



B.TECH COMPUTER SCIENCE AND ENGINEERING

BUSINESS APPLICATIONS

A 4-year NewGen Campus Degree Program that prepares you to build technology solutions for business.

LEAD IN TECHNOLOGY & BUSINESS



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
— BHO PAL —

B.TECH CSE BUSINESS APPLICATIONS



4 Years



8 Semesters

SKILLS ACQUIRED



Business
Analytics



Artificial Intelligence
Fundamentals



Data Analysis &
Visualisation



Machine Learning
Applications



Technology-
Driven Strategy



Business Decision
Modelling



Problem Solving &
Critical Thinking



Research &
Analytical Methods

FEE STRUCTURE

B.Tech Computer Science and Engineering Business Applications

₹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)	
Total Credits	24

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)	
Total Credits	23

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)	
Total Credits	23

Subject	Credits
Operating System and Security	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)	
Total Credits	26

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)	
Total Credits	27

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)	
Total Credits	28



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

Total Credits

22

EIGHTH SEMESTER

Subject

Credits

Industry Embedded Project work
and Case studies

12

Total Credits

12

CAREER OPPORTUNITIES

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

FinTech Analyst

₹4-8 LPA

Average Salary
in India

14-18%

Role Growth
Rate

Industry Growth: Data & Analytics

Data Analyst

₹4-7 LPA

Average Salary
in India

12-16%

Role Growth
Rate

Industry Growth: AI & Analytics

Business Intelligence Executive

₹3.5-6.5 LPA

Average Salary
in India

11-14%

Role Growth
Rate

Industry Growth: Consulting &
Enterprise Solutions

Risk & Compliance Analyst

₹4-7 LPA

Average Salary
in India

11-14%

Role Growth
Rate

Industry Growth: AI & Analytics

Fraud Analytics Associate

₹5-9 LPA

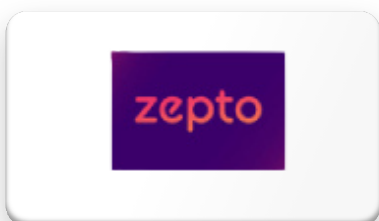
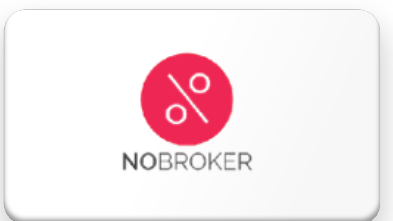
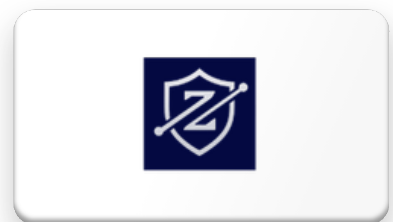
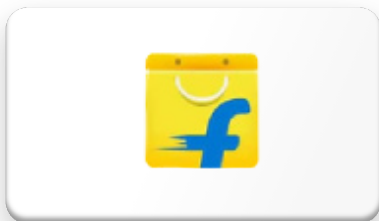
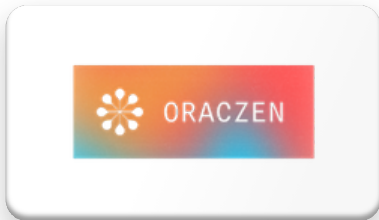
Average Salary
in India

15-20%

Role Growth
Rate

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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