



**Bharati Vidyapeeth**  
(Deemed to be University)

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## Offered Programmes

# B.Tech. (Information Technology)

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## Programme Overview

B.Tech Information Technology is a four-year programme that endeavours to impart quality education in the areas of information technology. It has a cutting-edge curriculum with a focus on the latest trends in technology that covers areas like database systems, cloud computing, cyber security, blockchain technology, and artificial intelligence and machine learning.

## Program Educational Outcome:

**The B.Tech Information Technology Program is offered to:**

- ✓ Cultivate IT graduates for industry pertaining to Information Technology solutions.
- ✓ Practice technical competency and teamwork abilities.
- ✓ Exhibit social responsibilities by following ethical practices in graduates' professional pursuit.

## 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



- ✓ **PSO 1:** Use knowledge of core and allied courses for developing a computer-based system to deliver a quality product for real-world problems of society.
- ✓ **PSO 2:** Apply Modern IT tools and techniques for perusing their professional career by practicing effective communication with team members.
- ✓ **PSO 3:** Develop time-bound, cost-effective, and sustainable solutions by following professional ethics.

## PEO

The B. Tech Information Technology Program is offered to:

- ✓ **PEO 1:** Cultivate IT graduates for industry pertaining to Information Technology solutions.
- ✓ **PEO 2:** Practice technical competency and teamwork abilities.
- ✓ **PEO 3:** Exhibit social responsibilities by following ethical practices in graduates' professional pursuit.

## Students will be able to:

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)

- ✓ Apply knowledge of mathematics, and computer science to analyze computer-based information system.
- ✓ Apply logical and programming skills to identify, formulate, analyze for solving computational problems.
- ✓ Examine complex problem by diagnosis of available information to provide appropriate conclusion.
- ✓ Design applications with suitable consideration of societal needs.
- ✓ Use functional skills of modern IT tools and techniques for modeling and implementation.
- ✓ Play the role as a team player to accomplish a common goal.
- ✓ Convey technological concepts through significant documentation and presentation skills.
- ✓ Demonstrate professional conduct by following norms of the engineering practice.
- ✓ Apply software engineering methodologies for sustainable development.
- ✓ Follow ethical and legal practices related to functioning of IT industry.
- ✓ Apply management skills and techniques for creating time-bound and cost-effective projects.
- ✓ Exhibit lifelong learning by upgrading to state-of-the-art IT practices and technology.

**APPLY NOW****ADMISSION ENQUIRY**



## Career Prospect

A B.Tech in Information Technology offers a variety of career options with high packages. Graduates with this degree explore the following lucrative employment opportunities.

- IT Analyst
- Programmer
- Software Engineer
- Software Analyst
- Web Developer
- System Engineer
- Maintenance Engineer
- Support Specialist

**APPLY NOW FOR ADMISSION**



Syllabus And Structure 2014



Course Structure

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*My name is Varun Srivastava, pursuing my E Information Technology. Here, I underwent , and experiences leading to an overall develc limited to my academics. This college provic domains to upskill ourselves. The IT Departr. thinking out of the box. I would like to thank who have constantly motivated, assisted by for molding me to what I am today. I am prc*

Varun Shrivastava  
2021-22