



**SANDIP**  
UNIVERSITY  
— UGC Recognised —



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## ABOUT SANDIP UNIVERSITY

This isn't just any other university. It's an ultra-modern university with values rooted deep down in the 5000 year old culture which has always led the way forward to humans around the world. Situated in the historic land of Nashik, Sandip University is extremely progressive in thought, culture, mission, vision and delivery of world-class education to the next generation of students. Sandip University is poised to help you give the very best of both worlds i.e. a culture which is 5000 years old and an education which is decade ahead of its time.

Sandip University is an self finance private university guided and governed by the policy, rules and regulations of Maharashtra state and under the regulations of the University Grants Commission. This is the first Self-financed private university in Maharashtra recognised by UGC. Sandip University belongs to Sandip Group of Institutions which owns the very well-known Sandip Foundation in Nashik. Sandip University is a massive educational institute In Nashik aimed at providing quality Undergraduate and Postgraduate programs to the students.



# VISION

To be one of the Most preferred  
Learning Institute to nurture future  
Global Leaders congenial to society



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# MISSION

- Providing learner-centered education through Cutting Edge Technologies facilitated by the world class infrastructure.
- Enabling a global leader in education & human development to bloom as a center of excellence in teaching, research and entrepreneurship.
- Involving societal oriented and purposeful research with concern for sustainable development.
- Moving beyond curriculum and create opportunities for student engagement with “cultural others” with global society.
- Empowering students to converge into capable leaders & responsible citizens bearing high ethical value.



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The IBM Innovation Centre for Education collaborates with Sandip University, Nasik to co-create degrees that let industry professionals and students interact and prepare for solving the problems of tomorrow. In these degree programs, we focus on project-based learning and industry interaction.

Students' work is constantly under review and receives input from industry specialists that supports constant learning. Subject matter experts from various industries interact with college faculty which helps college faculty maintain up-to-date skills. Such a seamless interaction between faculty and industry ensures that fresh graduates are able to meet real IT challenges and are well-prepared to enter the workforce.





- Students will benefit from an innovative curriculum jointly developed with IBM on various industry specialisations, based on the skill requirements of various organisations across the world including **Banks, Computer Services, Education, Healthcare, Insurance, Manufacturing, Retail, and other industries.**
- Students learn from IBM's Industry Faculty about relevant and live industry cases and examples
- Students will use IBM software tools for training as part of the educational program
- Students will receive relevant courseware as a part of the curriculum
- Participating students will receive Professional Certification by IBM on the completion of the course
- Students will gain an opportunity to improve their prospects for a global career with the best companies

In a world, where there is growing demand for skilled IT professionals, the key to transforming today's students into tomorrow's working professionals is to develop industry capabilities right at the foundation level. To this effect, the **Career Education Program** by IBM (under Software Group) has caused revolutionary changes in academia, rapidly building industry-relevant software capabilities that organizations need today and tomorrow.

The program is holistic, comprehensive with customized offerings for engineering and business schools, students and faculty members. This is done by ensuring the right results & benefits by collaborating at various levels, be it curriculum support, software foundation skills, capability building or experiential learning through Live Projects.

## **BENEFITS OF THE PROGRAM**



## Benefits of the program

- The need for cyber experts has grown exponentially as the country is heading towards an internet explosion mostly fuelled by e-commerce, e-banking, e-governance and the social media
- The need for cyber security professionals is on the rise in India to support its fast-growing internet economy
- The government is putting in place a national cyber security architecture to prevent sabotage, espionage, and other forms of cyber threats
- The government wants to defend national assets against cyber-attacks and seek to provide for protection of citizen's information.
- The government is looking to strengthen the Computer Emergency Response Team (CERT-In) to periodically audit, defend and spread awareness on cyber security besides encouraging open standards

**Course Duration: 4 years (8 Semesters)**

**Seats: 60 only**

# B.Tech Computer Science & Engineering

**Specialization in Cyber Security and Forensics  
in academic collaboration with IBM**



- B.Tech in Computer Science & Engineering with specialization in Cyber Security & Forensics prepares you for an exciting career in the domain
- One can choose a career either between Government cyber organizations and National organizations such as DRDO, ISRO or private firms with needs of IT security
- Here is a list of career opportunities available in this industry:
  - Cyber forensics solutions architect/tech consultant
  - Cyber forensics planning and expansion specialist
  - Cyber forensics malware analyst/examiner/engineer
  - Cyber security architect
  - Cyber security administrator
  - Intelligence analyst
  - Information security analyst
  - Expert at antivirus firms
  - Computer and information system manager
  - Network security analyst

Companies in India that hire professionals holding a B.Tech in Computer Science & Engineering with specialization in Cyber Security & Forensics:

- |            |             |
|------------|-------------|
| 1. Apple   | 2. Google   |
| 3. Yahoo   | 4. Amazon   |
| 5. Twitter | 6. Facebook |
| 7. Seagate |             |

## CAREERS & PLACEMENTS

## Benefits of the program

- Prepares students for careers in the "economy of tomorrow" industries, where they will play a vital role in their organizations' technological direction
- Equips students to take on BAO responsibilities in functions like operations, product development, information systems and finance in the IT end-user industry
- Enables students to become BAO consultants who lead large-scale data warehousing and business intelligence projects in IT consulting/services and IT products organizations (such as IBM, Accenture, CSC, Wipro, Google, TCS, Infosys, etc.)

**Course Duration: 4 years (8 Semesters)**

**Seats: 60 only**

# B.Tech Computer Science & Engineering

**Specialization in Business Analytics and  
Optimization in academic collaboration with IBM**



## Here is a list of career opportunities available in this industry:

- Package implementation such as Cognos, SPSS/SAS, Informatics, etc
- Data Warehousing Specialists and System Administrators
- BI/BAO Specialist and Architects
- BI/BAO Project Managers
- BAO Infrastructure Specialists

Companies in India that hire professionals holding a B.Tech in Computer Science & Engineering with specialization in Business Analytics and Optimization:

1. Motorola
2. Nortel
3. Apple
4. Amazon
5. Google
6. IBM
7. HP

# CAREERS & PLACEMENTS



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Bihar

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