

Integrated BTech after class X is aimed at seamless transition to engineering

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Several private engineering colleges are introducing a 6-year Engineering course pattern soon after class X. To integrate the students with the Engineering course and prepare them for advanced technical education the integrated BTech has been introduced.

“Students enrolled in integrated BTech programme are initially taught science subjects, especially Mathematics equivalent to class XI and XII with an exposure to machines and tools which are relevant to the industry,” says Prasad D Khandekar, dean, Faculty of Engineering and Technology, MIT World Peace University, Pune. The objective of the programme is to help engineering students directly get into the system instead of spending money and time to prepare for the competitive

exams, he adds.

Highlighting the plight of students, Khandekar says that the qualifying rate in JEE has been very low, similarly the qualifying rate for this exam is less too. “Of the total of 7000 candidates applying for it, only 45 could qualify for the test last year. Those who could not get a seat into premier colleges look for other options,” says Khandekar who believes that an integrated BTech after class X is a lucrative option for those who wants to get into engineering.

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Easy integration

Seema Shah, director-BTech the Integrated Program at Mukesh Patel School of Technology Management and Engineering of NMIMS (Deemed to be University) Mumbai, says it is better to kickstart engineering career early. “Getting into engineering soon after class X ensures seamless integration of students into engineering. It helps them secure a seat and let them enjoy their engineering journey, away from any rat race of appearing in various entrance tests,” says Shah.

“During the course, students are taught to apply theory to practice in the industry for two semesters and hone skills to become relevant for the job market,” she adds.

Streams and admission criteria

Integrated BTech in Mechanical Engineering, Computer Engineering, Data Science and Information Technology are offered by NMIMS. “A total of 360 seats are available in these courses and Computer Engineering is the most sought after. Admission to these programmes is offered on merit basis,” adds Shah.

For admission to integrated engineering programmes at MIT World Peace University, candidates need to appear for an online entrance test. “Earlier, the admission was offered on the basis of merit in class X. This year in view of scrapped board exams, the University has decided to conduct an online test to shortlist candidates for admission to Civil, Computer, Mechanical and Electronics and Telecommunication engineering offered by the University,” says Khandekar.

List of universities offering integrated BTech

- MIT World Peace University, Pune
- NMIMS Deemed to be University
- Rajiv Gandhi University of Knowledge Technologies-AP
- ITM Group of Institutions