

Annual Report (2022-2023) for OBE Implementation and Monitoring Committee

Introduction

The Outcome-Based Education (OBE) Implementation and Monitoring Committee at Hindusthan College of Engineering and Technology is committed to enhancing the educational experience through the systematic implementation of OBE practices. This report details the committee's activities, achievements, challenges, and future plans for the academic year 2022-2023. In the academic year 2022-2023, the OBE Implementation and Monitoring Committee focused on refining educational goals, enhancing curriculum and syllabus, integrating advanced teaching tools, and promoting faculty and student development. The committee's efforts have led to improved student outcomes, increased industry collaboration, and heightened awareness of OBE practices among staff.

Committee Members

The committee members for the academic year 2022-2023 were as follows:

1	Dr.J.Jaya	Principal
2.	Dr. P.Geetha	Associate Professor/ ECE department
3.	Mr.Samuel Gemsprim .M	AP/Auto Dept
4.	Ms.Chinju saju	AP/Agri Dept
5.	Mrs.Sobha Christila	AP/ Bio-medical Dept
6.	Mr.R.Senthil Kumar	AP/Civil Dept
7.	Ms.Sathya	AP/CSE Dept
8.	Dr.K.Mathan	ASP/EEE Dept
9.	Dr.M.Karpagam	Asso Prof/ EIE Dept
10.	Ms.Nageswari .G	AP/Food Tech Dept
11.	Dr.M.Ganesan	Asso Prof/IT Dept
12.	Dr.J.Manikandan	Prof/ Mech Dept
13.	Dr.Pradeep Johnson	AP/MCT Dept
14.	Dr. B.JeyaGowri	Asso Prof/S&H Dept
15.	Mrs.M.Nirmala	Asso Prof/ MCA Dept
16.	Dr Bhuvaneshwari	Prof/ MBA Dept



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| 17. | Mr.R. Saravanan | AP/ Aero Dept |
| 18. | Dr.A.Udhayakumar | ASP/ECE Dept |

Monitoring Activities

The committee convened on 28th October 2022 to discuss and plan OBE initiatives for the academic year. Key points discussed included:

1. Importance of Outcome-Based Education (OBE).
2. Reviewing the mission, vision, PSOs, and PEOs.
3. Setting goals for COs, POs, and PSOs.
4. Assessing achievement levels.
5. Examining various evaluation instruments.
6. Faculty members preparing academic plans.
7. Additional issues as needed.

Implementation Activities

Significant actions taken to implement the discussed plans include:

1. **Curriculum and Syllabus Improvements:** Changes were made to improve CO/PO attainment.
2. **Regulations for 2022:** Proposed based on AICTE guidelines, Anna University curriculum, and input from experts.
3. **PO Attainment Targets:** Set for the 2022–2026 batch.
4. **CO-PO Mapping:** Planned for upcoming semesters.
5. **Bloom's Taxonomy:** Used to set question papers, ensuring structured evaluation.
6. **Corrective Actions:** Implemented to fulfill requirements for improving CO/PO attainment.
7. **Introduction of Honors and Minor Degrees:** Explained and discussed.
8. **Feedback Analysis:** Stakeholder feedback on the current curriculum was presented and analyzed.
9. **ICT Integration:** Encouraged creation of e-content, use of virtual laboratories, and rubrics for laboratory courses.
10. **Industry Collaboration:** Increased efforts for partnerships to enhance curriculum and provide practical exposure.
11. **Interdisciplinary Projects and Research:** Explored to enrich student learning experiences.



12. **Professional Development:** Continuous training for faculty on the latest educational trends and methodologies.
13. **OBE Awareness Events:** Planned for staff.
14. **Training and Placement Activities:** Enhanced to improve student employability.
15. **Regular Curriculum Review:** Highlighted the need for updates based on industry trends and technological advancements.
16. **Innovation and Creativity:** Fostered among students through various activities.
17. **Student Support Services:** Enhanced counseling, mentoring, and academic advising.
18. **Soft Skills Training:** Proposed to improve communication, teamwork, and leadership skills.
19. **Teaching Methods and Materials:** Monitored for continuous improvement.
20. **Interactive and Experiential Learning:** Increased through workshops, seminars, and projects.
21. **International Collaborations:** Expanded for global exposure.
22. **Data Collection and Analysis:** Emphasized for tracking student performance and making data-driven decisions.
23. **Alumni Network:** Developed for mentorship, internships, and job placements.
24. **Ethical Practices and Social Responsibility:** Promoted through curriculum and community service.
25. **Sustainability and Environmental Awareness:** Integrated into the curriculum.
26. **Library Resources:** Enhanced for supporting research.

Achievements and Outcomes

1. **Higher PO Attainment Targets:** Set for courses meeting the targets.
2. **Industry MOUs:** Signed to enhance curriculum and provide practical exposure.
3. **OBE Awareness Events:** Faculty training on Bloom's Taxonomy conducted.
4. **Curriculum Improvements:** Based on stakeholder feedback.
5. **ICT Integration:** Increased in teaching and learning.
6. **Training and Placement Activities:** Improved leading to better placement outcomes.

Challenges and Solutions

Challenges:

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



Solutions:

1. Regular monitoring and feedback sessions.
2. Continuous professional development programs for faculty.
3. Active efforts to establish and maintain industry connections.

Future Plans

1. **Enhance ICT Integration:** Further incorporation in teaching and learning.
2. **Increase Industry Collaborations:** More practical exposure for students.
3. **Professional Development:** Continuous programs for faculty.
4. **OBE Awareness Events:** More events planned for staff.
5. **Interdisciplinary Projects and Research:** Focus to enrich student learning.
6. **Regular Curriculum Review:** Based on industry trends and advancements.
7. **Student Support Services:** Further enhancements.
8. **Soft Skills Training:** Continued development programs.
9. **International Collaborations:** Expanded for global exposure.

Conclusion

The OBE Implementation and Monitoring Committee made significant progress in achieving its goals for the academic year 2022-2023. 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.





Hindusthan College of Engineering and Technology
(An Autonomous Institution, affiliated to Anna University, Chennai)
Othakalmandapam Post, Coimbatore



OBE Implementation and Monitoring Committee

Date: 02.07.2023

Action Taken Report

S.No	Points Discussed	Action taken
1	Soft Skills Training Programs	Soft skill courses have been made mandatory in R2022.(II, III, IV and V Semesters)
2	Expanding International Collaborations	Conducted exchange programs with foreign universities.
3	OBE Awareness Events	Faculty Training program on Blooms Taxonomy was conducted on 30.06.2023




Principal

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