



Darshan
UNIVERSITY

B.Sc. (IT)
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY



A
technical
under-graduate
program
designed to impart
holistic education to broaden
the **technical & ethical**
dimension

What is B.Sc. (IT)?



Bachelor of Science in Information Technology (B.Sc. (IT)) is a three-year undergraduate technical professional program that aims to groom the software development skills of the student. It imparts extensive knowledge in Computer Fundamentals, Programming Languages, Database Systems, Information Security, and Web Development.

B.Sc. (IT) can be a better choice for science stream (A/B group) candidates who wish to pursue their future in the Information Technology field.

The B.Sc. (IT) Advantages



New Age Course

The B.Sc. (IT) curriculum is designed, keeping in mind the rapid progress in the technological world. The aspiring specialists in Computer Applications are offered the required fundamental base to become a potential winner of the race. If one wishes to stay ahead in the highly competitive market, then B.Sc. (IT) is right choice for him/her.



Enormous Career Opportunities

B.Sc. (IT) provides the students with theoretical knowledge and practical experience that enable them for various job roles. B.Sc. (IT) degree help students to get placed in top companies. Students can also pursue higher education in the segment to achieve elevated positions in the future.



Stepping Stone for MCA / M.Sc. (IT)

B.Sc. (IT) graduates can easily opt for MCA / M.Sc. (IT) to explore a better and a wide range of career opportunities. B.Sc. (IT) is the fundamental level of the MCA / M.Sc. (IT) degree. Students will get advanced knowledge and efficient training in this field to tackle the challenges of the professional world.



Exciting Future

You have multiple options after excelling in the program. There are enormous placement offers from the best Indian and Multinational companies. Various opportunities are available for higher studies from the best universities in India or abroad. You may also opt for your start-up.



Best Choice for Girls

It is the best and most convenient option for girls as, Soft Branch/Office Work Only, Gender Neutral Job, Local to Global Job, i.e., Rajkot to USA, Flexible Job Timings, Five days a Week, Work from Home, Handsome Pay & Tremendous Salary Growth, Opportunity in Teaching Job, Good Opportunity to settle in Foreign Countries.

Job Roles After B.Sc. (IT)



- | | | |
|------------------------|---------------------|---------------------|
| • Software Developer | • Web Designer | • BDE / BDA |
| • Web Developer | • Software Tester | • Network Engineer |
| • Mobile App Developer | • Quality Assurance | • Hardware Engineer |
| • UI/UX Designer | • Database Engineer | • Game Developer |

B.Sc. (IT) @ Darshan University

- Highly Qualified, Well Experienced, Industry Linked, Dedicated Faculties.
- A Strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with applications of technologies in real life.
- Exposure to cutting-edge technologies through seminars and workshops.
- Inter-disciplinary, management and soft skill courses for holistic learning.
- Earn While You Learn program transforms a student into the entrepreneur.
- 85% Placement track record by School of Computer Science since 2013.

IT Infrastructure

10+

HP & IBM High
End Servers

1000+

HP & Lenovo
Computers

iLab

Apple App
Development Lab
iMac, iPad, iPhone

aLab

Android App
Development Lab
Lenovo All-in-One

IoT Lab

Raspberry Pi,
Arduino Sp &
Sensor Kits

Syllabus

Semester-1

- Office Automation Tools
- Programming using C
- Disaster Management
- Communication Skills
- Mathematics - I
- Basics of Networking & Internet

Semester-2

- Database Management System - I
- Digital Computer Fundamentals
- Object Oriented Programming using Java
- Web Designing
- Mathematics - II

Semester-3

- Network Security
- Data Structure
- Database Management System - II
- Web Programming
- Open Elective - I

Semester-4

- Python Programming
- Software Engineering
- UI/UX Design
- Open Elective - II
- Professional Elective - I

Semester-5

- Mobile Application Development using Flutter
- Software Quality Assurance and Testing
- Operating System Concept
- Professional Elective - II
- Professional Elective - III

Semester-6

- Project

Electives

Content Writing for BDE, Algorithm, Angular, Adv. Java, ASP.Net, CG, Blockchain, IoT, Cyber Security, MIS, COA, Java Script Frame Work, Project Management Tool

Key Faculties



Dr. Gopi B. Sanghani

Dean, School of Computer Science
Ph.D. (Machine Learning), M.E. (C.E.)
22 Years Experience

Dr. Gopi Sanghani has completed B.E. in Computer Engineering from DDIT Nadiad, M.E.(CE) from BVM Vallabh Vidyanagar and Ph.D. from Nirma University in the field of Text Mining using Machine Learning Techniques. She has contributed to executing various academic and administrative strategies to achieve departmental goals and initiatives. She has guided various research projects at both Under Graduate and Post Graduate Levels. She has published several International Conference and Journal Papers in the domain of Machine Learning & AI.

She successfully coordinated several workshops and training programs for students and faculties.



Dr. Nilesh Gambhava

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Machine Learning, Programming



Dr. Pradyumansinh Jadeja

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Web Mining, ASP.NET, MVC



Maulik Trivedi

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Compiler Design, Programming



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Database Management System



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Algorithms

Key Faculties



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- 👍 Ad-hoc Network, Java



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Key Faculties



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Dr. Sharon Mohtra

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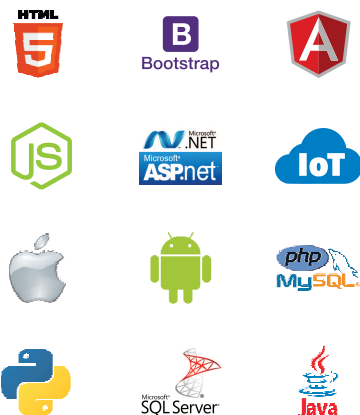
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- 👍 Digital Electronics

Lab Facilities



Apps, Software & Website Development Center (ASWDC)



- ASWDC is established by School of Computer Science. Students are trained in selected programming languages using latest cutting edge technology. Students develop industry standard applications & experience professional environment under the guidance of experts.
- ASWDC also acts as an Entrepreneur Development Cell (EDC) where ideas of students are nurtured, cultivated and transformed into real world applications which are beneficial to the society.
- 105+ Android Apps, 50+ iPhone Apps, 40+ Websites are professionally developed by the students and published on Google Play Store, Apple App Store, etc. These apps are integrated with Google AdMob and Google AdSense for the monetisation purpose. Students earn handsome money through this initiative.

Top Recruiters



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B.Sc. (IT)
Program



School of
Computer Science



Computer
Labs



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Play Store



Apple
App Store



Campus
Video



योग: कर्मसु कोशलम्

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