



SANDIP
UNIVERSITY
— UGC Recognised —

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Xebia

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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

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.



BENEFITS OF THE PROGRAM

Xebia's Academic Alliance Program offers institutions an open curriculum based education applicable to any vendor environment, empowering students to develop highly marketable knowledge and skills required.

The program offers new-age technology courses for engineering students in DevOps (Development Operations), and Data Sciences. We believe that industry aligned programs can not only address the employability issue of today's educated youth, but also bridge the industry-academia gap immensely.



- Innovative and research-driven curriculum
- Faculty development and up skilling programs align with the latest technology trends
- Student engagement and development via Hackathons, Webinars, Professional Networking, Internships, Tech Talks
- Industry orientation through guest lectures, live projects, and corporate interactions
- Industry recognized credentials and Xebia endorsed certification, digital badges for each student
- Career opportunities for students and placement support within Xebia and its client network
- Xebia will participate with Sandip University in road shows
- Student-parent counselling during Admission Cycle.

KEY FEATURES OF THE PROGRAM



Benefits of the program

- Xebia has been recognized as a leader in DevOps by Gartner and Forrester and this course is created by Xebia to equip students with a set of practices, methodologies, and tools that emphasizes the collaboration and communication of both software developers and other information technology (IT) professionals while automating the process of software delivery and infrastructure changes
- Equips students with a set of practices, methodologies, and tools that emphasize the collaboration and communication of both software developers and other IT professionals while automating the process of software delivery and infrastructure changes

Course Duration: 4 years (8 Semesters)

Seats: 60 only

B.TECH COMPUTER SCIENCE & ENGINEERING

Specialization in DevOps (Development Operations) in academic collaboration with Xebia

DevOps is spreading beyond web companies and enterprises to a more mainstream enterprise audience that includes almost all major verticals. Organisations in the financial services, insurance, telecommunications, retail, manufacturing, transportation, healthcare and the public sector have all begun implementing DevOps processes.

The move by more enterprises to adopt DevOps technology and methodology means continued and growing demand for DevOps practitioners and leaders. This helps in driving up healthy competition among employers, for higher salaries, from the same pool of talent. IT professionals specializing in DevOps tend to get higher salaries partly because they also tend to have more responsibilities that span across development and IT operations. After specialisation in DevOps, students can explore a career as:

- DevOps Architect
- Automation Engineer
- Software Tester
- Security Engineer
- Integration Specialist
- Release Manager

Companies in India that hire professionals that hold a B.Tech in Computer Science & Engineering with specialization in DevOps:

1. Capgemini
2. Accenture
3. Box8
4. Bosch Group
5. Amazon
6. McAfee

CAREERS & PLACEMENTS

Artificial Intelligence and Machine Learning specialisation in B.E. (CSE) at Sandip University, Nasik provides the core concepts of Computer Science along with fundamentals of Artificial Intelligence. It enables students to provide solutions to scientific, technological and complex real world problems. This program aims to impart the fundamental concepts of Artificial Intelligence, knowledge representation, intelligent agents, natural language processing, machine learning, cognitive modelling and applications of artificial intelligence in block chain and other areas. It also enables students to obtain programming skills, Mathematical reasoning and communication skills.

Course Duration: 4 years (8 Semesters)

Seats: 60 only

B.TECH COMPUTER SCIENCE & ENGINEERING

**Specialization in AI & Machine Learning in
academic collaboration with Xebia**

Artificial Intelligence (AI) as a term has been there since 1955. Analysts have predicted AI to become a \$46 billion market by 2020. Government of India has appointed a task force planning to boost the AI sector in India, for developing AI technologies and infrastructure, to data usage and research to work with the private sector to develop technologies, with a focus on smart cities, power and water infrastructure, crop management to fighting terrorism, there's a plan to deploy AI in 10 sectors in India. Therefore, ample career opportunities exist in private companies, public organisations, healthcare industry, education, and government institutions. Additionally, all top IT companies are looking at aggressively hiring Engineers specialising in Artificial Intelligence & Machine Learning. The jobs profiles include:

- Machine learning engineer
- Data scientist in machine learning
- Research engineer in artificial intelligence
- Big data & AI architect
- Big data & AI consultant
- Robotics professional

Companies in India that hire professionals holding a B.Tech in Computer Science & Engineering specialization in AI & Machine Learning:

1. Atkins
2. Accenture
3. Bosch Group
4. Microsoft
5. Amazon
6. Intel Technology
7. Reliance Jio

CAREERS & PLACEMENTS



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