



Bharati Vidyapeeth
(Deemed to be University)

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Offered Programmes

B.Tech. (Computer Engineering)

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Programme Overview

The Department of Computer Engineering offers a four-year B.Tech programme in Computer Engineering with the aim to provide a sound grounding in the fundamentals of computing and understanding of the underlying engineering principles. Computer engineering blends computer science and emerging Technologies to further the advancements in digital technology, computer networking and computer systems. Computer engineering principles can be applied to several other purposes, including the development of integrated circuits, embedded systems, computer vision, computer systems architecture, and much more. In turn, computer engineers use their extensive knowledge of hardware and software design and computer programming to make computing platforms and applications more efficient and effective. This course aims at providing intensive information in areas of computer systems, distributed systems, internet of things, Robotics, Computer networks and Wireless networks & communication. By studying this course, the students will have an opportunity to learn tools and techniques to work on the related fields such as robotics, cyber security, and computer-aided design systems. The curriculum of this programme was revised based on the Choice Based Credit System (CBCS) and implemented in the academic year 2014-15.

Programme Outcomes

Key Information

Duration

4 Years

Eligibility

- The candidate should be Indian National.
- Passed 10+2 examinations with Physics and Mathematics as compulsory subjects along with one of the Chemistry / Biotechnology / Biology / Technical vocational subject. Obtained at least 50% (45% in case of candidate belongs



On the completion of the B.Tech programme in Computer Engineering, students acquire the ability to:

- ✔ PSO 1: To design, develop and implement computer programs on hardware towards solving problems.
- ✔ PSO 2: To employ expertise and ethical practice through continuing intellectual growth and adapting to the working environment

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to reserved category (SC/ST) above subjects taken together. OR

- Passed diploma in Engineering and Technology and obtained at least 50% marks (at least 45% marks, in case of backward class categories and persons with Disability candidates belonging to Maharashtra state only)



Career Prospect

With a B.Tech degree in Computer Engineering, students are open to a plethora of career options across diverse domains. Some of the top career options available with this degree are:

- Software Developer
- Full Stack Developer
- Data Analyst
- Big Data Engineer
- Machine Learning Engineer
- Computer Network Architect
- Computer Systems Analyst
- Information Security Analyst
- Blockchain Developer/Engineer

APPLY NOW FOR ADMISSION



Computer Revised Syllabus



Structure And Syllabus 2021



Syllabus For B.Tech Computer Engineering

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Studying Computer Engineering at Bharati University), I admired a unique learning atmosphere. Learning is so much fun! You feel like a part of each professor, each staff member, and each student. Professors are always ready to support and guide you. Professional, effective explanations, and entertaining materials contribute to your success in industry,

Mr. Aditya Jha
2015-2016