DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

Where Every Line of
Code Transforms Future

ABOUT THE
DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS

INNOVATE, LEARN, CODE, LEAD THE FUTURE

At Vivekananda Global University, the Department of Conputer Science & Applications goes beyond classrooms and coding assignments we build future-ready technology professionals equipped for real-world success.

As a **NAAC A+** accredited and QS Asia ranked university, VGU stands among the leading institutions for both BCA and MCA programs in Rajasthan. Integrated EXIN certification and Red Hat certification are embedded within the curriculum, along with structured Coursera learning paths mapped to real industry roles.

Students benefit from live projects, paid internships, and hands-on lab experience, supported by strong BCA and MCA placements through 500+ recruiters Globally. Our industry-aligned curriculum, experienced faculty mentors, cloud-enabled infrastructure, and career-focused ecosystem ensure that every student graduates with confidence, competence, and clarity about their professional journey.

If you are searching for the best BCA or MCA college in Rajasthan, or a Computer Applications university that blends modern technology education with real-world application and strong career outcomes-**your journey begins at VGU.**

OUTLOOK ICARE UNIVERSITY RANKING 2025

107th | **Top Private**
BCA Institute in India

INDIA TODAY

#9th | **BCA**
College in Rajasthan

QS ASIA UNIVERSITY RANKING 2026

666th | **In Asia**
200th in South Asia
and 95th in India

Empowering students to solve real-world problems with technology, ethics, and innovation for a better tomorrow.

DEPARTMENT VISION

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

To develop competent professionals and innovators who can contribute to the global technological ecosystem and drive positive societal change

OUR VISION PILLARS

INNOVATION

Fostering creativity, critical thinking and problem-solving for real-world challenges.

GLOBAL COMPETENCE

Building industry-ready professionals with skills for a global platform.

TECHNOLOGY LEADERSHIP

Leading in emerging technologies and shaping the future.

SOCIAL IMPACT

Using technology as a force for good and driving positive societal change.

HOW WE ACHIEVE OUR VISION

- **Industry-Aligned Curriculum**
- **Hands-on Labs & Projects**
- **Internships & Live Industry Exposure**
- **Research & Innovation Culture**
- **Startup & Entrepreneurship Support**
- **Mentorship & Holistic Development**

> Our vision is not just to educate,
> but to empower students to innovate, lead, and create meaningful impact in the digital world.

DEPARTMENT MISSION

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

Empowering students with skills, innovation, and global opportunities

OUR MISSION PILLARS

INDUSTRY-ALIGNED LEARNING

Provide a dynamic, practical, and industry-relevant learning environment

RESEARCH & INNOVATION

Encourage research, creativity, and entrepreneurial mindset

SKILL DEVELOPMENT

Build strong technical knowledge and critical thinking abilities

GLOBAL READINESS

Prepare students for global careers and emerging technologies

HOW WE ACHIEVE OUR MISSION

- Industry-Aligned Curriculum
- Live projects & real-world problem solving
- Internships & industry exposure
- Industry mentorship & expert sessions
- Workshops, hackathons & skill developmet
- Research, innovation & startup incubation

> We nurture adaptable professionals capable of contributing to academia, industry, and research in a rapidly evolving technological world.

CREATING DIFFERENCE

Unique Strengths of the Department of Computer Science & Applications

OUR USP's

INDUSTRY-DRIVEN CURRICULUM

- Curriculum designed with industry collaboration
- Regular updates aligned with latest technology trends
- Real- life projects and case-based learning

STRONG INDUSTRY INTEGRATION

- Faculty and mentors from industry backgrounds
- Masterclasses and sessions by industry leaders
- Industry- embedded certifications (AWS, Azure, Google Cloud etc.)

EXPERIENTIAL LEARNING APPROACH

- Hands-on labs & simulation- based learning
- Live projects and real-world problem solving
- Specialized physical and virtual labs

GLOBAL & HOLISTIC EXPOSURE

- International immersion programs
- Multi-campus collaboration initiatives
- Personalized student portfolio development

CAREER & PLACEMENT EXCELLENCE

- Dedicated Career Development Center
- Internship and placement support
- 100% placement assistance with strong industry connect

INNOVATION & RESEARCH CULTURE

- Focus on research, innovation and startup incubation
- Opportunities for multiple internships and research projects
- Encouraging entrepreneurial mindset

TECHNOLOGY-ENABLED LEARNING

- LearningManagement System(LMS)
- Curated digital content and resources
- Coutinuous assessment and skill tracking

PARTNERSHIP & COLLABORATIONS

- Collaborations with leading tech companies and institutions
- Workshops, hackathons and skill development programs
- Training & examination partners (EXIN)

> Our approach places students at the core of the learning ecosystem, ensuring a balanced focus on academic excellence, industry immersion, and 360 degree holistic development.

KEY HIGHLIGHTS:

GLOBAL CERTIFICATIONS

EXIN 1400+

coursera 1900+

Red Hat 800+

aws 500+

in Learning 500+

OUR DPIIT REGISTERED STARTUPS

WORLD CREATOR VENTURES — PURITY IS OUR IDENTITY

REHABIONIX — REGAIN REVIVE REBUILD

inre TECH — Sustain. Solutions — PVT LTD

NEXUS OF NERDS

AAWARA

PetsGo

rekado

VGU NEXTGEN CLUBS

IMPACT NEXUS CLUB — "CONNECTING IDEAS. CREATING IMPACT."

AlumConnect Club

NEXTGEN MERGEMIND CLUB — "INNOVATE. INTEGRATE. INSPIRE."

STUDENT AMBASSADOR CLUB — "VOICE OF THE CAMPUS. FACE OF THE FUTURE."

BCA & MCA
PROGRAMS 2026

Top Computer Applications College Jaipur

75-80%
Placement Rate

6 Tracks
Specializations

55-60
Small Batch Size

BCA Bachelor of Computer Applications

3 Years | After 10+2 | Any Stream
Starting Salary: ***₹5.5–8 LPA***

MCA Master of Computer Applications

2 Years | BTech/BCA Graduate | Any Stream
Starting Salary: ***₹5.5–8 LPA***

Apply Now 2026 | Limited 40 Seats Per Batch | vgu.ac.in

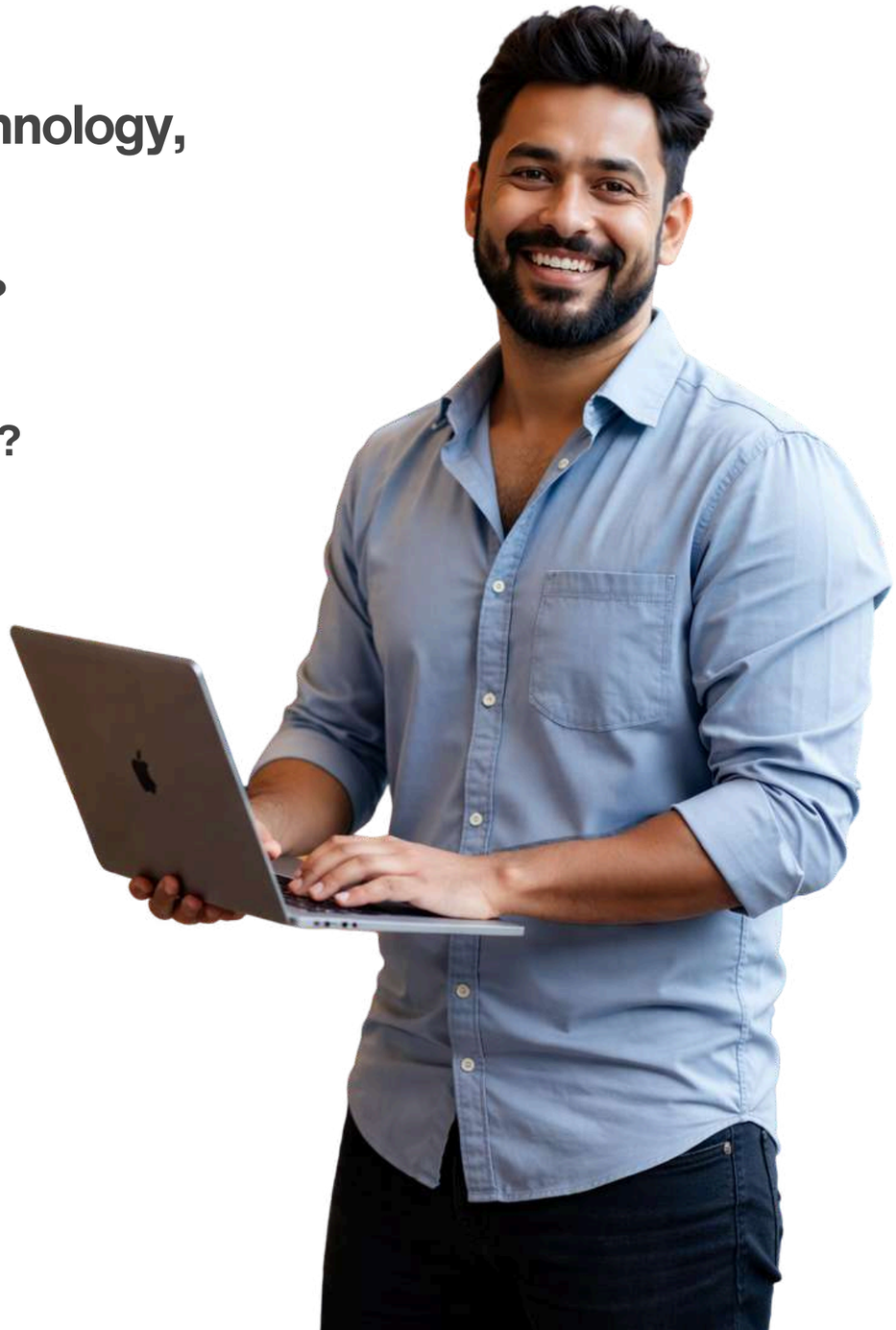
BCA & MCA
ADMISSIONS OPEN 2026

Welcome to Vivekananda Global University's BCA and MCA programs in Jaipur—recognized among the top computer applications colleges in India for 2026 admission. Our department transforms passionate learners into confident application developers, system architects, and innovation leaders. Whether you're seeking BCA admission after 12th or MCA specialization for career advancement, VGU offers India's most industry-aligned computer applications degree programs.

If you're contemplating your future in technology, you're asking the right questions:

- **Will I have skills that companies desperately want?**
- **Can I graduate with a job already in hand?**
- **Will I build real applications or just study theory?**
- **Can I launch a startup while completing my degree?**

At VGU's Computer Applications department, the answer to every question is an emphatic YES.



The Digital Application Explosion

The numbers tell a powerful story:

- **Software Market:** Projected $1.2 trillion by 2030, growing at 15.2% CAGR
- **Job Creation:** 250,000+ new IT roles annually in India alone
- **Application Demand:** Rapid adoption of Artificial Intelligence is creating massive demand for AI-powered applications, automation tools, chatbots, and intelligent software solutions, opening high-growth opportunities for developers skilled in AI integration and modern application development.
- **Salary Growth:** BCA graduates starting at ₹4.5–6 LPA; MCA graduates at ₹7–10 LPA; experienced professionals earning ₹20–50+ LPA
- **Remote Work:** 70% of application development roles support work-from-anywhere flexibility

What Makes VGU Computer Applications Different

We're not just teaching programming. We're developing application engineers—professionals who can design, build, deploy, and maintain software systems that serve millions of users, while leveraging AI technologies to create smarter, automated, and intelligent digital solutions for the future.

Our philosophy:

Building > Memorizing. Creating > Competing. Impact > Grades.

- **Curriculum That Evolves Every Semester:** Industry feedback and emerging AI trends drive constant updates
- **Real Industry Projects:** Not simulations—actual applications and AI-enabled solutions serving real users
- **Small Cohorts, Big Recognition:** 40–50 students per batch means personalized mentorship and guided AI learning exposure
- **Global Partnerships:** Microsoft, Google, Amazon, TCS, Infosys collaborations with access to modern cloud and AI ecosystems
- **Innovation Funding:** ₹2.5 crore Innovation Cell supporting startups, AI innovation, and product development
- **Specialization Freedom:** Choose your technology stack, AI domain, and career pathway—not one-size-fits-all

WHY CHOOSE VGU FOR COMPUTER APPLICATIONS?

Competitive Benchmarking: Standing Among Excellence

India's application development education landscape includes institutions like Christ University Bangalore, Lovely Professional University, Symbiosis Institute of Computer Studies, and BITS Pilani. VGU positions itself uniquely—combining rigorous curriculum with industry relevance and startup culture.

Comparison Metric	IIT/Top Govt Colleges	Premium Private Universities	VGU Advantage
Curriculum Flexibility	Rigid, updated every 3–5 years	Updated every 1–2 years	Updated every semester based on industry feedback
Batch Size	200–400 students	100–150 students	40–50 students — Personalized guidance
Industry Internships	Limited (2–3 companies)	Moderate (5–10 companies)	50+ active partners, guaranteed internship
Real Project Work	30–40% of curriculum	40–50%	60% project-based, live industry applications
Specialization Options	Restricted	Growing	6 specialization tracks, mix & match allowed
Cloud Infrastructure	Academic labs only	Basic cloud access	₹60,000 annual credits per student (AWS, Azure, GCP)
Startup Support	Research-focused	Growing ecosystem	₹2.5 crore funding, mentorship, office space
Placement Support	Resume building	Interview coaching	End-to-end career management, salary negotiation
Global Exposure	Expensive exchange programs	Some opportunities	TIE Summit, CII, Microsoft partnerships, subsidized
AI Campus Ecosystem	Limited AI integration	Selected AI labs/courses	Dedicated AI-driven campus ecosystem with AI labs, smart classrooms, AI projects, hackathons, and industry-oriented AI training
Fee Structure	₹5–8 LPA for 4 years	₹4–6 LPA	₹3.5–4 LPA, affordable quality

WHY STUDENTS CHOOSE VGU COMPUTER APPLICATIONS

For BCA Aspirants
(10+2 pass, 18–20 years old)

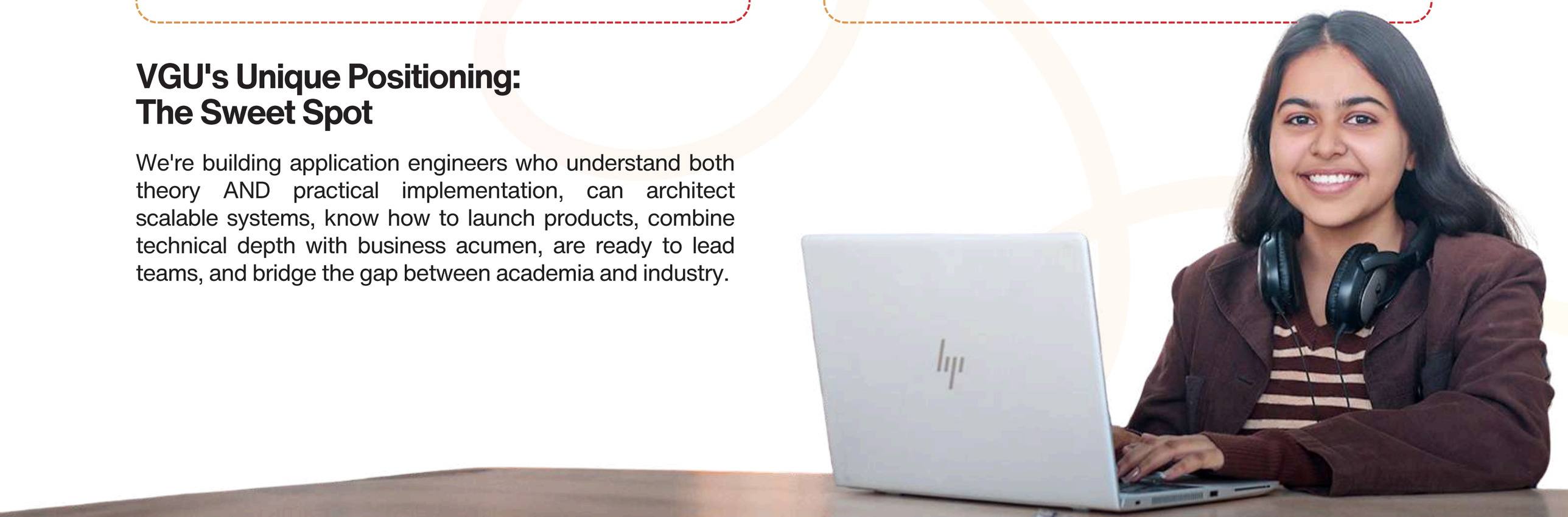
- **Practical Skill Development:** You'll code from Day 1, not wait until 2nd year
- **Affordable Excellence:** Premium education at sustainable fees
- **Faster Entry to Market:** 3-year degree means earlier entry to job market
- **Entrepreneurial Culture:** Many launch ventures during/after BCA
- **Direct MCA Pathway:** Seamless progression to advanced specialization
- **Internship Exposure:** Multiple internship opportunities with industry partners, startups, and AI-driven companies to gain real-world experience before graduation
- **Real Outcomes:** 92% placement rate, ₹5.5–8 LPA average package (2023–2025 batches)

For MCA Aspirants
(BTech, BCA Graduates, 21–23 years old)

- **Specialization Mastery:** Deep expertise in chosen domain (Data Science, Cloud, AI, Mobile, Blockchain, Web3)
- **Working Professional Friendly:** Evening and weekend batch options available
- **Research Opportunities:** Publications, patents, conference presentations
- **Senior Role Preparation:** Designed for leadership tracks, not junior roles
- **Career Transformation:** Average package jump from ₹6 LPA (pre-MCA) to ₹13 LPA (post-MCA)
- **Global Masters Bridge:** MCA as stepping stone to MS from top universities

VGU's Unique Positioning: The Sweet Spot

We're building application engineers who understand both theory AND practical implementation, can architect scalable systems, know how to launch products, combine technical depth with business acumen, are ready to lead teams, and bridge the gap between academia and industry.



PROGRAM PATHWAYS:
BCA VS MCA & YOUR CHOICE

Aspect	BCA (3 +1* Years)	MCA (2 Years)
Eligibility	10+2 pass (any stream)	BTech/BCA/MSc graduate
Age Target	18–20 at entry	21–23+ at entry
Duration	3 years (6 semesters)	2 years (4 semesters)
Total Investment	₹3.5–4 LPA	₹2.5–3 LPA
Starting Salary	₹5.5–8 LPA	₹10–15 LPA
Specialization	Foundation + 1 track	Deep specialization (1–2 tracks)
Internships	2–3 structured	1–2 + research opportunities
Best For	Building programming fundamentals	Advanced specialization & research

Your Decision Framework

Choose BCA if you...

- Are 18–20, fresh from 10+2
- Want to build from scratch
- Prefer longer technology immersion
- Haven't decided exact specialization
- Want affordable quality education
- Aim for IT roles or startup journey

Choose MCA if you...

- Have BTech/BCA degree
- Want rapid specialization (2 years)
- Target senior/specialized roles
- Have work experience to leverage
- Plan advanced studies (MS, PhD)
- Want maximum salary jump per year

Choose BCA → MCA if you...

- Want VGU credential growth (5 years total)
- Can invest ₹6–7 LPA total
- Interested in academia or research roles
- Want maximum earning potential (₹20–50+ LPA by year 5)

BCA CURRICULUM: FOUNDATION TO EXCELLENCE

The 3-Year Journey: Semester by Semester

Semester 1–2:
Programming & Logic Foundations

Core Courses

- **C Programming & Data Structures (primary language mastery)**
- **Web Fundamentals (HTML, CSS, JavaScript basics)**
- **Database Concepts (SQL, data modeling)**
- **Digital Logic & Computer Organization**
- **Mathematics for Computing (discrete structures, probability)**
- **Professional Communication & Soft Skills**

Practical Work

- **50+ coding problems solved**
- **Building 5 small projects (calculator, to-do app, simple website, data management system)**
- **Competitive programming introduction**
- **Open-source contribution assignment**

Achievement after Semester 1–2

You can code confidently. You can design, develop, and deploy real-world applications. You're ready for the next level.

Semester 3–4: Intermediate Development & Specialization Start

Core Courses

- **Object-Oriented Programming (Java/Python)**
- **Operating Systems & Systems Programming**
- **Computer Networks**
- **Web Development Advanced: React/Vue.js**
- **Database Management Systems (Advanced SQL, normalization)**
- **Specialization Track Introduction — choose one: Full-Stack Web, Mobile App, Cloud & DevOps, Data Science, Cybersecurity, or Blockchain**

Summer Industry Internship (6–8 weeks)

- **Paid position: ₹20,000–30,000 per month**
- **Real project work with industry mentorship**
- **Networking with working professionals**

Achievement after Semester 3–4

You've done your first internship. You have a production application deployed. You've decided your specialization direction.

Semester 5–6: Specialization Mastery & Advanced Projects

Track 1: Artificial Intelligence & Data Science

- **Fundamentals of AI, Machine Learning & Data Science**
- **Data Analysis using Python (NumPy, Pandas, Matplotlib)**
- **Introduction to Deep Learning & Neural Networks**
- **Data Visualization, Statistics & Predictive Analytics**
- **Capstone: Build an AI-based project (recommendation system / chatbot)**

Track 2: Cloud Computing & Cyber Security

- **Basics of Cloud Computing (AWS/Azure fundamentals)**
- **Networking Concepts & System Administration**
- **Fundamentals of Cyber Security & Ethical Hacking**
- **Data Protection, Cryptography & Secure Systems**
- **Capstone: Deploy a secure cloud-based application**

Track 3: Cloud Computing & Full Stack

- **Frontend Development (HTML, CSS, JavaScript, React basics)**
- **Backend Development (Node.js / Python basics)**
- **Database Management (SQL & NoSQL basics)**
- **Cloud Deployment & Hosting (AWS / Firebase)**
- **Capstone: Build and deploy a full-stack web application**

Second Summer Internship (8–10 weeks)

- **Paid: ₹30,000–50,000 per month**
- **Advanced technical role aligned to your specialization**
- **Possible pre-placement offer**

Semester 6 (Final): Capstone & Career Launch

Your capstone is your flagship creation—a 4–6 month project supervised by a faculty mentor. It can be a live internship at a company or an independent creation. Many become publications or patents.

Examples of Past Capstones

- **E-commerce platform with ML-based recommendations (still earning revenue)**
- **Healthcare appointment booking system (deployed in clinics)**
- **AI chatbot for customer service (integrated with WhatsApp)**
- **Blockchain-based voting system (research paper published)**
- **Cloud-native SaaS product (funded by VGU Innovation Cell)**

Achievement after Semester 5–6

You're a specialist in your chosen area. You have 2 internships, 4+ live projects. Companies want you.

BCA Learning Methodology:
60% Building
40% Learning

- **Problem-based learning: Start with real challenge, discover solution**
- **Industry case studies: How Google, Netflix, Amazon built their systems**
- **Hands-on coding 3+ days per week**
  Pair programming, code review culture, and feedback loops
- **Cloud access: ₹5,000 monthly credits per student**
- **24/7 lab access: Code at your own pace**
- **Hackathons, competitive programming, open-source contributions**

CAREER TRANSFORMATION: YEAR BY YEAR

Your 3-Year BCA Transformation Journey

YEAR 1 Foundation Building & Exploration

Month 1–3

- Arrival & Awakening — First week problem-solving bootcamp.
- Build your first app in 3 days.
- Write 500+ lines of code weekly.
- Explore all 6 specialization tracks.

Month 4–6

- First Internship (paid ₹20–30K/month) with real project work.
- Deploy live code to production servers

Asset : 5 projects on GitHub, internship experience, 1 production application.

YEAR 2 Specialization Mastery & Industry Recognition

Month 7–12

- Deep dive into specialization.
- Industry mentors guide projects.
- 4–5 significant applications in your area.
- Winning hackathons, solving complex problems.

Month 13–18

- Lead small project teams.
- Advanced specialization courses.
- Hackathon wins and networking with industry professionals.

Asset: 2 internships, 4+ portfolio projects, recognized expertise, team leadership experience.

YEAR 3 Excellence & Launch

Month 19–24

- Build your magnum opus capstone project.
- Senior internship role, possibly with job offer. Campus recruitment begins.
- Navigate multiple offers, negotiate salary.

Month 25–36

- Capstone completion. Graduation.
- Day 1 at job — ready to contribute immediately.

Asset: Complete portfolio (6–8 projects), 3 internships, ₹5.5–8 LPA job offer.

INDUSTRY PARTNERSHIPS & REAL-WORLD PROJECTS

Companies don't hire based on theoretical knowledge anymore. They hire builders, problem-solvers, and creators. Our partnerships ensure you're working on real problems for real companies.

Our Strategic Partnership Ecosystem — With Specific Outcomes

Partners	Collaboration Details	Typical Private University
Microsoft	Azure credits, mentorship programs, internship pipeline, quarterly guest lectures	Azure credits: ₹60,000/student annually | Internship pipeline: 15–20 students/year
Google	Cloud Platform access, workshops, project involvement, career connects	2 workshops per semester | 8 VGU graduates recruited in 2025
TCS	Live project collaboration, Innovation lab partnership, bulk recruitment	35+ job offers to VGU students in 2025
Flipkart	Azure credits, mentorship programs, internship pipeline, quarterly guest lectures	Pre-placement offers: 12 students (2025)
Amazon AWS	Azure credits, mentorship programs, internship pipeline, quarterly guest lectures	AWS certifications embedded in curriculum at no extra cost

The Industry-Integrated Learning Model

Semester 1-2
Industry orientation, understanding career paths

Semester 3-4
First internship, real project work, mentorship

Semester 5-6
Second internship with increased responsibility, pre-placement conversations

Semester 6-Final
Capstone project (often with company)

Real Projects You'll Develop

Example 1: E-Commerce Recommendation System (Flipkart Partnership)

Semester 3–4

- Build collaborative filtering algorithm in Python

Semester 5

- Scale to handle 100K+ users, optimize query performance

Semester 6

- Deploy on production infrastructure, monitor accuracy metrics

Outcome • Your recommendation system suggests products to real Flipkart customers

Example 2: Cloud Infrastructure Management Tool (AWS Partnership)

- Build multi-region deployment system on Kubernetes
- Deploy to AWS, handle scaling, cost optimization

Outcome • Tool used internally by startup or small enterprise

Example 3: Mobile Payment Application (Fintech Startup)

- Build Android/iOS app with payment integration
- Deploy on Play Store/App Store, handle real transactions

Outcome • App processing real payments, 1000+ users

MCA SPECIALIZATION TRACKS: ADVANCED INNOVATION

2 years. 4 semesters. 6 specialization options. One transformative journey. For professionals with Computer Science backgrounds, MCA is your accelerator. You skip fundamentals and dive deep into specialization immediately.

MCA Semester 1–2: Advanced Concepts & Specialization Foundation

- **Advanced Java/Python Programming, Database Systems Advanced**
- **Software Engineering & Architecture**
- **Research Methodology & Technical Writing**
- **Specialization Track Selection: Choose primary (80%) + secondary (20%)**
- **Summer Internship 1 (8–10 weeks): Advanced technical role with mentorship**

Track 1: Artificial Intelligence & Data Science

- **Advanced Machine Learning, NLP & Computer Vision**
- **Big Data Technologies (Hadoop, Spark)**
- **Deep Learning with TensorFlow / PyTorch**
- **Model Optimization, MLOps & AI Deployment**
- **Capstone: Industry-grade AI solution (real-world dataset)**

Career Path:

Data Scientist, ML Engineer, Analytics Engineer, AI Architect

Salary Range:

₹12–20 LPA (Year 1)

₹20–35 LPA (Year 3+)

Top Recruiters:

Google amazon SWIGGY CRED Flipkart Microsoft PhonePe

Track 2: Cloud Computing & Cyber Security

- **Advanced Cloud Architecture (AWS, Azure, GCP)**
- **DevOps, CI/CD Pipelines & Containerization (Docker, Kubernetes)**
- **Advanced Cyber Security (Pen Testing, Threat Analysis)**
- **Cloud Security, Identity & Access Management (IAM)**
- **Capstone: Secure, scalable cloud infrastructure project**

Career Path:

Cloud Architect, DevOps Engineer, SRE, Platform Engineer

Salary Range:

₹13–22 LPA (Year 1)

₹22–40 LPA (Year 3+)

Top Recruiters:

aws · Azure · accenture · Goldman Sachs · Google Cloud · cognizant

Track 3: Cloud Computing & Full Stack

- **Advanced Frontend (React, Next.js, performance optimization)**
- **Scalable Backend Systems (Microservices, APIs, GraphQL)**
- **Database Scaling, Caching & System Design**
- **Cloud-native Development & DevOps integration**
- **Capstone: Production-ready scalable SaaS application**

Career Path:

Full-Stack Engineer, Tech Lead, Engineering Manager, CTO track

Salary Range:

₹12–18 LPA (Year 1)

₹18–35 LPA (Year 3+)

Top Recruiters:

Startups · Flipkart · SWIGGY · OYO · unacademy · *EdTech companies*

CAREER TRANSFORMATION: YEAR BY YEAR

Your 2-Year MCA Transformation Journey

YEAR 1 Specialization Mastery

Month 1–6

- Intensive specialization courses (no foundational delay).
- Real projects with mentors.
- Research paper initiation.
- Industry connections, professional growth.

Month 7–12

- Senior-level technical internship.
- Research paper submission to conferences.
- Mentoring juniors, leading technical discussions.

Asset : Advanced projects, research publications, industry mentor connections, pre-placement opportunity.

YEAR 2 Expertise Crystallization & Career Launch

Month 13–18

- Final specialization courses, capstone project.
- Companies actively recruiting for senior roles.
- Multiple offers, significant salary jumps (₹10–15 LPA+ typical).

Month 19-24

- Capstone completion.
- Graduation.
- Day 1 job — ready for senior/specialized roles immediately.

Asset: ₹12–18 LPA+ job offer, senior role expertise, strong professional network.

INFRASTRUCTURE & DIGITAL RESOURCES

Advanced Computer Labs

Lab	Equipment	Key Feature
Web Development Lab	25 workstations, latest processors	24/7 access, cloud deployment stations
Mobile Development Lab	20 workstations, iOS Macs & Android machines	Device testing lab: 20+ phones & tablets
Data Science & AI Lab	15 workstations + GPU cluster	NVIDIA A100 GPUs, Jupyter, Python, R
Cloud & DevOps Lab	Kubernetes cluster (10 nodes)	AWS/Azure/GCP sandbox accounts, CI/CD
Cybersecurity Lab	Isolated network environment	Pen testing sandbox, forensics, incident response
Blockchain Lab	Multiple blockchain networks	Smart contract dev, testnet access, node ops

Cloud Computing Credits — ₹60,000 Per Student Annually

Cloud Provider | Monthly Credit | Services Included

Amazon Web Services (AWS) ***₹3,000***

- Full EC2
- RDS
- S3
- Lambda access

Google Cloud Platform (GCP) ***₹2,000***

- GCP Compute
- BigQuery
- ML Engine

Microsoft Azure ***₹2,000***

- VMs
- AppService
- Cognitive Services

Digital Ocean ***₹500***

- App Platform
- Databases

What This Means For You

You graduate with live applications running on real cloud infrastructure. AWS, Azure, and Google Cloud certifications are integrated into curriculum at no extra cost.

Libraries & Digital Resources

4,000+
technical books (latest editions)

100+ software subscriptions
(Udacity Pro, Coursera Premium, LinkedIn Learning, Pluralsight)

Research paper database
(IEEE, ACM, ArXiv full access)

Industry mentor network
(100+ professionals available)

24/7 digital resources
(online access, remote learning capability)

Collaborative Spaces

Open coding studios:
Collaborative, community vibes

Quiet focus zones:
Deep work, distraction-free

Whiteboard walls:
Collaborative ideation

Gaming/VR zone:
Sometimes learning is fun

Startup pod:
Innovation Cell offices for startup teams

ACADEMIC PROGRAMS OFFERED

Undergraduate Program

Bachelor of Computer Applications | 3 Years

- Artificial Intelligence & Data Science.
- Cloud Computing & Cyber Security
- Cloud Computing & Full Stack

Postgraduate Program

Master of Computer Applications | 2 Years

- Artificial Intelligence & Data Science.
- Cloud Computing & Cyber Security
- Cloud Computing & Full Stack

WHY VGU COMPUTER APPLICATION
IS A SMART INVESTMENT

Parameter	VGU	Typical Private University
Annual Fee	₹1.5 LPA	₹2.5–3.5 LPA
Batch Size	Small (40–60)	Large (75+)
Faculty Access	High	Limited
Curriculum Flexibility	High	Moderate
Average Starting Package	₹4–5 LPA	₹5–7 LPA
Payback Period	~2 Years	~3–4 Years

Industry-Aligned Learning

Our curriculum integrates:

- Industry-certified training modules
- Live software development & data-driven projects
- Internships with IT companies, startups, and tech organizations
- Skill development workshops, hackathons & real-world simulations

Future-Ready Skill Development

Students develop competencies in:

- Data science, artificial intelligence & machine learning
- Programming, software development & modern frameworks
- Cloud computing, DevOps & cyber security practices
- Entrepreneurship, startup incubation & product development

Outcome-Focused Career Preparation

Through advanced labs, specialization tracks, industry interaction programs, and mentorship, students are prepared for careers in:

- Software development & full-stack engineering roles
- Data science, AI & machine learning domains.
- Cloud computing & DevOps engineering
- Cyber security & ethical hacking
- IT consulting, startups & product-based companies
- Higher education, research & emerging technologies

OUR FACULTY

EXPERTS, MENTORS & INDUSTRY GUIDES

The Department of **Computer Science & Applications at Vivekananda Global University** is supported by a highly qualified, research-oriented, and experienced faculty team actively contributing to teaching, research, innovation, and industry collaboration.

Faculty Strength at a Glance

Total Faculty Members: 46

Ph.D. Qualified Faculty: 10

Average Teaching & Research Experience: 8+ years

FACULTY
PROFILES

Dr. Sukhvir Singh
Dean

Dr. Rakesh Sharma
Head Of Department

Dr. Raghvendra Patidar
Professor

Dr. Bhupendra Soni
Professor

Dr. Alok Singh Sengar
Associate Professor

Dr, Gyan Prabhakar
Associate Professor

Mr. Gajendra Shrimal
Assistnat Professor

Mr. Madhumay Sen
Assistant Professor

Dr. Manoj Tiwari
Assistant Professor

Dr. Lokesh Kr. Yadav
Assistant Professor

Dr. Yogesh Kumar Yadav
Assistant Professor

Dr. Shish Kumar Dubey
Assistant Professor

FACULTY
PROFILES

Dr. Vandana Palsaniya
Assistant Professor

Dr. Shivam Tiwari
Assistant Professor

Mr. Zahid Ahmed
Assistant Professor

Ms. Basu Kalyanwat
Assistant Professor

Ms. Savita Prabha
Assistant Professor

Ms. Aruna Verma
Assistant Professor

Mr. Ajay Choudhary
Assistant Professor

Mr. Vivek Saxena
Assistant Professor

Mr. Deepak Patil
Assistant Professor

Ms. Dipti Joshi
Assistant Professor

Ms. Tapasya Sharma
Assistant Professor

Ms Anchal Saraswat
Assistant Professor

FACULTY
PROFILES

Mr. Nitin M. Varghese
Assistant Professor

Ms. Hanisha Jethwani
Assistant Professor

Mr. Anshul Gupta
Assistant Professor

Ms. Ayushi Choudhary
Assistant Professor

Mr Dushyant Rohilla
Assistant Professor

Mr. Mukesh Tiwari
Assistant Professor

Mr. Rajanikant Upadhayay
Assistant Professor

Ms. Shraddha Singh
Assistant Professor

Mr. Shivam Guljani
Assistant Professor

Ms. Preeti Sindhu
Assistant Professor

Ms Khushi Dixit
Assistant Professor

Ms. Aarushi Kaushik
Assistant Professor

FACULTY
PROFILES

Mr. Shivanshu Gautam
Assistant Professor

Ms. Tanushree Bharti
Assistant Professor

Mr. Katib Showkat
Assistant Professor

Mr. Muzamil Riyaz
Assistant Professor

Mr. Dinesh
Assistant Professor

Mr Shubham Sharma
Assistant Professor

Mr. Rayan Bakshi
Assistant Professor

Ms. Ankita Kumari
Assistant Professor

Ms. Sneha Dattatreya
Assistant Professor

Ms. Ruchi Banarjee
Assistant Professor

FACULTY ACHIEVEMENTS (HIGHLIGHTS)

- **Strong research culture** with SCIE- indexed publications
- Active participation in **patents, funded projects, and conferences**
- Faculty involvement in **NBA & NAAC accreditation activities**
- Leadership roles in **innovation, incubation, and industry interface**

Laboratories, Innovation & National Exposure Major Laboratories

Major Laboratories

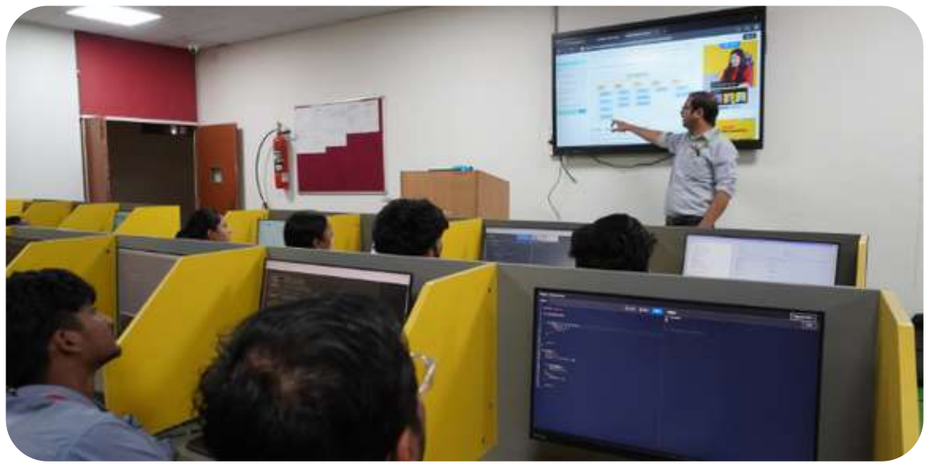
- Well-equipped core laboratories
- National-level project exhibition (NLPE)
- Hands-on learning culture
- Industry interaction, expert lectures, and outreach programs

Students graduate with ***practical competence, ethical grounding, and professional confidence.***

- AI & DS Lab is an advanced facility equipped with tools and computing resources for data analysis, machine learning, and artificial intelligence using modern libraries, frameworks, and big data technologies.

- Cloud Computing Lab is a modern infrastructure setup that enables students to design, deploy, and manage scalable applications using cloud platforms, virtualization technologies, and DevOps practices.

- Open Studio Coding Lab is a collaborative workspace designed for hands-on coding, innovation, and project development, enabling students to work on real-time applications using modern programming languages, frameworks, and version control systems.

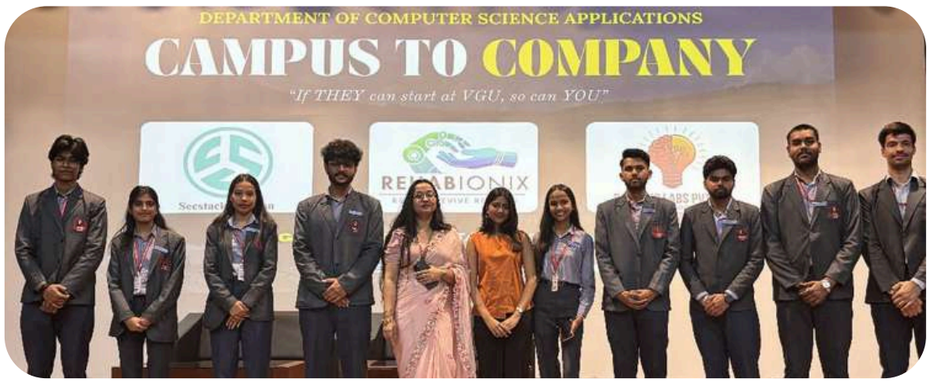


- Blockchain & Web3 Lab is a specialized facility equipped with tools and platforms for developing decentralized applications (DApps) using blockchain technologies, smart contracts, and Web3 frameworks for secure and transparent digital solutions.

- ACL (Advanced Computer Lab) is a high-performance computing facility equipped with modern systems and software tools for programming, system design, and advanced computing practices using multiple programming environments and development platforms.

Industry Interaction &
PRACTICAL EXPOSURE

The department regularly organizes expert lectures, technical sessions, career guidance programs, and industrial visits to enhance industry exposure and practical understanding. These initiatives help students stay updated with current technologies, professional practices, and future career pathways, ensuring the development of competent, skilled, and industry-ready engineers.



- The Department of Computer Science & Applications organized a “Campus to Company” session aimed at bridging the gap between academic learning and industry expectations. The event featured student entrepreneurs and achievers who shared their journeys, experiences, and insights on transitioning from campus to the corporate world. It served as an inspiring platform for students to gain practical exposure, understand career pathways, and develop a mindset for innovation and professional growth.

- The aim of this workshop is to bring together academicians, industry experts, and law enforcement professionals to discuss cyber crime, digital arrest, and the impact of Artificial Intelligence. It provides a platform to explore real-world challenges, legal aspects, and emerging opportunities in AI and cyber security, while encouraging knowledge sharing and innovative solutions.

- The Department of Computer Science and Applications organized the national-level “Meta Mind Hackathon 2025”, bringing together talented students, innovators, and tech enthusiasts from across the country. The event provided a dynamic platform for participants to showcase their problem-solving skills, creativity, and technical expertise by developing innovative solutions to real-world challenges. It fostered collaboration, innovation, and competitive learning, while encouraging students to push the boundaries of technology and entrepreneurship.

Outreach &
SOCIAL RESPONSIBILITY

The department regularly conducts outreach and social responsibility programs. These activities promote ethical values, social awareness, and holistic development, encouraging students to become responsible and socially conscious engineers & professionals.

- **Industrial Visit To RCAT:** Rajasthan Centre of Advanced Technology (RCAT) provided students with practical exposure to advanced technologies, research facilities, and real-world industrial applications.

- The visit enhanced students understanding of emerging technological trends, bridging the gap between theoretical knowledge and industry practices while inspiring innovation and technical learning.

- **Spradha Sports Event:** Spradha is the annual sports event that brings together students to showcase their athletic talent, teamwork, and competitive spirit through a variety of indoor and outdoor games.

- The event promotes physical fitness, sportsmanship, and unity, creating an energetic and engaging environment that encourages participation, leadership, and campus-wide enthusiasm.

Innovation &
NATIONAL EXPOSURE

The department annually organizes the National Level Project Exhibition (NLPE), Hackathons offering a national platform for showcasing innovative hardware models, power and automation projects, and software-based solutions. The event promotes innovation, teamwork, and practical engineering skills among students.

Consistent Growth in Placement Performance

Academic Session	Placement Outcome
2023–24	>65%
2024–25	>75%
2025–26	~75%

Salary Highlights (2025–26)

Highest Package:

₹10 LPA

Average Package:

₹4-5 LPA

Our Placement Philosophy

We believe in transparent outcomes, continuous improvement, and long-term career growth rather than inflated claims.

Students are supported to:

- **Build strong technical foundations**
- **Develop industry-ready skills**
- **Secure roles aligned with their specialization and interests**

KEY
RECRUITERS

Graduates of the Department of Computer Science & Applications have been recruited by leading organizations across software development, IT services, AI & Data science, Cloud Computing, and emerging technology sectors, including:

Tech Mahindra

Paytm

Codeyoung

K7 SOLUTION Your Faith

cyntexa.

CodeWIse

MetaBlock

KVONK TECH

PLANETSPARK

TOP
PLACEMENTS

HIMANSHU DEVKINANDAN ATRI

BCA

• *Placed at* esse HEALTH

₹14 LPA

AKSH KHANDELWAL

BCA

• *Placed at* InfraWave SOLUTIONS

₹7.20 LPA

Nitendrana Gupta

MCA

• *Placed at* Elitefactor

₹5.0 LPA

YAVI SONI

BCA

• *Placed at* cyntexa.

₹5.02 LPA

SAMBHAV JAIN

BCA

• *Placed at* SELDOM INDIA TECHNOLOGIES

₹3.60 LPA

RAVI GUPTA

BCA

• *Placed at* SELDOM INDIA TECHNOLOGIES

₹3.60 LPA

STUDENT & PARENT VOICES

The Computer Science & Applications program has been a transformative experience for my career goals. With hands-on projects, modern labs, and industry exposure, I feel confident stepping into the tech industry.

— **Ronit Bhojwani**, Final Year Student

The faculty goes beyond textbooks to ensure a deep understanding of concepts. The workshops, coding sessions, and hands-on projects helped me develop the practical skills that top tech companies look for.

— **Raghav Chandak,** 3rd Year Student

Participating in coding, AI, and software development projects significantly enhanced my problem-solving abilities. The department fosters innovation and guided me toward meaningful research and real-world applications in technology.

— **Pankaj Manhas**, 2nd Year Student

Contact Information

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