

Annual Report (2021-2022) for OBE Implementation and Monitoring Committee

Introduction

The Outcome-Based Education (OBE) Implementation and Monitoring Committee of Hindusthan College of Engineering and Technology is dedicated to ensuring the effective implementation and continuous improvement of OBE practices within the institution. This report outlines the activities, achievements, challenges, and future plans of the committee for the academic year 2021-2022. During the academic year 2021-2022, the OBE Implementation and Monitoring Committee focused on defining OBE goals, setting attainment targets, implementing assessment tools, and integrating ICT in teaching. Several key initiatives were undertaken to enhance curriculum alignment with industry standards, improve student outcomes, and promote faculty development.

Committee Members

The committee members for the academic year 2021-2022 were as follows:

1	Dr.J.Jaya	Principal
2	Dr.P.Geetha	Associate Professor/ ECE Dept
3	Mr.ShanmugaSundaram	Assistant Professor/Agri Dept
4	Mr.SamuelGemsprim .M	Assistant Professor/Auto Dept
5	Mrs.SobhaChristila	Assistant Professor/BME Dept
6	Mr.R.Senthil Kumar	Assistant Professor/Civil Dept
7	Dr.K.Mathan	Associate Professor/EEE Dept
8	Dr.M.Karpagam,	Associate Professor/EIE Dept
9	Ms.Nageswari .G	Assistant Professor/Food Tech Dept
10	Mr.M.Ganesan	Associate Professor/IT Dept
11	Dr.J.Manikandan	Professor/Mech Dept
12	Mr.Pradeep Johnson	Assistant Professor/MCT Dept
13	Dr. B.JeyaGowri	Associate Professor/S&H Dept
14	Mrs.M.Nirmala	Associate Professor/MCA Dept
15	Ms.M.Revathi	Assistant Professor/CSE Dept

Monitoring Activities

The committee held a meeting on 18th October 2021 to discuss and plan the OBE goals for the academic year. The following points were discussed:



1. Defining Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs).
2. Setting targets for achieving COs, POs, and PSOs.
3. Establishing attainment levels to measure educational outcomes.
4. Implementing various assessment tools.
5. Integrating ICT tools for enhanced teaching and learning.
6. Educating students about POs and PSOs.
7. Setting PO attainment targets for the 2021-2025 batch.
8. Reviewing stakeholder feedback on POs.

Implementation Activities

Significant actions were taken to implement the discussed plans:

1. The Vision and Mission of the college were revisited.
2. Curriculum changes were made to improve CO/PO attainment.
3. Remedial actions for current batches were discussed.
4. CO-PO mapping for upcoming semesters was planned.
5. ICT tools integration was promoted.
6. Training and placement activities were enhanced.
7. Question papers were set according to Bloom's taxonomy.
8. Rubrics for laboratory courses were implemented.
9. Industry collaborations were initiated.
10. Professional development for faculty was emphasized.

Achievements and Outcomes

1. Higher PO attainment target levels were set.
2. Multiple MOUs were signed with industries to enhance curriculum and provide practical exposure.
3. A Quiz program was organized to create OBE awareness among staff.
4. Curriculum improvements were made based on stakeholder feedback.
5. Increased integration of ICT tools in teaching and learning.
6. Enhanced training and placement activities led to better placement outcomes.

Challenges and Solutions

Challenges:

1. Ensuring consistent attainment of COs and POs across all departments.
2. Keeping faculty updated with the latest teaching methodologies.
3. Engaging industry partners for meaningful collaborations.



Solutions:

1. Regular monitoring and feedback sessions were conducted to ensure consistent attainment.
2. Continuous professional development programs were organized for faculty.
3. Active efforts were made to establish and maintain industry connections.

Future Plans

1. Further enhance the integration of ICT tools in teaching and learning.
2. Increase industry collaborations to provide more practical exposure to students.
3. Continue professional development programs for faculty.
4. Organize more OBE awareness events and activities.
5. Focus on interdisciplinary projects and research to enrich student learning experiences.

Conclusion

The OBE Implementation and Monitoring Committee made significant progress in achieving its goals for the academic year 2021-2022. The committee successfully implemented various initiatives to improve educational outcomes and enhance curriculum alignment with industry standards. Continuous efforts will be made to build on these achievements and address the challenges faced.



OBE Implementation and Monitoring Committee

Date: 29.04.2022

Action Taken Report

S.No	Points Discussed	Action taken
1	Increasing PO Attainment Target Levels	Set higher PO attainment target levels for courses meeting the targets.
2	Industry Collaboration and Partnerships	Initiated efforts to establish more industry connections, providing students with practical exposure and enhancing the curriculum. MOU signed with various industries.
3	OBE Awareness Events	Organized a Quiz program for creating awareness among staff on 29.10. Report of event is attached.



Principal

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