

Online Expert Lecture on Outcome-Based Education

The Department of Mechanical Engineering, Maharaja Agrasen Institute of Technology (MAIT), Delhi, organized an online expert lecture on **Outcome-Based Education (OBE)** on **29th November 2024**. The lecture was designed to provide faculty members with comprehensive insights into the process of accreditation of B.Tech programs.

The session was graced by **Prof. Sandeep Grover**, a distinguished academician from **J.C. Bose University of Science and Technology, YMCA, Faridabad**. Prof. Grover, known for his extensive expertise in OBE and quality assurance in education, delivered an engaging and informative talk that emphasized the importance of aligning educational outcomes with global accreditation standards.

The lecture focused on:

- The key principles and framework of Outcome-Based Education.
- Strategies for implementing OBE in engineering curricula.
- The detailed process and criteria for **NBA accreditation** of engineering programs, with specific reference to the B.Tech framework.
- Best practices for designing course objectives, program outcomes (POs), and program-specific outcomes (PSOs).
- The role of faculty in achieving measurable learning outcomes and enhancing the overall quality of education.

Prof. Grover elucidated how OBE facilitates a student-centered learning approach, fostering competencies such as critical thinking, problem-solving, and innovation. He also highlighted how accreditation serves as a benchmark for quality assurance, ensuring that institutions meet international standards of education.

The session concluded with an interactive Q&A segment, where faculty members actively participated, seeking clarifications on various aspects of OBE implementation and accreditation.

The event was well-received and proved to be an enlightening experience for all attendees, equipping them with valuable insights to align their teaching methodologies with global educational standards. The department expressed its gratitude to Prof. Grover for his invaluable contribution and reaffirmed its commitment to fostering excellence in engineering education.



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