/08/2024 10:10:34PM	Atul Halmare	3	2	3	3	3	3	3	2	3	3	Create a follow-up forum or WhatsApp group for continued discussion.
24/08/2024 4:23:15PM	M.N.Badgujar	3	3	2	3	2	3	2	3	3	3	Overall, the session was highly informative
AVG		2.6	2.8	2.6	2.8	2.8	2.8	2.4	2.6	2.8	2.6	
%		87	93	87	93	93	93	80	87	93	87	

Feedback on " OBE Framework, CO-PO Mapping, and Assessment Strategies for Faculty "

24 th August 2024

* Indicates required question

1. Email *

2. Name *

3. contact No *

4. 1. Was the content of the lecture relevant and aligned with your expectations? *

?

☐ 3. Substantially

☐ 2. Moderately

☐ 1. Slightly



5. 2. How well did the speaker explain the concept of CO formation and its importance? *

☐ 3. Excellent

☐ 2. Good

☐ 1. Average

6. 3. Did the lecture enhance your understanding of the CO-PO-PSO mapping process? *

☐ 3. Yes, significantly

☐ 2. Somewhat

☐ 1. Very little

7. 4. Were practical examples or case studies used effectively during the session? *

☐ 3. Substantially

☐ 2. Moderately

☐ 1. Slightly

8. 5. How interactive was the session? *

☐ 3. Highly interactive

☐ 2. Moderately interactive

☐ 1. Slightly interactive

9. 6. How would you rate the speaker's engagement with the audience? *

☐ 3. Excellent

☐ 2. Good

☐ 1. Average

10. 7. Were you able to identify how to apply CO-PO-PSO mapping in your teaching practices? *

☐ 3. Yes

☐ 2. Moderately

☐ 1. Slightly

11. 8. Was the duration of the session appropriate? *

☐ 3. Just right

☐ 2. Too short

☐ 1. Just Long

12. 9. Were the materials (slides, handouts, etc.) provided useful for your understanding? *

☐ 3. Substantially

☐ 2. Moderately

☐ 1. Slightly

13. 10 Were the assessment strategies and benchmarking techniques clearly explained?

☐ No

☐ Yes

☐ Somewhat

14. 11. What suggestions do you have for improving future sessions on similar topics? *

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JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Jayawantrao Sawant College of Engineering

(Approved by AICTE, New Delhi, Govt of Maharashtra and Affiliated to University of Pune)

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Prof.Dr.T.J.Sawant

D.E.E., B.E.(Electrical), MISTE,Ph.D

FOUNDER SECRETARY

Dr. Rajendra D. Kanphade

M.E, Ph.D. (Electronics Engg.)

LMISTE, FIETE, SMIEEE

Principal

Date: 14/08/2024

To,

Mrs, Sanchita Pange

Ass. Professor

JSPM JSCOE Hadapsar

Subject: Invitation For OBE Framework: CO-PO Mapping and Assessment Strategies

Respected mam,

We are pleased to invite you as a distinguished speaker for a guest lecture on “OBE Framework: CO-PO Mapping and Assessment Strategies” organized by Information Technology JSPM'S JSCOE,Hadapsar. The session aims to provide valuable insights into Outcome-Based Education (OBE), the systematic mapping of Course Outcomes (CO) with Program Outcomes (PO), and effective assessment strategies to benchmark academic performance.

Your expertise and experience in this domain will greatly benefit our faculty members in understanding and implementing CO-PO mapping, ensuring better alignment with accreditation requirements and quality education standards.

Thanking you

Prof.Swati Bagul

Event Coordinator

Dr .S.R.Rangari

Head of Department
Dept. of Information Tech.
JSCOE. Hadapsar. Pune-28





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Prof.Dr.T.J.Sawant

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FOUNDER SECRETARY

Dr. Rajendra D. Kanph

M.E. Ph.D. (Electronics Eng

LMISTE, FIETE, SMIEEE

Principal

Date: 24/08/2024

To,

Mrs,Sanchita Pange

Associate Professor

JSPM JSCOE Hadapsar

Subject: - Letter of Appreciation

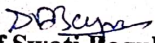
Dear Mam,

On behalf of the Department of Information Technology JSPM JSCOE Hadapsar we extend our heartfelt gratitude for delivering an insightful and enriching guest lecture on "**OBE Framework: CO-PO Mapping and Assessment Strategies.**"

Your expertise and in-depth knowledge on CO-PO mapping and assessment methodologies provided valuable insights to our faculty members, enhancing their understanding of outcome-based education (OBE) and its implementation in academic assessments. The session was highly informative and interactive, helping us align our teaching strategies with performance benchmarks and accreditation requirements.

We sincerely appreciate your time and efforts in sharing your knowledge with us. Your guidance will undoubtedly contribute to improving our curriculum delivery and assessment practices.

Thanking You,


Prof.Swati Bagul

Event Coordinator


Dr.S.R.Rangari

HOD,
Head of Department
Dept. of Information Tech.
JSCOE, Hadapsar, Pune-28



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