

# **B.TECH COMPUTER SCIENCE AND ENGINEERING**

**FINTECH**

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A 4-year NewGen Campus Degree Program that teaches you to build the digital infrastructure of modern finance.

**THE FUTURE OF FINANCIAL TECHNOLOGY**



Sanjeev Agrawal Global Educational (SAGE) University is a UGC-recognised, located on a modern 75-acre campus in Bhopal, Madhya Pradesh. The university is committed to academic excellence, innovation-driven learning, and creating career-ready graduates.

With its NewGen Campus Degree Program, SAGE University goes beyond traditional classroom education – combining rigorous academics with industry immersion, paid internships, and technology-enabled learning environments.

SAGE University's 75-acre campus in Bhopal provides a vibrant, modern, and technology-enabled learning environment. From smart classrooms equipped with the latest tools to collaborative workspaces designed to simulate real industry environments.



**UGC Recognised**

Degrees are nationally recognised and aligned with higher education standards.

# WHY NEWGEN?

## NEWGEN DEGREE

Industry-designed curriculum

Placement assurance

Smart classrooms

Assured paid internships

IIT paper every semester

Tech integration

## REGULAR DEGREE

Theory-**only** curriculum

**No** IIT paper exposure

**No** guaranteed internships

Placement "**assistance**"

Traditional classrooms



### Applied Learning, Not Just Theory

Practical exposure is embedded into the degree structure.



### Bridging the Skill- Employability Gap

Students graduate with experience, not just academic credentials.



### Prepared for Tomorrow's Roles

Programs are aligned with future business and technology demand.

# 7 REASONS STUDENTS PREFER THIS DEGREE

Every element of these programs is designed to bridge the gap between education and employment.



## Industry-Designed Curriculum

The curriculum is co-created with industry experts to ensure every module prepares you for the job market, not just exams.



## 50% Faculty from Industry

Half your professors come from active industry roles, bringing real-world insights, trends, and practical knowledge into the classroom.



## Assured Paid Internships

Guaranteed paid internship opportunities in Year 3 and Year 4, ensuring you gain professional experience before you graduate.



## One Paper from IIT Every Semester

Study one subject designed and delivered by IIT faculty every semester — adding IIT-calibre academic depth to your degree.



## Get Dedicated Placement Support

Comprehensive placement support including mock interviews, resume building, industry networking, and guaranteed placement assistance.



## Smart Classrooms - Industry-Integrated

State-of-the-art classrooms equipped with technology that simulates real work environments and enables interactive, immersive learning.



## Live Projects with Industry Partners

Work on live assignments and projects sourced directly from industry partners, building your portfolio before you even enter the job market.



**SAGE**  
UNIVERSITY  
BHOPAL

# B.TECH CSE FINTECH



4 Years



8 Semesters

## SKILLS ACQUIRED



Financial  
Analytics



Business  
Intelligence



Data Science  
Fundamentals



Python for  
Finance



FinTech  
Platforms



Risk & Compliance  
Awareness



Machine  
Learning Basics



Digital  
Payments

# FEE STRUCTURE

## B.Tech CSE Fintech

**₹1,62,500**

Annual Academic Fee

**₹6,50,000**

Total Program Fee

\* Note: The application and entrance test fees are separate from the academic fee.

# ADMISSION PROCESS

### STEP 1

Login to the Application Portal and start your application Form

### STEP 2

Upload your documents

### STEP 3

Accept offer letter and pay admission fees

### STEP 4

Score 40% marks to be eligible for admission.

### STEP 5

Accept the offer letter and pay the admission fees to confirm your admission.

# PROGRAM STRUCTURE

FIRST SEMESTER

Subject	Credits
Linear Algebra	4
Basic Electronics	4
Decoding Data- Learn AI, ML, DS & Analytics	3
Introduction to Problem Solving & Reasoning	4
General Elective- 1	3
Professional Development-1	2
Introduction to AI and Data Analytics Lab	1
Professional Development-1- Lab	1
Departmental Skill Enhancement Elective Course-1	2
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>24</b>

Subject	Credits
Calculus for Engineers	4
Computation and Logical Thinking	4
Applied Physics	3
Data Analysis using Python	3
Professional Development -2	2
Applied Physics Lab	1
Data Analysis using Python-LAB	1
Departmental Skill Enhancement Elective Course-2	2
Universal Human Values & Professional Ethics	0
Professional Development-2	1
Micro Project-1	2
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>23</b>

Subject	Credits
Operating System and Security	3
Data Structure and Complexity	3
DE-1	3
DE-2	4
Professional Development-3	1
General Elective-2 ( Principles of Management & Economics)	3
Operating System and Security Lab	1
Data Structure and Complexity Lab	1
Professional Development-3-Lab	1
DE-1 Lab	1
Environmental Studies and Disaster Management Lab	0
Departmental Skill Enhancement- Course-3	2
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>23</b>

Subject	Credits
Relational Data Base management system	3
Automata Theory and Computability	4
DE-3	3
DE-4	4
DE-5	3
Professional Development-4	1
Relational Data Base management system Lab	1
DE-3 Lab	1
DE-5 Lab	1
DSEEC-4	2
Professional Development-4 Lab	1
Micro Project- 2	2
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>26</b>

Subject	Credits
Modern Machine Learning-From ensemble to Insight (For Business Intelligence)	4
DE-6	3
DE-7	4
DE-8	3
GE-3	3
Emotion and Sentiment Intelligence	4
DE-6 Lab	1
DE-8 -Lab	1
Professional skills-1	0
DSEEC-5	2
Internship-1	2
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>27</b>

Subject	Credits
Gen AI and Prompt Engineering	3
DE-9	3
DE-10	4
DE-11	4
DE-12	4
Gen AI and Prompt Engineering Lab	1
DE-9 Lab	1
Professional Skills -2	0
DSEEC -6	2
Minor Project	6
Certification Course (Non-Credit)	
<b>Total Credits</b>	<b>28</b>



SEVENTH SEMESTER

Subject	Credits
Object Detection and Segmentation	3
DE-13	3
Object Detection and Segmentation Lab	1
DE-13 Lab	1
DSEEC-7	2
Internship/OJT -2 (Industry Embedded)	12
<b>Total Credits</b>	<b>22</b>

EIGHTH SEMESTER

Subject	Credits
Industry Embedded Project work and Case studies	12
<b>Total Credits</b>	<b>12</b>

# CAREER OPPORTUNITIES

Graduates can explore roles across technology-driven businesses, consulting firms, startups, and data-centric organisations.

**FinTech Analyst**

<b>₹4-8 LPA</b> Average Salary in India	<b>14-18%</b> Role Growth Rate
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Industry Growth: Data & Analytics

**Data Analyst**

<b>₹4-7 LPA</b> Average Salary in India	<b>12-16%</b> Role Growth Rate
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Industry Growth: AI & Analytics

**Business Intelligence Executive**

<b>₹3.5-6.5 LPA</b> Average Salary in India	<b>11-14%</b> Role Growth Rate
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Industry Growth: Consulting & Enterprise Solutions

**Risk & Compliance Analyst**

<b>₹4-7 LPA</b> Average Salary in India	<b>11-14%</b> Role Growth Rate
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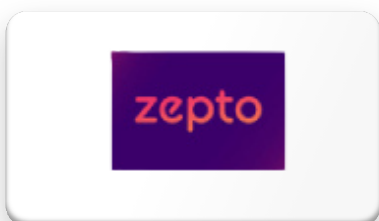
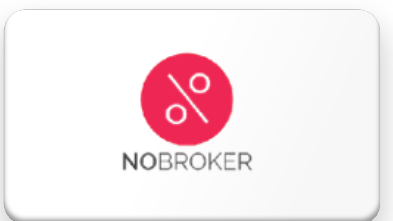
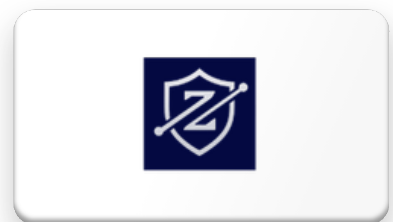
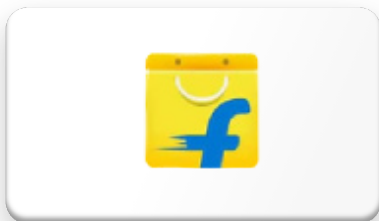
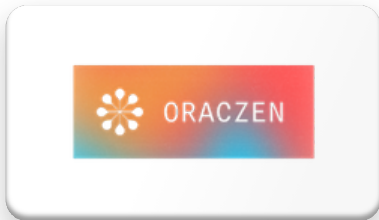
Industry Growth: AI & Analytics

**Fraud Analytics Associate**

<b>₹5-9 LPA</b> Average Salary in India	<b>15-20%</b> Role Growth Rate
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Industry Growth: Consulting & Enterprise Solutions

# INDUSTRY PARTNERS GUIDING STUDENTS THROUGH **WORK-LINKED LEARNING**



**AND MANY MORE...**

# BOOK YOUR ONE ON ONE COUNSELLING NOW:



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[www.sagebhopal-newgen.in](http://www.sagebhopal-newgen.in)



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