



Minutes of Meeting of Programme Assessment Committee of the Department of Civil Engineering

Er. Akhil Pandey welcomed all the respected members in the meeting.

The meeting of the programme assessment committee of the department of Civil Engineering was held on 14 October 2023. The following are the Programme Assessment Committee members.

1. Er. Akhil Pandey	Convener
2. Dr. Atul Kant Piyooosh	Member Secretary
3. Er. Neha Singh	Member
4. Er. Avneesh Tiwari	Member
5. Er. Akhilesh Rathore	Special Invitee (Internal)
6. Er. Manojit Samanta	Special Invitee (External)
7. Dr. Madan Chandra Maurya	Alumni
8. Er. Vijay Shanker Jauhari	Industrial Expert
9. Dr. Vinay Bhushan Chauhan	External Member

The following Agenda were discussed:

- Agenda-1:** Review and Discuss the Integration of Research-Oriented Programs within B.Tech Civil Engineering Projects.
- Agenda-2:** Evaluate and Discuss the Alignment of Current Curriculum with Present Industrial Requirements in B.Tech Civil Engineering.
- Agenda-3:** Verification and Approval of Course Outcomes (COs) and Course Outcome Program Outcome (COPO) Mapping for Subjects Offered in B.Tech Civil Engineering.
- Agenda-4:** Identify and Address Shortcomings and Potential Improvements within the Existing Civil Engineering Curriculum.
- Agenda-5:** Explore Opportunities for Interdisciplinary Collaboration and Integration within the B.Tech Civil Engineering Curriculum to Foster a Holistic Learning Experience.

Discussion:

Agenda-1: Review and Discuss the Integration of Research-Oriented Programs within B.Tech Civil Engineering Projects.

During this discussion, Dr. Vinay Bhushan Chauhan emphasized the benefits of integrating research into projects and its positive impact on students' skill development. Additionally, it was suggested to organize training sessions and lectures on topics related to Artificial Intelligence and Machine Learning, with resource persons working in the field of civil engineering sharing their expertise.

Agenda-2: Evaluate and Discuss the Alignment of Current Curriculum with Present Industrial Requirements in B.Tech Civil Engineering.

In this discussion, the suggestion was made to arrange regular industrial visits for students. Furthermore, there was a proposal to introduce short-term courses (lasting one or two weeks) in collaboration with industry experts to provide students with practical exposure to industry requirements.

Agenda-3: Verification and Approval of Course Outcomes (COs) and Course Outcome Program Outcome (COPO) Mapping for Subjects Offered in B.Tech Civil Engineering.

The discussion on this agenda involved sharing both modified and newly formulated Course Outcomes (COs) for various subjects, along with the corresponding COPO mappings, for approval. It was also recommended that a method for manual calculation of attainment for each subject should be performed by every faculty to identify gaps in the curriculum.

Agenda-4: Identify and Address Shortcomings and Potential Improvements within the Existing Civil Engineering Curriculum.

The calculated attainment from Agenda 3 would be helpful in identifying shortcomings. Feedback from both faculty and students on areas that require improvement was also highlighted. It was suggested that finalizing the topics for the final year project is challenging, and it was recommended that topics should be discussed with industry experts or that an address by industry experts should precede topic finalization.

Agenda-5: Explore Opportunities for Interdisciplinary Collaboration and Integration within the B.Tech Civil Engineering Curriculum to Foster a Holistic Learning Experience.

This discussion centered on the potential for partnerships with other departments or colleges to create a more holistic and well-rounded learning experience for students through curriculum integration.

Additional Suggestion:

Conduction of webinars and seminars in specified Civil Engineering areas related to Research paper publication.

Attendance Record

S.No.	Members	Designation	Attendance
1	Er. Akhil Pandey	Convener	P
2	Dr. Atul Kant Piyoosh	Member Secretary	P
3	Er. Neha Singh	Member	P
4	Er. Avneesh Tiwari	Member	P
5	Er. Akhilesh Rathore	Special Invitee (Internal)	P
6	Er. Manojit Samanta	Special Invitee (External)	P
7	Dr. Madan Chandra Maurya	Alumni	P
8	Er. Vijay Shanker Jauhari	Industrial Expert	P*
9	Dr. Vinay Bhushan Chauhan	External Member	P

*Due to some unavoidable circumstance, Er. Vijay Shanker Jauhari is out of the station & because of the poor network, he was not able to join the meeting on zoom but connected telephonically & given his approval and suggestion.

Akhil Pandey

Signature of HoD: