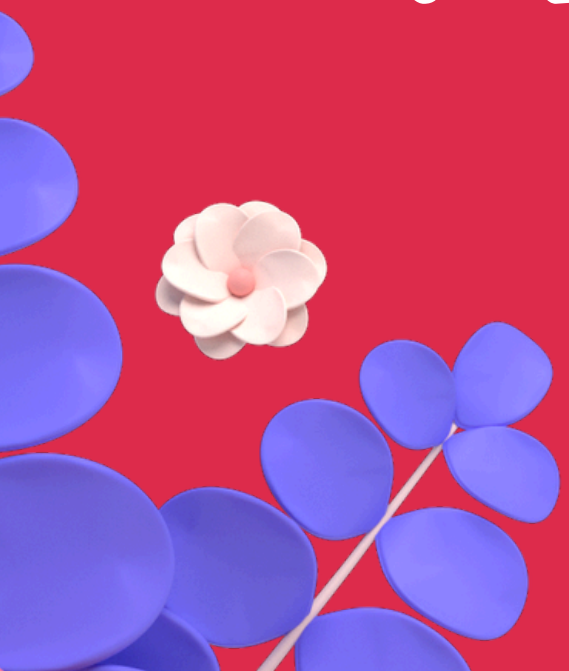




DBV EDU+
ENGINEERING ✨
&
TECHNOLOGY
April 2026





Course Descriptive

This course offers a rigorous exploration of the intersection between foundational engineering principles and cutting-edge technology while challenging students to master the design and analysis of complex systems using modern computational tools. The curriculum emphasizes hands-on experimentation to bridge the gap between theoretical physics and real-world infrastructure through a series of intensive labs and simulations. Participants will tackle global challenges by developing sustainable solutions involving advanced robotics, materials science, and integrated digital systems designed for the modern era. Collaborative projects foster the critical problem-solving skills and technical agility essential for navigating the rapidly evolving landscape of high-tech industry sectors. By the end of the program, learners will be equipped with the practical expertise required to spearhead technological breakthroughs and lead multidisciplinary technical teams. This transformative educational experience ensures that every graduate is prepared to transform abstract concepts into functional, high-performance engineering realities.

AVAILABLE DEGREES

B. TECH. (BACHELOR OF TECHNOLOGY)

4 YEAR / 10+2 WITH PCM

B. E. (BACHELOR OF ENGINEERING)

4 YEAR / 10+2 WITH PCM

B.S. (BACHELOR OF SCIENCE)

4 YEAR / 10+2 WITH PCM

B. F. TECH. (BACHELOR OF FASHION TECHNOLOGY)

4 YEAR / 10+2 WITH PCM

B.TECH. + M.TECH. (INTEGRATED BACHELOR & MASTER TECHNOLOGY)

5 YEAR / 10+2 WITH PCM

B.S.+M.S. (INTEGRATED BACHELOR & MASTER OF SCIENCE)

5 YEAR / 10+2 WITH PCM

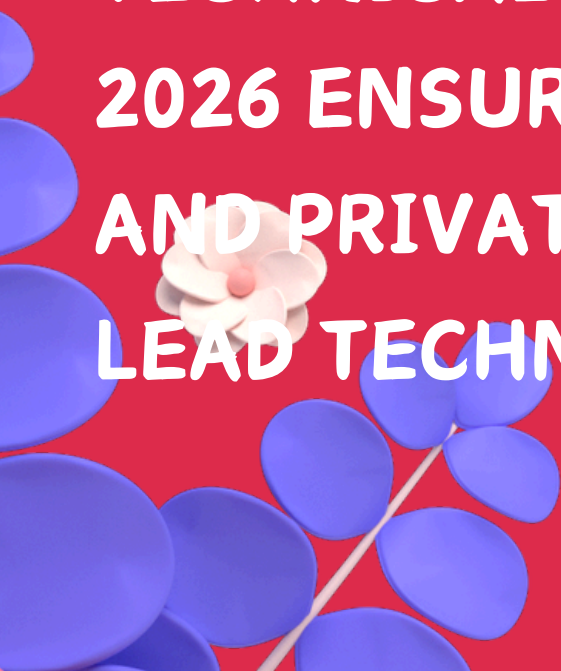
DIPLOMA + B.TECH (INTEGRATED DIPLOMA & BACHELOR OF TECHNOLOGY)

6 YEAR / 10 PASS WITH 60%



COURSE PROSPECTS

THE FIELD OF ENGINEERING AND TECHNOLOGY OFFERS VAST PROFESSIONAL OPPORTUNITIES DRIVEN BY GLOBAL DIGITAL TRANSFORMATION AND INDUSTRIAL AUTOMATION. GRADUATES CAN PURSUE HIGH-DEMAND ROLES IN EMERGING SECTORS LIKE ARTIFICIAL INTELLIGENCE, RENEWABLE ENERGY, ROBOTICS, AND CYBERSECURITY. THE MODERN MARKET PRIZES INTERDISCIPLINARY PROFESSIONALS WHO BRIDGE THE GAP BETWEEN TRADITIONAL HARDWARE DESIGN AND SOFTWARE INTEGRATION. ENGINEERS SOLVE GLOBAL CHALLENGES BY DEVELOPING SUSTAINABLE INFRASTRUCTURE AND INNOVATIVE MEDICAL TECHNOLOGIES FOR A GROWING POPULATION. BEYOND TECHNICAL ROLES, THESE DEGREES LEAD TO LUCRATIVE POSITIONS IN PROJECT MANAGEMENT, TECHNICAL CONSULTANCY, AND ENTREPRENEURIAL VENTURES. RAPID ADVANCEMENTS IN 2026 ENSURE HIGH STARTING SALARIES AND LONG-TERM JOB SECURITY ACROSS PUBLIC AND PRIVATE SECTORS. ULTIMATELY, THIS CAREER PATH EMPOWERS INDIVIDUALS TO LEAD TECHNICAL TEAMS AND SPEARHEAD BREAKTHROUGHS THAT REDEFINE SOCIETY.



Core Engineering Branches

- **Computer Science & Engineering (CSE)**
- **Mechanical Engineering**
- **Civil Engineering**
- **Electrical & Electronics Engineering (EEE)**
- **Electronics & Communication Engineering (ECE)**
- **Chemical Engineering**

Modern Specializations

- **Artificial Intelligence and Machine Learning**
- **Data Science and Analytics**
- **Cybersecurity and Forensics**
- **Robotics and Automation**
- **Mechatronics**
- **Internet of Things (IoT)**
- **Cloud Computing**
- **Blockchain Technology**



Core Engineering Branches

Industrial & Niche Branches

- **Aerospace & Aeronautical Engineering**
- **Biotechnology and Biomedical Engineering**
- **Marine Engineering**
- **Petroleum and Mining Engineering**

- **Automobile Engineering**
- **Environmental and Renewable Energy Engineering**
- **Nanotechnology**
- **Textile and Fashion Engineering**



ENGINEERING & TECHNOLOGY ENTRANCE EXAM AFTER 12TH

1. NATIONAL LEVEL EXAMS

THESE ARE THE MOST COMPETITIVE AND PROVIDE ENTRY INTO PREMIER GOVERNMENT-FUNDED INSTITUTES LIKE IITS, NITS, AND IIITS.

- **JEE MAIN: THE PRIMARY EXAM FOR NITS, IIITS, AND GFTIS. IN 2026, SESSION 1 WAS HELD IN JANUARY AND SESSION 2 IN APRIL**
- **JEE ADVANCED: ONLY THE TOP 2.5 LAKH QUALIFIERS OF JEE MAIN CAN APPEAR. IT IS THE GATEWAY TO THE INDIAN INSTITUTES OF TECHNOLOGY (IITS).**
- **CUET (UG): INCREASINGLY USED BY SEVERAL CENTRAL AND STATE UNIVERSITIES FOR B.TECH ADMISSIONS**

ENGINEERING & TECHNOLOGY ENTRANCE EXAM AFTER 12TH

TOP UNIVERSITY-SPECIFIC EXAMS

MANY PRESTIGIOUS PRIVATE UNIVERSITIES CONDUCT THEIR OWN ENTRANCE TESTS TO FILL THEIR SEATS.

- **BITSAT:** FOR ADMISSION TO BITS PILANI, GOA, AND HYDERABAD CAMPUSES. (USUALLY HELD IN TWO SESSIONS IN MAY AND JUNE).
- **VITEEE:** CONDUCTED BY VELLORE INSTITUTE OF TECHNOLOGY FOR ITS CAMPUSES IN VELLORE, CHENNAI, AP, AND BHOPAL.
- **SRMJEEE:** ENTRY INTO SRM INSTITUTE OF SCIENCE AND TECHNOLOGY.
- **MET:** MANIPAL ENTRANCE TEST FOR MANIPAL ACADEMY OF HIGHER EDUCATION (MAHE).
- **LPUNEST:** CONDUCTED BY LOVELY PROFESSIONAL UNIVERSITY FOR ADMISSIONS AND SCHOLARSHIPS.
- **KIITEE:** ENTRANCE EXAM FOR KIIT UNIVERSITY, BHUBANESWAR.

Top 10 IIT's in INDIA

1. IIT Madras (Chennai)
2. IIT Delhi (New Delhi)
3. IIT Bombay (Mumbai)
4. IIT Kanpur (Kanpur)
5. IIT Roorkee (Roorkee)
6. IIT Kharagpur (Kharagpur)
7. IIT Guwahati (Guwahati)
8. IIT Hyderabad (Hyderabad)
9. IIT (BHU) Varanasi (Varanasi)
10. IIT Indore (Indore)

Other Notable IIT's

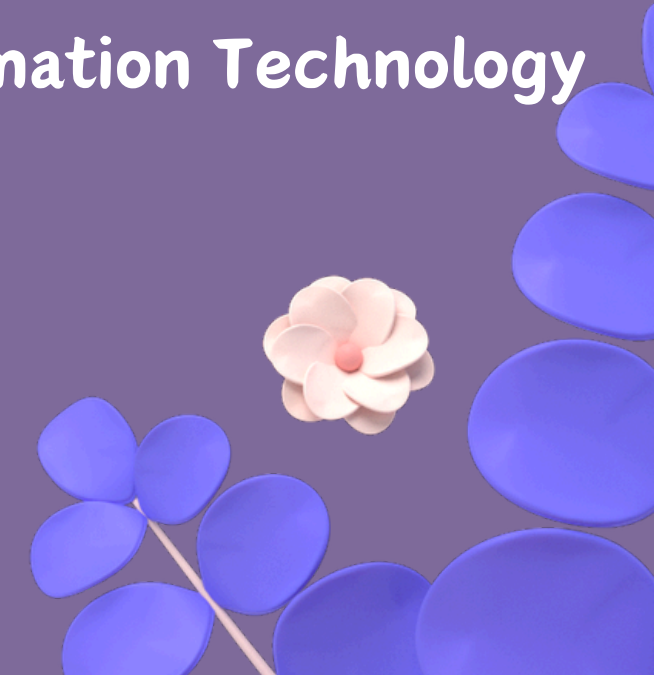
- IIT Gandhinagar
- IIT Ropar
- IIT Patna
- IIT Bhubaneswar
- IIT Mandi
- IIT Jodhpur
- IIT Tirupati
- IIT Bhilai
- IIT Goa
- IIT Jammu
- IIT Dharwad
- IIT Palakkad
- IIT (ISM) Dhanbad



Top GFTIs (Participating in JoSAA/CSAB)

- Assam University, Silcha
- Birla Institute of Technology, Mesra, Ranchi
- Gurukula Kangri Vishwavidyalaya, Haridwar
- Indian Institute of Carpet Technology, Bhadohi
- Institute of Infrastructure, Technology, Research and Management, Ahmedabad
- Institute of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur
- J.K. Institute of Applied Physics & Technology, University of Allahabad
- National Institute of Advanced Manufacturing Technology (formerly NIFFT), Ranchi
- Sant Longowal Institute of Engineering and Technology (SLIET), Longowal
- Mizoram University, Aizawl

- School of Engineering, Tezpur University, Napaam
- School of Planning & Architecture (SPA), Bhopal
- School of Planning & Architecture (SPA), New Delhi
- School of Planning & Architecture (SPA), Vijayawada
- Shri Mata Vaishno Devi University, Katra
- International Institute of Information Technology (IIIT), Naya Raipur
- University of Hyderabad, Hyderabad
- Punjab Engineering College (PEC), Chandigarh
- Jawaharlal Nehru University (JNU), Delhi
- International Institute of Information Technology (IIIT), Bhubaneswa



Top GFTIs (Participating in JoSAA/CSAB)

- Central Institute of Technology (CIT), Kokrajhar
- Puducherry Technological University, Puducherry
- Ghani Khan Choudhury Institute of Engineering and Technology, Malda
- Central University of Rajasthan, Ajmer
- National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat
- National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Thanjavur
- North Eastern Regional Institute of Science and Technology (NERIST), Itanagar
- Indian Institute of Handloom Technology (IIHT), Varanasi/Salem

Chhattisgarh Swami Vivekanand Technical University (CSVТУ), Bhila

Other Major Government Technical Institutes

- IITs (23 Institutes): (e.g., IIT Bombay, IIT Delhi, IIT Madra)
- NITs (31 Institutes): (e.g., NIT Trichy, NIT Surathkal, NIT Warangal)
- IIITs (26 Institutes): (e.g., IIIT Allahabad, IIIT Gwalior)
- Indian Institute of Science (IISc), Bangalore
- Indian Institutes of Science Education and Research (IISERs): (7 locations across India)



Thank,
you!