

# B.Sc. IT / B.Sc. IT (Hons) / iM.Sc. IT in Collaboration with



**» EDUCATION THAT  
EMPOWERS SUCCESS**



**SKIPS  
UNIVERSITY**  
(A ST. KABIR UNIVERSITY)

AHMEDABAD

## » ABOUT US

We stand as one of the early pioneers in educational endeavors in Ahmedabad, earning appreciation and awards for generating a path toward value-driven education.

Dedicated to the mission and vision established by our proactive leaders, SKIPS University tirelessly strives to accomplish our educational objectives. Our students experience a nurturing environment that cultivates professional ethics and helps develop their comprehensive personality growth. Dedicated to providing exceptional educational quality and comprehensive growth for our students, the proficient teachers at SKIPS University concentrate on enhancing levels of effectiveness, self-assurance, and knowledge among students, while offering world-wide exposure.

Our University features cutting-edge infrastructure, a vibrant campus, and contemporary amenities, including advanced labs, an extensive library, sports facilities, and a spacious cafeteria. We prioritize engaging students in a conducive educational environment. This fosters a thoughtful and adaptive atmosphere for advanced learning.

### OUR JOURNEY FROM SCHOOL TO UNIVERSITY



ST. KABIR SCHOOL DRIVE-IN (A)



ST. KABIR SCHOOL DRIVE-IN (B)



ST. KABIR SCHOOL NAVRANGPURA



ST. KABIR SCHOOL NARANPURA



SKIPS SCHOOL OF BUSINESS

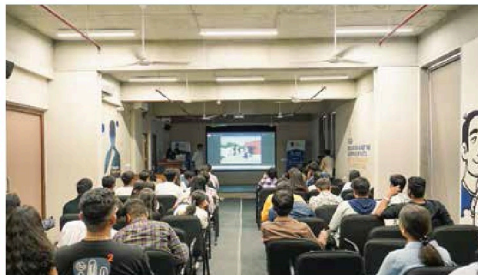


SKIPS UNIVERSITY

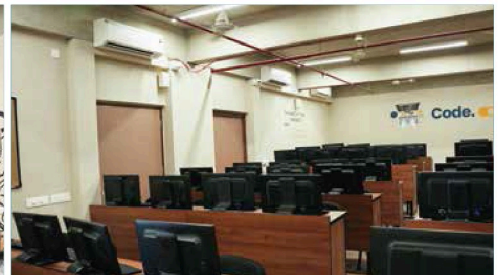
# » OUR CAMPUS



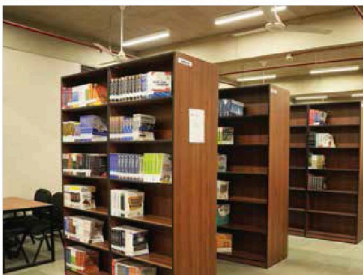
**CLASSROOM**



**AUDITORIUM**



**COMPUTER LAB**



**LIBRARY**



**CAFETERIA**



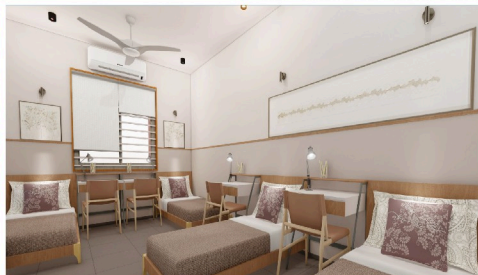
**FOOTBALL**



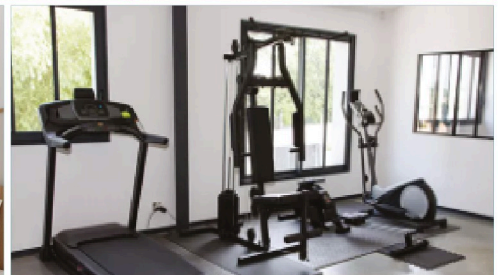
**CRICKET**



**HOSTEL**



**HOSTEL ROOM**

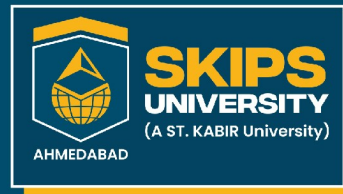


**GYM**

# » B.Sc. IT / B.Sc. IT Hons. / iM.Sc. IT in Collaboration with IBM



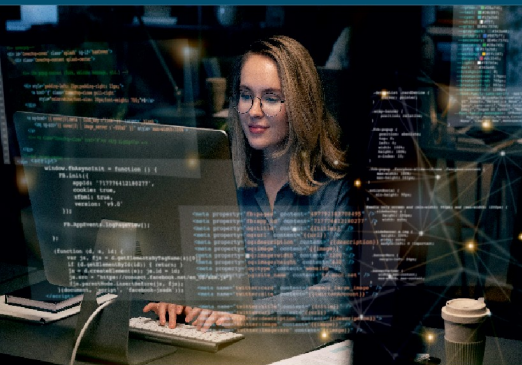
ONE OF THE TOP 5 - GLOBAL  
TECH COMPANY



A LEADING  
UNIVERSITY IN GUJARAT

The B.Sc. IT/iM.Sc. IT program is a distinguished collaboration between SKIPS University and IBM, a global technology leader renowned for pioneering advancements in artificial intelligence, cloud computing, and analytics solutions. This thoughtfully designed curriculum reflects the evolving demands of the global technology sector, combining academic rigour with industry expertise.

Students benefit from exposure to state-of-the-art technological tools, industry-relevant analytics training, and competencies required for tomorrow's digital landscape. Upon completion, graduates earn an IT degree from SKIPS University alongside a co-branded Data Science Certificate issued jointly by IBM and SKIPS University, positioning them at the forefront of the technology industry.



## B.Sc. IT (3 years)

A 3-year undergraduate course that provides a solid foundation in Information Technology, covering areas such as computer programming, networking, databases and IT management.



## B.Sc. IT Honours (4 years)

This course is a 4-year program that includes all the subjects from BSc. IT, plus an additional year for in-depth study, research and specialized training, providing a deeper understanding of IT concepts.



## iM.Sc. IT (5 years)

An integrated 5-year course that combines the BSc. IT Honours with a Master's degree, offering advanced knowledge in fields like AI, cyber security and data science, preparing students for leadership roles in the IT industry.

## B.Sc. IT WITH DUAL SPECIALIZATION IN



Full Stack  
Development



Data Science  
& Generative AI



Cyber  
Security



Cloud  
Computing

## KEY FEATURES

**2000+**

Hours of Class  
Learning

**1200+**

Hours of Practical  
Learning

**1250+**

Hours of Industry  
Experience

**150+**

Hours of  
Communication  
Skills

**250+**

Hours of  
Employability Skills  
Enhancement

**300+**

Case Studies

**13+**

Industry &  
MOOC Certifications

**100%**

Placement  
Assistance



# FULL-STACK DEVELOPMENT

Begin a journey to become a skilled full stack developer through the B.Sc IT Full Stack Development program offered by SKIPS University. Acquire practical knowledge in front-end and back-end technologies, and master the art of building dynamic web applications.



## » WHAT WILL YOU LEARN?

### Course Structure at a Glance

<ul style="list-style-type: none"> <li>» Essentials of Software Foundation and Programming -I</li> <li>» Essentials of Software Foundation and Programming -II</li> </ul>	<ul style="list-style-type: none"> <li>» Fundamentals of Web Programming</li> <li>» Angular JS + Node.JS</li> <li>» Web Services &amp; Rest API Development</li> </ul>	<ul style="list-style-type: none"> <li>» Web Development using MERN Stack</li> <li>» Spring Framework</li> <li>» Design Thinking, DevOps, Agile</li> </ul>
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## » MASTER ALL FULL STACK TOOLS



## » SKILLS YOU WILL DEVELOP

Web App Development

Software Development Life Cycle

Agile Development

User Interface Design

Testing

Deployment

## » CAPSTONE PROJECTS

» Chat Application

» Blog platforms

» Content Management System

» Social Media Dashboard

» Expense Tracker

» Online Learning Platform

» Task Management Application

» Weather App

## » JOB PROSPECTS

Full Stack Developer

Full Stack Programmer

Full Stack Software Engineer

Back End Developer

Front End Developer

Product Manager

Web Architect

Software Engineer

Web Developer

Application Developer

DevOps Engineer

Team Lead



# DATA SCIENCE & GENERATIVE AI

Unlock the potential of data and embark on an exciting career path as a data scientist through SKIPS University's B.Sc. IT Data Science & Generative AI program. Learn machine learning, data visualization, data analytics, and more. Acquire the right skills and join the league of the most sought-after data science professionals.



## » WHAT WILL YOU LEARN?

Course Structure at a Glance:

» Python Programming for Data Science with IBM	» Data Visualizations with R, Watson with IBM	» Machine Learning Fundamentals with IBM	» Predictive Modelling with IBM
» Generative AI with Prompt Engineering with IBM	» Deep learning with IBM	» Advanced Machine Learning	» Data Visualizations using PowerBI, Tableau

## » MASTER ALL DATA SCIENCE & AI TOOLS



## » SKILLS YOU WILL DEVELOP

Statistical Modeling & Machine Learning

Creating & Maintaining Dashboards

ETL (Extract, Transform, Load) Processes

Analytical & Problem Solving

Data Visualization  
Data Analysis & Interpretation

Data Modeling

SQL & Database Management

Story Telling

Data Governance

## » CAPSTONE PROJECTS

» Disease Prediction

» Fraud Detection

» Airline Fare Prediction

» Customer Segmentation

» Sales Prediction

» Weather Forecasting

## » JOB PROSPECTS

Data Engineer

Data Analyst

Business Analytics Professional

ML Engineer

Data Architect

Business Intelligence Specialist

Data Scientist

Business Analyst

Statistician



# CYBER SECURITY

Protect the digital world from evolving threats with SKIPS University's B.Sc.IT Cyber Security program. Dive deep into the fields of network security, cryptography, ethical hacking, and vulnerability assessment. Equip yourself with industry-relevant skills needed to become a sought-after cybersecurity professional expert.



## » WHAT WILL YOU LEARN?

Course Structure at a Glance:

» Operating Systems from security perspective	» Security Governance and Data Protection	» Fundamentals of CyberSecurity	» Emerging Concepts in Cybersecurity
» Advanced Networking	» Endpoint and network security	» Network Attacks and Application Security	» Cybercrime, Forensic & Compliance

## » MASTER ALL CYBER SECURITY TOOLS



## » SKILLS YOU WILL DEVELOP

Network Security

Ethical Hacking

Cryptography

Application Security

Cyber Forensics

Security Monitoring

Cyber Auditing

Security Policy Analysis

## » CAPSTONE PROJECTS

» Offline Hacking

» Intrusion Detection

» Ethical Hacking

» Preventing Phishing Attack

» Cyber-Fraud Monitoring

» Packet Sniffing

» Credit Card Fraud Detection

» SQL Injection

## » JOB PROSPECTS

Security Engineer

Network Security Consultant

Ethical Hacker

Cyber Security Analyst

Penetration Tester

Application Security Analyst

Cyber Security Professional

Cybersecurity Operations Manager

Cybersecurity Audit Specialist

Cyber Forensic Specialist

Security Systems Administrator

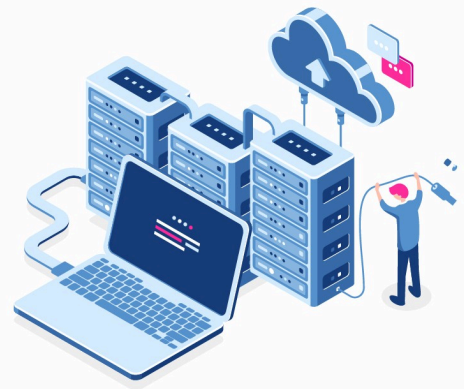
Security Architect

# Masters in Information Technology



## » CLOUD COMPUTING

Explore a fulfilling career in cloud technology and revolutionize the way businesses operate with SKIPS University's B.Sc. IT Cloud Computing program. Learn to deploy, and manage scalable cloud infrastructure and explore virtualization techniques in cloud platforms.



### » WHAT WILL YOU LEARN?

Course Structure at a Glance:

» Computer Networks & Operating Systems	» Database & Data Management Systems	» Fundamentals of Cloud Computing	» DevOps - II
» Cloud Foundation Tools	» Information Security, Cyber Laws & Emerging Technologies	» DevOps - I	» Networking & Operating System

### » MASTER ALL CLOUD COMPUTING TOOLS



### » SKILLS YOU WILL DEVELOP

Cloud Platform Proficiency

Virtualization & Containerization

Storage & Database Management

Cost Management

Migration & Deployment

DevOps Practices

Serverless Computing

Governance & Compliance

### » CAPSTONE PROJECTS

» Cloud Deployment

» Security & Compliance

» Serverless Computing

» Cloud Migration

» Containerization & Orchestration

» DevSecOps Pipeline with Automated Security and Compliance Checks

» DevOps Automation

» Cost Management & Optimization

### » JOB PROSPECTS

Cloud Engineer

Cloud Support Engineer

Cloud Monitoring Engineer

DevOps Engineer

DevOps Support Engineer

Site Reliability Engineer (SRE)

Linux System Administrator

Associate Cloud & DevOps Engineer

Infrastructure Engineer

NOC Engineer (Network Operations Center)

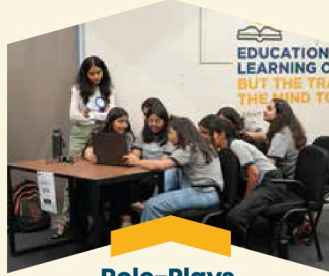
Network Support Engineer

Technical Support Engineer (L2)

## » COURSE PEDAGOGY



**Seminar**



**Role-Plays**



**Case Study Method**



**Workshops**



**Simulated Exercise**



**Internships**



**Group Projects**



**Movie Club**



**Group Discussions**



**Live Projects**



**Flipped Classrooms**



**Colloquium**

## ELIGIBILITY & SELECTION PROCESS

The applicant must have passed 10+2 or equivalent qualification through the Indian Council of Secondary Examination (ICSE) / Central Board of Secondary Examination (CBSE) / Gujarat Higher Secondary Education Board (GHSEB) or any other recognised Board in any stream.

### STAGE 1

The applicants shall be shortlisted based on the general rank figured after assessing the below mentioned accompanying parts and their subsequent weightages:

**40%**

Academic Performance

**25%**

Group Discussion & Personal Interview

**30%**

SUET (SKIPS University Entrance Test) Score

**5%**

Weightage for participation in (Sports / Extra-curricular activities/ Gender diversity)

### STAGE 2

Declaration of consolidated merit position for each of the candidates.

### STAGE 3

All the merit positioned candidates will be called for counselling at different time slots depending upon their rank.

Admission cut-off date will be announced along with the declaration of the merit list.

## FEE PAYMENT SCHEDULE

The Fees for the B.Sc. IT/ iM.Sc. IT Program For the Batch 2026-31 is Rs.1,60,200/- per year. Rs. 15,000/- at the time of Registration

1st Year	2nd Year	3rd Year	4th Year	5th Year
Semester 1 7th May 2026 ₹ <b>65,100/-</b>	Semester 3 10th Apr 2027 ₹ <b>80,100/-</b>	Semester 5 10th Apr 2028 ₹ <b>80,100/-</b>	Semester 7 10th Apr 2029 ₹ <b>80,100/-</b>	Semester 9 10th Apr 2030 ₹ <b>80,100/-</b>
Semester 2 10th Dec 2026 ₹ <b>80,100/-</b>	Semester 4 10th Oct 2027 ₹ <b>80,100/-</b>	Semester 6 11th Oct 2028 ₹ <b>80,100/-</b>	Semester 8 10th Oct 2029 ₹ <b>80,100/-</b>	Semester 10 10th Oct 2030 ₹ <b>80,100/-</b>

# » COURSE STRUCTURE

## SEMESTER-I

- › Introduction to Programming using C
- › C Programming Lab
- › Web Technology
- › Web Technology Lab
- › Basics of Mathematics
- › Communication Skills -I
- › Digital Electronics
- › Indian Knowledge System
- › Advanced Spreadsheet and Presentation Tools

## SEMESTER-II

- › Object Oriented Programming using Java
- › OOP using Java Lab
- › Data Structures
- › Data Structures Lab
- › Basics of Accounting
- › Communication Skills -II
- › Windows Server Administration
- › Environmental Science and Green Computing
- › Foundations of AI

## SEMESTER-III

- › Advanced Data Structures
- › Advanced Data Structures Lab
- › Basics of Statistics
- › Professional Competencies-I
- › Emotional Intelligence
- › Prompt Engineering
- › Elective-I (Specialization-I)
- › Elective-I (Specialization-II)

## SEMESTER-IV

- › Operating System Fundamentals
- › Database Management Systems
- › Database Management Systems Lab
- › Professional Competencies-II
- › Vedic Mathematics
- › Employability Enhancement Programme-I
- › Elective-II (Specialization-I)
- › Elective-II (Specialization-II)
- › Summer Internships

## SEMESTER-V

- › Microprocessors and Assembly Language
- › Data Communication and Networking
- › Advanced Database Concepts
- › Advanced Database Concepts Lab
- › Elective-III (Specialization-I)
- › Elective-III (Specialization-II)
- › Software Development Project-I

## SEMESTER-VI

- › System and Database Administration
- › Natural Language Processing
- › Micro Service Architecture
- › Operations Research
- › Elective-IV (Specialization-I)
- › Elective-IV (Specialization-II)
- › Software Development Project -II

## SEMESTER-VII

- › Statistics for Data Science using Spreadsheets
- › Relational Database Management System
- › Basic Mathematics
- › Linux Fundamentals
- › Communication Skills
- › Elective-V (Specialization-I)
- › Elective-V (Specialization-II)

## SEMESTER-VIII

- › Design and Analysis of Algorithms
- › Software Engineering
- › Elective-VI (Specialization-I)
- › Elective-VI (Specialization-II)
- › Elective-VII (Specialization-I)
- › Elective-VII (Specialization-II)
- › Employability Enhancement Programme-III

# » COURSE STRUCTURE

## SEMESTER-IX

- › Software Project Management
- › Advanced SQL
- › Software Tools
- › Elective-VIII (Specialization-I)
- › Elective-VIII (Specialization-II)
- › Employability Enhancement Programme-IV

## SEMESTER-X

- › Internship

## ELECTIVE COURSES OF SPECIALIZATION-I AND SPECIALIZATION-II

### DATA SCIENCE & GENERATIVE AI

- › Python Programming for Data Science with IBM
- › Data Visualizations with R, Watson with IBM
- › Machine Learning Fundamentals with IBM
- › Predictive Modelling with IBM
- › Generative AI with Prompt Engineering with IBM
- › Deep learning with IBM
- › Advanced Machine Learning
- › Data Visualizations using PowerBI, Tableau

### FULL STACK DEVELOPMENT

- › Essentials of Software Foundation and Programming –I
- › Essentials of Software Foundation and Programming –II
- › Fundamental of Web Programming
- › Angular JS + Node JS
- › Web Development using MERN Stack
- › Spring Framework
- › Web Services & Rest API Development
- › Design Thinking, DevOps, Agile

### CYBER SECURITY

- › OS from security perspective
- › Advanced Networking
- › Security Governance and Data Protection
- › Endpoint and network security
- › Fundamentals of Cyber Security
- › Network Attacks and Application Security
- › Emerging Concepts in Cybersecurity
- › Cybercrime, Forensic & Compliance

### CLOUD COMPUTING

- › Computer Networks & Operating Systems
- › Cloud Foundations Tools
- › Database & Data Management Systems
- › Information Security, Cyber Laws & Emerging Technologies
- › Fundamentals of Cloud Computing
- › DevOps –I
- › DevOps –II
- › Networking & Operating System

# LIFE AT CAMPUS

## CO-CURRICULAR CLUBS



### BRAIN STORMERS CLUB

Brainstormers Club is meant to acquaint students with current corporate activities, issues in the industry, and developments taking place in the global IT landscape.



### IIF CLUB

Industry Interaction Forum Club is a platform wherein the Institute brings students and industry experts together to share, exchange and discuss the current industry trends and requirements of the industry from fresh IT talent



### SKOPE CLUB

SKOPE Club is the ideal place for all the enthused minds who want to set out and make a mark for themselves. The SKOPE Club gives a chance to budding entrepreneurs to organize various events and learn the traits of the business.



### COMMUNICATION CRUSADERS CLUB

Communication Crusaders aims to provide the students with an excellent opportunity to enhance their power of words and awaken their imagination in the light of various activities.



### YOUNG DEVELOPERS CLUB

Young Developers Club gives members the chance to study computer programming fundamentals in a group environment. The club focuses on developing software, websites, games, and workshops. It also encourages students to participate in boot camps to enhance coding logic.



### ALPHA CLUB

The club encourages aspiring programmers and coders to study and share their findings. It offers a better atmosphere and platform to develop their research and analytical skills. It also motivates students to participate in Hackathons.

## EXTRA CURRICULAR CLUBS



### ABHIVYAKTI CLUB

Abhivyakti Club provides opportunities and a platform for students to discover and enhance their social and interpersonal skills. It aids them in adding versatility to their personalities along with developing their creativity.



### SAMVEDNA CLUB

Samvedna Club aims to sensitize its students about economic, social and environmental issues and make them pioneers of positive transformation by conducting and coordinating activities to give back to society and work for a common cause.



### UTSAV CLUB

The team Utsav is dedicated to spreading awareness and appreciation regarding any culture and appreciating its people, diversity and values.



### RANBHOOMI CLUB

Ranbhoomi Club aims to prepare budding managers for the future challenges offered by the corporate world by inculcating the importance of maintaining healthy well-being and developing cognitive flexibility.



### VIRASAT CLUB

Virasat Club distinctly aims to provide a platform to its Alumni to foster the spirit of belongingness towards their alma mater.



### PUBLIC RELATIONS CLUB

Public Relations Club endeavors to develop alliances with leading institutions and universities of the world, which have good reputation in the education world.

# » EMPLOYABILITY ENHANCEMENT PROGRAM

EEP is designed to bridge the gap between the skill set desired by the corporate and those possessed by an I.T graduate. Every student has different skills and abilities. We make sure that we hone the best in them and provide support at different levels. To enhance the corporate readiness of a student, he/she undergoes a rigorous training programme of more than 200 hrs.

## CAREER



### PSYCHOMETRIC TEST



### SWOT ANALYSIS



### GOAL SETTING



### SOFT SKILLS



### ANALYTICAL SKILLS



### TECHNICAL SKILLS



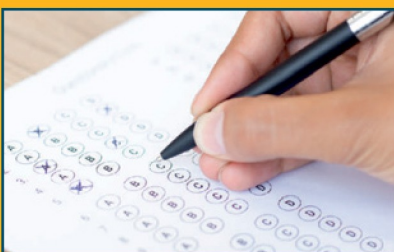
### CREATIVE THINKING



### NETWORKING



### RESUME BUILDING



### APTITUDE

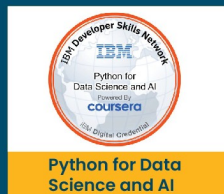


### GROUP DISCUSSION



### PERSONAL INTERVIEW

## » INDUSTRY RECOGNIZED CERTIFICATIONS



## » INTERNATIONAL COLLABORATION



## » INDUSTRIES WITH THE HIGHEST DEMAND FOR B.Sc./ iM.Sc. IN INFORMATION TECHNOLOGY

Computer Software	IT Services	Internet & Related Domains
Higher Education (EdTech)	Financial Services (Fintech)	Energy and Utilities
Social Media	Automotive	Media and Entertainment
Manufacturing	Retail	Healthcare
E-commerce	Travel and Hospitality	Real Estate

# » 750+ CORPORATE STAKEHOLDERS

**I.T.**

**FMCG/RETAIL**

**E-COMMERCE**

**BANKING**

**MANUFACTURING**

**NBFC**

**PHARMA**

And many more...



**SKIPS**  
**UNIVERSITY**  
(A ST. KABIR University)

AHMEDABAD

**Admission Office:**

SKIPS School of Business, Nr. SAL Hospital,  
Off Drive-in Road, Thaltej,  
Ahmedabad – 380054

**University Campus:**

SKIPS University, Plot No. 411-412,  
Sanavad, Kalol, Gandhinagar.

[info@skipsuniversity.edu.in](mailto:info@skipsuniversity.edu.in)

+91 95121 30000

[www.skipsuniversity.edu.in](http://www.skipsuniversity.edu.in)

