

#### VIDYA PRATISHTHAN'S

# KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING & TECHNOLOGY, BARAMATI



Vidyanagari, Bhigwan Road, Baramati, Dist. Pune - 413 133 Phone : (02112) 239503, 239504, 239505

# **CAREER OPPORTUNITIES IN ENGINEERING**

- Entrepreneurship
- Research Scientist
- Software Developer

- Consultancy Services
- > Higher Studies
- ▶ Government and Private Sectors
- Management
- Civil Services
- > Indian Army, Navy and Air forces

### CAREER OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Scope of Branch and Job Profiles	Jobs in Companies	Jobs in Countries
The branch provides compelling opportunities in Data Science, Automation, Software Development, Database Administration, Banking Sectors etc. It helps in enhancing cross-disciplinary skills like Statistics, Mathematical and logical reasoning, knowledge discovery, visualization, Internet of Things (IoT), Big Data Analytics, etc.  > Artificial Intelligence Engineer > Data Architect > Machine Learning Engineer > Deep Learning Engineer	<ul> <li>→ Amazon</li> <li>→ Citibank</li> <li>→ Morgan Stanley</li> <li>→ Infosys</li> <li>→ Tata Consultancy</li> <li>→ Amdocs</li> <li>→ Wipro</li> <li>→ Cognizant</li> <li>→ Opportunities in Automation and</li> </ul>	<ul> <li>▶ India</li> <li>▶ USA</li> <li>▶ Europe</li> <li>▶ Canada</li> <li>▶ Germany</li> <li>▶ Japan</li> </ul>
	Services (TCS) Banking Sectors	

# CAREER OPPORTUNITIES IN COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY

Scope of Branch and Job Profiles	Jobs in Companies	Jobs in Countries
Computer Engineering and Information Technology are prominent branches in the age of scientific and technological development. Computer and IT engineers are the programmers and they also design computer hardware and software systems.  > Software Developer > Computer Network Architect > Information Security Analyst > Computer System Analyst	▶ Infosys ▶ Capgemini	<ul> <li>► India ► USA</li> <li>► Germany ► Switzerland</li> <li>► Canada ► UAE</li> <li>► New Zealand</li> <li>► United Kingdom</li> <li>► Singapore ► South Korea</li> </ul>

### CAREER OPPORTUNITIES IN ELECTRONICS & TELECOMMUNICATION ENGINEERING

Scope of Branch and Job Profiles	Jobs in Companies	Jobs in Countries
Electronics and Telecommunication Engineering deals with the science of electrons and covers a wide range of applications like Television, Radio, computers and telecommunication. Electronics and Telecommunication graduates have many job opportunities and become entrepreneurs as well.  > Network Planning Engineer > Embedded Systems Engineer > Telecommunication Engineer > Signal Processing Engineer > Electronics Design and Development Engineer		<ul> <li>▷ India ▷ USA</li> <li>▷ Canada ▷ Japan</li> <li>▷ Australia ▷ Germany</li> <li>▷ Norway ▷ Belgium</li> <li>▷ United Kingdom</li> <li>▷ Finland ▷ Malaysia</li> <li>▷ Europe</li> <li>▷ South Korea</li> <li>▷ Switzerland</li> </ul>

# **CAREER OPPORTUNITIES IN ELECTRICAL ENGINEERING**

Scope of Branch and Job Profiles	Jobs in Companies	Jobs in Countries
Electrical Engineering deals with the study and application of electricity generation, transmission, distribution and consumption of electrical energy for the benefit of humankind. Electrical Engineering graduates have a number of opportunities in Government and Private Sectors.  > Electrical Design Engineer > Manufacturing Engineer > Software Developer > Operation and Maintenance Engineer > Electrical Machine Manufacturing Engineer > Energy Auditor	UPSEB, etc.	<ul> <li>▶ India</li> <li>▶ USA</li> <li>▶ Switzerland</li> <li>▶ Israel</li> <li>▶ Denmark</li> <li>▶ Australia</li> <li>▶ Germany</li> </ul>

# **CAREER OPPORTUNITIES IN MECHANICAL ENGINEERING**

Scope of Branch and Job Profiles	Jobs in Co	mpanies	Jobs in Countries
Mechanical Engineering is the prominent branch and Mechanical Engineers are required in most of the manufacturing, automobile, petroleum industries, auto ancillaries, defence equipment manufacturing, food and aerospace, Software and Textile industries.  ▶ Design Engineer	<ul> <li>▶ Maruti Suzuki</li> <li>▶ Tata Motors</li> <li>▶ Hyundai Motor</li> <li>▶ Tesla</li> <li>▶ Piaggio Vehicles</li> <li>▶ Volkswagen</li> <li>▶ Toyota</li> <li>▶ Ford Motor</li> </ul>	<ul> <li>▷ BMW</li> <li>▷ Mercedes-Benz</li> <li>▷ Bharat Forge</li> <li>▷ TCS</li> <li>▷ ISRO</li> <li>▷ DRDO</li> <li>▷ TIFR</li> <li>▷ Capgemini</li> </ul>	<ul> <li>▶ India</li> <li>▶ Germany</li> <li>▶ Japan</li> <li>▶ USA</li> <li>▶ France</li> <li>▶ Sweden</li> <li>▶ UAE ▷ UK</li> <li>▶ Singapore</li> </ul>

### CAREER OPPORTUNITIES IN CIVIL ENGINEERING

Scope of Branch and Job Profiles	Jobs in Companies	Jobs in Countries
Civil Engineering deals with the design, construction and maintenance of the physical and naturally built environment. Civil Engineering graduates have many job opportunities.  > Design Engineer		<ul> <li>▶ India</li></ul>

# **CAREER OPPORTUNITIES IN HONOR/MINOR DEGREE PROGRAMS**

Honor/Minor Degree Programs are offered by Savitribai Phule Pune University to allow students to learn emerging technologies through Credit-Based programs. These programs aim to enhance the technical skills and abilities of students and enable them to earn additional degrees and get better jobs. The duration of these programs is of two years (for TE and BE students) with 20 credit points.

# CAREER OPPORTUNITIES IN B. VOC. IN CLOUD COMPUTING

Scope of Branch and Job Profiles	Jobs in Companies		Jobs in Countries
Cloud Computing  ➤ Cloud Computing is one of the most popular IT trends in modern technology.  ➤ The international cloud computing market is projected to rise significantly with more than a million job opportunities in India alone in the next few years.  Job Profiles: Cloud Architect, Cloud Software Engineer, Cloud Services Developer, Cloud Systems Administrator, Cloud Consultant, Cloud Network Engineer, etc.	<ul> <li>➤ Amazon</li> <li>➤ Google</li> <li>➤ Infosys</li> <li>➤ TCS</li> <li>➤ Cognizant</li> <li>➤ Persistent</li> </ul>	<ul> <li>▶ Wipro</li> <li>▶ Capgemini</li> <li>▶ Atos Syntel</li> <li>▶ Accenture</li> <li>▶ IBM</li> <li>▶ Amdocs</li> </ul>	<ul> <li>▶ India → USA</li> <li>▶ Germany &gt; UAE</li> <li>▶ Switzerland</li> <li>▶ Canada</li> <li>▶ New Zealand</li> <li>▶ United Kingdom</li> <li>▶ Singapore</li> <li>▶ South Korea</li> </ul>

# CAREER OPPORTUNITIES IN B. VOC. IN ROBOTICS AND AUTOMATION

Scope of Branch and Job Profiles	Jobs in Co	Jobs in Countries	
Robotics and Automation  Robotics is a field of Engineering that deals with design and application of robots and the use of computer for their manipulation and processing.  A specialization in Robotics and Automation may lead to potential career opportunities in manufacturing, research and engineering, agriculture, mining, nuclear, power-plant maintenance and a variety of other areas.  Job Profiles: Robotics Engineer, Robotic Researcher, Design Engineer, Hardware Engineer, Robotic Process Automation Developer, etc.	DIFACTO RODOTICS &     Automation      BHEL      NASA      Tech Mahindra Ltd      Kuka Robotics      ISPO	<ul> <li>→ Hyundai Motor</li> <li>→ Tesla</li> <li>→ Piaggio Vehicles</li> <li>→ Volkswagen</li> <li>→ Toyota</li> <li>→ Ford Motor</li> <li>→ BMW</li> <li>→ Mercedes-Benz</li> <li>→ Bharat Forge</li> <li>→ TIFR</li> </ul>	<ul> <li>▶ India</li> <li>▶ Germany</li> <li>▶ Japan</li> <li>▶ USA</li> <li>▶ France</li> <li>▶ Sweden</li> <li>▶ Singapore</li> <li>▶ Denmark</li> <li>▶ Canada</li> <li>▶ Switzerland</li> </ul>

# FOR ADMISSION RELATED | |

- Visit Our Campus
- Contact on: 02112-239503 / 504
- Visit our website: www.vpkbiet.org
   Fill up online form to get more information
- Send enquiry on: admission@vpkbiet.org
- For admission, contact on: 9421938940 / 9096058379