



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)



Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
NAAC Accredited – A++ Grade | NBA Accredited – CSE, EEE, ECE, IT & Biotech
ISO 9001:2015 Certified

TIRUCHENGODE - 637 205. NAMAKKAL DIST.

AWARENESS PROGRAMME ON “OUTCOME BASED EDUCATION”



Organized by

INTERNAL QUALITY ASSURANCE CELL

08th February 2025



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AWARENESS PROGRAMME ON

“OUTCOME BASED EDUCATION”

REPORT

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08th February 2025

REPORT

REPORT

Awareness Programme on “Outcome Based Education” was organized & conducted by Internal Quality Assurance Cell of Vivekanandha College of Engineering for Women (Autonomous) on 08th February 2025.

The programme was started with the welcome address given by Dr.M.Murugan, Director IQAC.

Session - 1

Topic: "Outcome Based Education framework and its components"

Resource person: Dr.KCK.Vijayakumar, Principal, VCEW

Points Covered:

Components of OBE

The four (4) major components of OBE, which cover

- (1) Curriculum design,
- (2) Teaching and learning methods,
- (3) Assessment, and
- (4) Continual quality improvement (CQI) and monitoring.

Characteristics of OBE

It is a combination of three types of competence:

- ❖ **Practical:** knowing how to do things, ability to make decisions
- ❖ **Fundamental:** understanding what you are doing and why
- ❖ **Reflective:** learn and adapt through self-reflection; apply knowledge appropriately and responsibly.

Session - 2

Topic: "Mapping Outcomes, Assessment and Rubrics"

Resource person: Dr.T.Manikandan, ASP/ECE

Points Covered:

Components of OBE

Outcome based education in which an emphasis is placed on a clearly articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have, when they leave the school system.

Traditional process of curriculum mapping

Three traditional approaches

1. Mapping learning outcomes started with a compilation of responses got as a result of sending an excel spreadsheet/template electronically to the faculty or staff.
2. Completion of the entire mapping by the program head who does it in isolation to be submitted to the assessment management system. There could be less or no conversation with other faculties during this process.
3. A meeting point where faculty comes together to identify the alignment of the course and to address various learning outcomes. Usually, this step is entailed by a planned examination.

Curriculum Map: Two-dimensional Matrix

	Learning Outcomes 1	Learning Outcomes 2	Learning Outcomes 3
Course 1			
Course 2			
Course 3			

Five Levels of Mapping

The five levels of mapping learning outcomes are as follow:

1. PO-Course mapping
2. CO-PO mapping
3. Assessments - CO mapping
4. Syllabus - CO mapping
5. Questions - CO mapping

Attainment of CO, PO and Continuous quality improvement

Attainment of Outcomes:

- The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are accomplished through curriculum
- Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs
- A set of performance evaluation criteria is used for quantitative assessment of Cos
- Attainment of COs provides an evidence of attainment of POs and PSOs

Finally, participants shared their feedback and their learning about the workshop. The workshop is ended with the vote of thanks given by Dr.M.Rajamehala, Deputy Coordinator/IQAC

APPROVAL LETTER



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
(Autonomous)
Tiruchengode, Namakkal - 637205.



Date: 07.02.2025

Submitted to the Principal for kind approval:

Internal Quality Assurance Cell (IQAC) is organizing a one day Awareness Programme on "Outcome Based Education" on 08.02.2025 (Saturday) in CST Seminar Hall. In this regard, we request you to grant necessary approval.

The details of faculty members are attached for your kind reference.


Director IQAC

Remarks


PRINCIPAL
PRINCIPAL
VCEW

AGENDA



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
(Autonomous)
Tiruchengode, Namakkal - 637205.



Date: 07.02.2025

INTERNAL QUALITY ASSURANCE CELL

Awareness Programme on "Outcome Based Education"

AGENDA

Date: 08.02.2025

Time: 02.00 PM

Venue: CST Seminar Hall

S.No.	Session	Topic	Resource Person
1	02.00 - 02.45 PM	Outcome Based Education Framework & its Components	Dr.KCK.Vijayakumar, Principal
2	02.45 - 04.15 PM	Mapping Outcomes, Assessment and Rubrics	Dr.T.Manikandan, ASP/ECE
3	04.15 PM	Feedback Session	


Director IQAC


PRINCIPAL

**PRINCIPAL
VCEW**

PHOTOS

Glimpse of Photo



“Outcome Based Education Framework & its Components”

by

Dr.KCK.Vijayakumar, Principal/VCEW

Glimpse of Photo



“Mapping Outcomes, Assessment and Rubrics”
by
Dr.T.Manikandan, ASP/ECE

Glimpse of Photo



ATTENDANCE



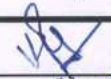
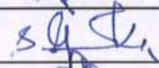

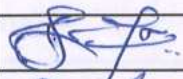
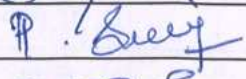
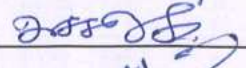
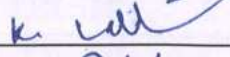
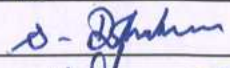
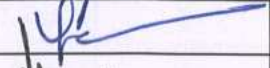
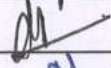

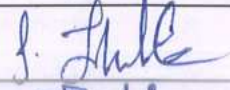
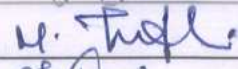
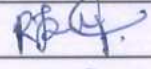
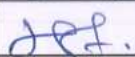
VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
(Autonomous)



AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION - 08.02.2025"

STAFF LIST

S.No.	Name of the Faculty	Designation / Department	Signature
1	Dr.K.P.PORKODI	ASP/CSE	
2	Mr.B.MANIVANNAN	AP/CSE	
3	Mrs.S.UMA	AP/CSE	
4	Ms.K.G.CHITHRA	AP/CSE	
5	Ms.S.INDHUMATHI	AP/CSE	
6	Mrs.A.SARANYADEVI	AP/CSE	
7	Mrs.S.KEERTHANA	AP/CSE	
8	Mr.M.BOOBALAN	AP/CSE	
9	Mrs.J.KAVIPRIYA	AP/CSE	
10	Mr.S.J.DEEBAK	AP/CSE	
11	Ms.G.MADHUMITHA	AP/EEE	
12	Dr.A.V.SANTHOSH BABU	PROF./IT	
13	Ms.B.MADHUBALA	AP/IT	
14	Mr.D.JUSTIN JOSE	AP/IT	
15	Mrs.A.SUMATHI	AP/IT	
16	Mrs.G.GOMATHI	AP/IT	
17	Ms.N.SATHYA	AP/ECE	
18	Ms.R.UMAMAHESWARI	AP/ECE	
19	Mr.D.KESAVAN	AP/ECE	
20	Mrs.T.VINOTHA	AP/ECE	
21	Mrs.J.SARANYA	AP/ECE	
22	Ms.S.SHARMILA	AP/ECE	
23	Dr.N.DHAYANANTH	ASP/BT	
24	Dr.N.SUBRAMANIAN	ASP/BT	
25	Mr.K.AKASH	AP/BT	
26	Dr.K.BASKAR	ASP/BME	
27	Mrs.G.KANIMOZHI	AP/BME	
28	Mrs.S.KEERTHINI	AP/BME	
29	Ms.S.ANJUSHREE	AP/BME	

S.No.	Name of the Faculty	Designation / Department	Signature
30	Ms.L.VISHNUPRIYA	AP/CST	
31	Mrs.S.GOWSIKA	AP/CST	
32	Ms.V.KAVITHA	AP/CST	
33	Dr.C.CHRISTY GOLD BENCY	AP/MATHS	
34	Dr.J.SARANYA	AP/MATHS	
35	Mrs.P.SAKTHI	AP/MATHS	
36	Mr.V.PACHAMUTHU	AP/MATHS	
37	Dr.K.LATHA	AP/CHEMISTRY	
38	Mr.S.RAJMOHAN	AP/CHEMISTRY	
39	Dr.V.RATHI	AP/PHYSICS	
40	Mr.K.C.RAMESH BABU	AP/PHYSICS	
41	Mrs.T.GIRIJA	AP/PHYSICS	
42	Mr.S.JOHNSON KARUNAKARAN	AP/ENGLISH	
43	Ms.M.JAYABHARATHI	AP/ENGLISH	
44	Mrs.R.KUSHPOO	AP/ENGLISH	
45	Ms.P.PUSHPAVALLI	AP/TAMIL	

FEEDBACK



AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025
FEEDBACK

Faculty Name: Dr. K. P. Porikodi
 Designation/Department: R&D Head
 E-mail: Porikodi.Prabhakaran.Ph.d@gmail.com Mobile Number: 9566434698

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements	✓				
3	Content delivered by Experts	✓				
4	Overall performance of program	✓				

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none"> 1. Understanding OBE Framework. 2. Programme Educational Objectives 3. Program Outcomes 4. Teaching - Learning Strategies in OBE 5. Assessment & evaluation in OBE
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none"> 1. CO & PO Mapping in OBE 2. Mapping COs to POs 3. Benefits of CO-PO Mapping 4. Modern Tool usage. 5. Environment and Sustainability

Any other Comments:
Easy understanding.

Learning Outcome of this Programme:
Long term career and Professional achievements expected after graduation.
Additional skills tailored to the specific discipline
Lifelong learning.

Signature



VIVEKANANDHA VCEW/QM/IQAC/FAP/039

College of Engineering for Women (Autonomous)

INTERNAL QUALITY ASSURANCE CELL



AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: **B.MANIVANNAN**
Designation/Department: **APICSE**
E-mail: **manivannan@vcew.ac.in**

Mobile Number: **99945 03230**

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements		✓			
3	Content delivered by Experts	✓				
4	Overall performance of program		✓			

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	1. Course Outcomes 2. Programme Outcomes 3. Co-po mapping 4. Bloom's Taxonomy 5. Real Examples. Graduate Attributes
Dr.T.Manikandan, ASP/ECE	1. co-po mapping 2. Continuous Assessment and Feed Back. 3. Program Specific Outcome 4. Bloom's Taxonomy 5. co po Attainments
Any other Comments: NIL	
Learning Outcome of this Programme: * Co - po mapping * Knowledge about Program Outcomes * Graduate Attributes.	


Signature



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College of Engineering for Women (Autonomous)

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AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: Uma.S

Designation/Department: AP/UE

E-mail: uma@vcew.ac.in

Mobile Number: 6379619874

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements		✓			
3	Content delivered by Experts	✓				
4	Overall performance of program	✓				

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	1. Difference between output and outcome 2. Course outcome 3. Program outcome 4. Blooms taxonomy 5. Outcome based education for real time example
Dr.T.Manikandan, ASP/ECE	1. Co-po mapping 2. Program specific outcome 3. Continuous assessment and feedback 4. Blooms taxonomy 5. co-po attainment
Any other Comments: NIL	
Learning Outcome of this Programme: ↳ Co-po mapping ↳ 12 graduate attributes in OBE ↳ PO, PSO	

Signature



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College of Engineering for Women (Autonomous)

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AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: *kg.chithra.*
Designation/Department: *AP/CS E*
E-mail: *chithra@vcew.ac.in*

Mobile Number: *9677539112*

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements		✓			
3	Content delivered by Experts	✓				
4	Overall performance of program	✓				

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none">1. Course outcome2. Life long learning3. Program outcome4. Industry and Realworld alignment5. Bloom's taxonomy
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none">1. Co-po Attainment2. Continuous Assessment and feedback3. Co-po mapping4. Program specific outcome5. Bloom's taxonomy
Any other Comments:	<i>NI4</i>
Learning Outcome of this Programme: <ol style="list-style-type: none">1. CO (course outcome), program outcomes,2. CO-po-mapping	

kg.chithra.
Signature



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AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: *S. Indumathi*
Designation/Department: *AP/CSE*
E-mail: *indumathicse@vcew.ac.in*

Mobile Number: *9677349875*

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements	✓				
3	Content delivered by Experts	✓				
4	Overall performance of program	✓				

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	1. Difference of output & outcome 2. vision & mission - college 3. vision & mission - dept 4. course outcome 5. PO's
Dr.T.Manikandan, ASP/ECE	1. PO's & PSO's 2. 12-POs - [(1-5, core)(6-12, General PO's)] 3. course outcome - writing 4. CO & PO mapping (3,2,1) 5.

Any other Comments:

This session was useful. we expect more session.

Learning Outcome of this Programme:

*I can get an idea of outcome & output.
CO, PO mapping.*

SD
Signature



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INTERNAL QUALITY ASSURANCE CELL



AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: *A. Saranyadevi*
Designation/Department: *AP ICSE*
E-mail: *Saranyadevi@vcew.ac.in*

Mobile Number: *97888 68301*

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements	✓				
3	Content delivered by Experts		✓			
4	Overall performance of program		✓			

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none">1. Understanding PEO2. PEO, Outcome-Based Education3. course output4. course outcomes5. Role of Bloom's Taxonomy
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none">1. Understanding PO-co mapping2. Importance in Accrediation3. Direct & Indirect Assessment4. Stakeholder Involvement5. Faculty's Role

Any other Comments:

Future sessions can more engaging and impactful.

Learning Outcome of this Programme:

Learned what's the difference between output and outcomes.

A. S.
Signature



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AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: S. Keerthana

Designation/Department: AP/CSE

E-mail: Keerthanacse@vcew.ac.in

Mobile Number: 9840097037

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements		✓			
3	Content delivered by Experts	✓				
4	Overall performance of program		✓			

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none">1. Difference between output and outcome2. about college vision, Mission3. POs R-P5 core POs, P6-P2 General POs4. understand about PEOs5. learned about PSO's
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none">1. learned about PO, CO Mapping2. How to write course outcome?3. Faculty Role4. Bloom's taxonomy5.
Any other Comments: <p style="text-align: center;"><u>The session was useful</u></p>	
Learning Outcome of this Programme: <p style="text-align: center;"><u>learned about output, outcome based Education, CO, PO mapping.</u></p>	

S. Kulp
Signature



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College of Engineering for Women (Autonomous)
INTERNAL QUALITY ASSURANCE CELL



AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: *M. Boobalan*
Designation/Department: *AP/CSE*
E-mail: *boobalan@vcew.ac.in*

Mobile Number: *7667777017*

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements		✓			
3	Content delivered by Experts	✓				
4	Overall performance of program	✓				

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none">1. <i>learned the need of OBE</i>2. <i>learned about, how to implement OBE effectively.</i>3.4. <i>learned about the measurement of OBE</i>5.
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none">1. <i>VCEW evaluation system - working methodology</i>2.3. <i>learned about the working methodology course attainment</i>4.5.

Any other Comments:

Excellent presentation and most effective content delivery by the resource persons. Thank you this opportunity

Learning Outcome of this Programme:

Well learned about the foundation of OBE and the need of OBE. Also learned about the effective implementation of OBE


Signature



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AWARENESS PROGRAMME ON "OUTCOME BASED EDUCATION" ON 08.02.2025

FEEDBACK

Faculty Name: J. KAVIPRIYA

Designation/Department: AP/CSE

E-mail: kavipriyacse@vcew.ac.in

Mobile Number: 7010459010

S.No.	Performance Criteria	Rating				
		Excellent	Good	Average	Fair	Poor
1	Presentation	✓				
2	Arrangements	✓				
3	Content delivered by Experts		✓			
4	Overall performance of program		✓			

Experts	Key Takeaway
Dr.KCK.Vijayakumar, Principal, VCEW	<ol style="list-style-type: none">1. What is output?.2. What is outcome?3. college vision and mission4. Department vision and mission5. Explain PEO's & Bloom's Taxonomy, course outcome
Dr.T.Manikandan, ASP/ECE	<ol style="list-style-type: none">1. 12 PO's.2. 1-5 PO's - Core PO's3. 6-12 PO's - General PO's4. PSO's and How to write course outcome (CO's)5. CO and PO mapping (2, 2, 1)
Any other Comments: Need more session.	
Learning Outcome of this Programme: Clearly knew the difference between output and outcome. Now to calculate co & po mapping and got clear idea about the 12 PO's.	

Signature