



**TRINITY INSTITUTE
OF PROFESSIONAL STUDIES**

NAAC **A**
GRADE INSTITUTE

GGSIPU **A+**
RANKED INSTITUTE

BCA BACHELOR OF COMPUTER APPLICATIONS



SCAN QR CODE
FOR WEBSITE



Admission Helpline @ **8006004620**

Legacy of Trinity Group of Institutions

Trinity Institute of Professional Studies, established under the aegis of Kamal Education Welfare Society, is a premier institution in Dwarka, Delhi, with over 20 years of academic excellence. Affiliated to Guru Gobind Singh Indraprastha University and approved by *All India Council for Technical Education, Bar Council of India*, and recognized by University Grants Commission, the institute is NAAC Grade "A" accredited and graded A+ by SFRC, Government of Delhi. TIPS offers transformative, industry-oriented education across IT, management, journalism, law, and commerce, fostering innovation, entrepreneurship, and holistic development through experienced faculty, modern pedagogy, and continuous practical exposure via workshops, internships, and industry interactions. Known for its vibrant campus life, strong placement support, and outstanding student achievements- including university

gold medals-the institute continues to shape confident, skilled, and globally competent professionals.

Vision

To develop competent, confident, and industry-ready professionals through experiential and transformative education.

Mission

- To integrate academic knowledge with real-world exposure
- To foster analytical thinking and innovation
- To nurture leadership and ethical decision-making

Core Values

- Experiential Learning
- Continuous Development
- Professional Excellence
- Student-Centric Growth

STALWARTS



Dr. R.K. Tandon
Chairman, Trinity Dwarka



Dr. Reema Tandon
Vice Chairperson, Trinity Dwarka



Ms. Saumya Tandon
Member, Management Board, Trinity Dwarka



Dr. Ashutosh Agarwal
Director, Trinity Dwarka

Programme Overview

The Bachelor of Computer Applications (BCA) programme at **Trinity Institute of Professional Studies (TIPS)**, affiliated with **GGSIPU**, is a robust 3+1-year undergraduate degree designed to transform students into high-level IT professionals. The curriculum is distinguished by its blend of core computer science-spanning **Python, Java, and Data Structures** and futuristic specializations like **Artificial Intelligence and Cyber Security**. Beyond the classroom, TIPS offers a "premier" experience through its designation as a **Nodal Centre for IIT Delhi's Virtual Labs**, giving students a significant edge in practical, simulation-based learning. The institute also takes pride in its accomplished alumni who are successfully placed in renowned organizations such as Tata Consultancy Services, Infosys, Wipro, Amazon, Microsoft, and Cognizant reflecting the Programme's strong industry connect and placement record, and making it a preferred choice for aspiring IT professionals.

Why to choose BCA at TIPS?

- **Strategic Location & Infrastructure:** Located in the heart of Dwarka, Delhi (near Sector 10 Metro), the campus features a centrally air-conditioned, Wi-Fi-enabled 9-story building equipped with state-of-the-art computer labs and post-production studios.
- **Financial & Academic Support:** TIPS provides multiple scholarship schemes for meritorious and EWS students, alongside comprehensive support for securing education loans, making a top-tier IT education accessible.
- **Holistic Professional Grooming:** Through the Eminent Lecture Series and Alumni Interactions, students receive mentorship from industry veterans, ensuring they graduate not just with a degree, but with a professional network and the "soft skills" required for corporate leadership.
- **Elite Placement Network:** Students gain direct access to a dedicated placement cell that facilitates recruitment with global giants like Amazon, Capgemini, Deloitte, TCS, Infosys, Wipro, and many more with recent packages reaching as high as ₹20 LPA.
- **Industry-Ready Skillsets:** The department stands out for its Value-Added Courses (VACs) in collaboration with industry leaders like IBM, EY, Dell, Honeywell, Salesforce and DUCAT, covering high-demand areas like AI, Data Science, and Full Stack Development, and real-world application development.
- **Strong Alumni Base:** Trinity leverages a distinguished global alumni base to bridge the gap between

academia and the corporate world. Through unique initiatives like the "Alumni Coffee Series" at Radisson and expert-led upskilling sessions in AI, ML, and Deep Learning, alumni actively mentor students on major projects and serve as judges for key competitions. This culture of continuous engagement ensures students gain a powerful professional network and real-world insights, positioning them for success in renowned organizations worldwide.

- **Startup & Innovation Culture:** Beyond traditional corporate roles, many alumni have ventured into entrepreneurship, launching tech startups and digital agencies to name a few Neo Sankalp, Pixel Potion, Dream Travellers, etc. This creates a unique ecosystem for students interested in innovation and venture capital.
- **Strong communication & personality development focus:** Trinity places special emphasis on soft skills, communication, and personality development through dedicated sessions, presentations, workshops, and counselling. This helps students build confidence, improve public speaking, and prepare for interviews and professional environments.
- **Leadership grooming:** Trinity encourages students to take leadership roles through:
 - Student-run clubs and societies
 - Event management and team activities
 - Entrepreneurship initiatives (IIC Cell)

This helps in developing leadership, teamwork, and decision-making skills.

Eligibility Criteria

- Candidates must have passed **10+2 or equivalent** from a recognized board (CBSE or any equivalent board).
- Minimum **50% in 4 best** including English and (Maths or CS/IP) is required in 12th examination.
- **English (Core/Elective/Functional)** must be a passed subject in 12th.
- Must have studied **Mathematics / Computer Science / Informatics Practices / Computer Applications** at 10+2 level.
- Admission is based on **CET (Common Entrance Test) / CUET merit** as applicable.
- Final admission is through Management Quota or is subject to **university counselling and seat allocation process** under Guru Gobind Singh Indraprastha University.

The Innovation Ecosystem: Clubs & Societies at Trinity

Our student-led organizations are more than extracurriculars; they are professional incubators designed to mirror the corporate world. Through a culture of **collaboration, research, and technical excellence**, students transition from academic learners to industry leaders.

Alfa Coding Club: The Developer Hub

Where Theory Meets Deployment. Alfa is the premier programming club of BCA, functioning as a professional incubator for future software architects. We bridge the gap between traditional logic and the frontier of AI.

- **Modern Tech Stack:** Specialized sessions in Prompt Engineering and Generative AI (GenAI), empowering students to build AI-driven applications and optimize the development lifecycle.
- **Core Domains:** Full-Stack Development, Data Structures & Algorithms (DSA), and Open Source.
- **Cross-Disciplinary Technical Leadership:** Conducted specialized Website Development Training Sessions tailored for Journalism students, empowering them to build modern digital portfolios and understand content management architectures.

Key Achievements:

- Designed the Trinity Fiesta website- A portal to register for the fest
- Deep Learning models for Brain Tumor Detection, custom AI Chatbots and many more
- Built bespoke Google Chrome Extensions for enhanced productivity.

Outcome: Graduates possess a "future-proof" portfolio, combining traditional coding mastery with cutting-edge AI expertise.



APEX: Society of Design & Visual Excellence
"Where Passion Finds Purpose."

"Where Passion Finds Purpose."

APEX (Animators, Professionalism, Editors eXcellence) is the official creative powerhouse of TIPS. Functioning as a full-service internal design agency, APEX is responsible for the visual narrative of the institution, specializing in the intersection of high-end aesthetics and technical precision.

- **Graphic Design:** Video Editing, UI/UX Design, 3D Modeling, and Strategic Social Media Management.

- **The Flagship Role:** APEX serves as the primary creative director for all institutional milestones, most notably the Trinity Fiesta, where the team manages the complete branding lifecycle- from conceptual posters, rule book, presentations and seamless user experiences.
- **The Creative Backbone:** Beyond fests, APEX manages the visual identity and presentation excellence for CS & IT departmental initiatives, including:
- **Academic Events:** Designing professional collateral for Guest Lectures, Webinars, Seminars, and Inter-college Competitions.

Outcome: Students undergo a transformation from creative hobbyists to industry-ready designers. By operating under real-world deadlines and brand guidelines, members master the "Corporate Design Mindset," preparing them for roles in top-tier creative agencies and tech firms.

Arclight Blogging Club: The Editorial Voice

The vibrant community for creative thinkers and technical communicators.

Focus Domains: Content Strategy, Technical Documentation, Public Speaking, and Digital Journalism.

Key Milestones (Cross-Functional Collaboration):

- Acted as the technical writers for Alfa, articulating the developmental steps for their Chrome extensions.
- Authored deep-dive technical blogs for Cyber Knight, translating complex security prototypes (like the W-iFi Jammer) into engaging, educational content.

Outcome: Empowers students with the ability to articulate complex ideas, ensuring they become influential communicators in an information-driven economy.



Cyber Knight: The Security & Defense Wing

Defending the Digital Frontier. Forged by vigilant tech students, Cyber Knight is the center for cybersecurity excellence. We focus on protecting systems and restoring trust in an era of digital threats.

- **Key Specializations:** Ethical Hacking, Network Security, and Threat Intelligence.
- **Key Achievement:** Developed functional security prototypes-including Wi-Fi Jammers, Key-loggers, Encryption Algorithms, and many more for controlled educational simulations.
- **Professional Edge:** A significant cohort of members are Certified Ethical Hackers (CEH), holding global industry credentials.
- **Community Impact:** Beyond technical development, Cyber Knight actively promotes cybersecurity awareness through interactive sessions and workshops conducted for Schools/ NGOs/ College students/ College housekeeping and support staff

Outcome: Graduates are trained "Digital Defenders" prepared for careers in cybersecurity with a deep commitment to ethical integrity.



Fact Smith: The Research & Academic Innovation

Transforming Ideas into Impact. Fact Smith is the Research Cell of the CS & IT Department. It is the intellectual engine of the department, fostering a culture of rigorous analytical inquiry and academic contribution.

- **The Research Seminar Series:** A flagship initiative that trains students in literature review, methodology, and technical writing.
- **Academic Milestones:** Conducted Ideascape where 30+ innovative conceptual project ideas were submitted by participants.

- Significant student contributions to the Trinity Tech Review (TTR), our exclusive online journal.
- Successful publication and presentation of student research papers in National/ International Journals and Technical Conferences.

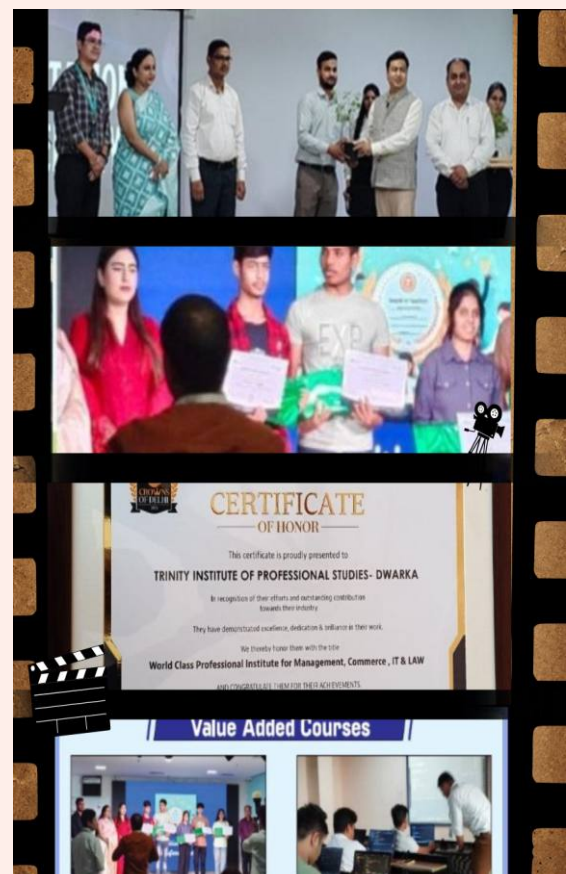
Outcome: Cultivates a "Research-First" mindset, enabling students to graduate as published authors and scholars.

Departmental Highlights: Upskilling & Showcasing Excellence



Value Added Course and Projects- The Department of CS & IT offers industry-driven Value-Added Courses in partnership with leading organizations such as IBM, Dell Technologies, Honeywell, and Ernst & Young (EY), supported by MoUs with ICT Academy, Anudip Foundation, Learning Links Foundation, Uptoskills and many more. These programs strengthen student expertise in high-demand areas including AI, Full Stack Development, Data Analytics, Prompt Engineering, and Advanced Excel, etc. through flexible learning formats.

Top-performing capstone projects are showcased at major platforms such as the IBM India CSR Annual Summit, Anudip's AI India Pre-Summit, and the Women in AI initiative by Dell Technologies. Our girl students also presented innovative AI projects at the Women in AI programme by Dell Technologies, reinforcing TIPS Dwarka's focus on empowering women through real industry exposure.



- Industrial Visits** -Industrial visits serve as a transformative bridge between academic theory and professional practice for students in the CS & IT department. By partnering with industry leaders such as DUCAT, Network Bulls, and Appwars Technologies, the program provides deep dives into specialized domains like Artificial Intelligence, Cyber Security, and Full Stack Development. Furthermore, the curriculum extends beyond the laboratory; field visits to Amrit Udyan and the Okhla Bird Sanctuary are strategically planned for first-year students to integrate Environmental Studies (EVS) with practical field observation. These experiences are designed to cultivate a comprehensive professional identity, ensuring students are not only technically proficient but also socially and environmentally conscious.
 
- Industry Expert Session** - The industry expert session in the Department of CS & IT serves as a strategic catalyst for professional development, providing students with direct access to elite industry expertise. By hosting distinguished leaders such as Mr. Anup Girdhar (CEO, Sedulity Solutions & Technologies), Mr. Atul Jadon (Executive Engineer, BHEL), and Mr. Ayush Batra (Project Manager), the department bridges the gap between academic theory and real-world application. These sessions offer deep dives into critical domains including Cyber Security, Industrial Automation, and Agile Project Management, ensuring students understand the complexities of the modern IT landscape. Through this continuous engagement with veterans from organizations like BHEL and Cyber Times, students gain the technical foresight and professional mentorship necessary to transition seamlessly into high-impact careers in the global technology sector.
 



Industry Expert Sessions

- Trinity Fiesta**- It is the flagship annual fest of the college, celebrating creativity, innovation, and technical excellence. It serves as a vibrant platform where students showcase their talents through a blend of technical and cultural events. The fest features activities such as coding competitions, tech quizzes, project exhibitions, gaming contests, cyber heist, cultural performances, and team-based challenges. It encourages students to apply their knowledge, think critically, and collaborate effectively. Trinity Fiesta not only enhances technical and organizational skills but also fosters leadership, confidence, and team spirit. It brings together students, faculty, and industry experts, creating an engaging environment of learning and celebration.
 
- Departmental Publication Ecosystem:** Bridging the gap between academia and the tech industry. The department has Trinity Tech Review, bi-annual, Online Research Journal. TTR is a peer-reviewed digital platform dedicated to scholarly contributions in cutting-edge computing. It publishes original research papers, case studies, and critical reviews focusing on major shifts in technology like computer vision, machine learning models, and the evolving landscape of cyber laws and digital security.
 
- Trinity Tech Talks:** Voice of Trinity- It highlights campus technical achievements, student club innovations, expert guest lectures, and upcoming departmental milestones.

Integrated Teaching Methodology

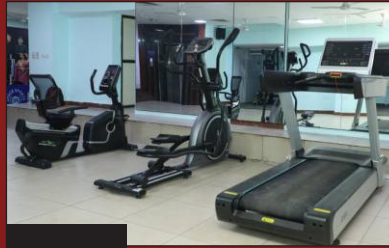
Our pedagogy bridges the gap between theory and professional mastery through three core pillars:

- Applied Learning** - Lectures are reinforced with live program demonstrations, allowing students to witness theoretical logic applied in real-time execution.
 
- Dual-Track Certification:** We integrate online courses for every subject, ensuring continuous skill upgradation and a strengthened resume. Students graduate with both their degree and specialized industry certifications.
 
- Active Communication:** Mandatory student presentations in every subject transform learners into confident communicators, preparing them to articulate complex topics with professional ease.

Infrastructure and Facilities



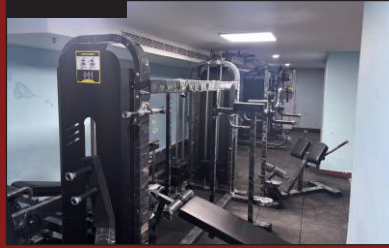
LIBRARY



GYM



CLASSROOM



COMPUTER LAB 2



COMPUTER LAB 1



TABLE TENNIS



CAFETERIAS

The institution provides a well-equipped academic environment that supports technology-enabled and research-oriented learning.

Facilities include:

- Modern, centrally air-conditioned 8-floor campus designed for a comfortable learning environment.
- ICT-enabled classrooms with projectors and smart panels
- Advanced computer labs equipped with the latest software for hands-on practical learning.

- Fully automated library integrated with DELNET and KOHA for easy access to extensive academic resources.
- Plagiarism-check facilities available to support student research and project work.
- Campus secured with CCTV surveillance for enhanced safety and security.
- Well-equipped gym and indoor sports facilities including Carrom, Chess, and Table Tennis.
- Two canteens and a Nescafé outlet available for student convenience and refreshments.

Fee Structure & Scholarships

The fee structure for the Bachelor of Computer Applications programme is designed in accordance with the norms prescribed by Guru Gobind Singh Indraprastha University (GGSIU) and regulatory authorities, ensuring transparency and academic value.

Scan QR for the Fee Details given below:



Mode of Payment

- Online payment via institute portal
- Demand Draft in favour of *Trinity Institute of Professional Studies, New Delhi*

Scholarships & Financial Support

Trinity Institute of Professional Studies actively promotes inclusive education by offering:

- Merit-based scholarships for academic excellence
- Financial assistance schemes for deserving candidates
- Institutional guidance for education loans (HDFC tie-up available)

These initiatives ensure that financial constraints do not hinder access to quality education.

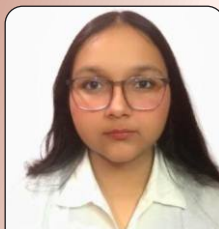
OUR TOPPERS



SAKSHAM GARG
2023-26 (Shift 1)
9.85 CGPA



GUNJAN JOSHI
2023-26 (Shift 2)
10.0 CGPA



ANANYA SHARMA
2024-27 (Shift 1)
9.38 CGPA



SEHAJ SINGH
2024-27 (Shift 2)
9.67 CGPA



BHUMI GARG
2025-28 (Shift 1)
9.23 CGPA



TRISHA
2025-28 (Shift 2)
9.34 CGPA

Placement Excellence & Career Success

The Placement Readiness Framework

- **Saturday Assessment Series:** Mandatory weekly online examinations simulating MNC exam patterns. Tests cover Core Programming (C, C++, Java, Python), OS, Networking, DBMS, and Logical Aptitude.
- **Soft Skills Mastery:** Dedicated modules for Extempore and Public Speaking to cultivate articulate leaders and confident communicators.
- **Corporate Simulation:** Structured Group Discussions (GD) and Mock Technical/HR Interviews designed to mirror the recruitment cycles of global tech giants.
- **Portfolio-Driven Success:** We assist students in transforming their club projects (from Alfa, Cyber Knight, and APEX) into Industry-Standard GitHub profiles and high-impact resumes.

PACKAGE

20 LPA
HIGHEST PACKAGE

4.5 LPA
AVERAGE PACKAGE

PROMINENT RECRUITERS



OUR STAR ALUMNI



ALUMNI ENGAGEMENT & PROFESSIONAL INTEGRATION

We leverage our robust alumni network to bridge the gap between classroom learning and industry reality through several high-impact initiatives:

- **Stay connected through Alma Connect:** The institute has also adopted platforms like Alma Connect, to strengthen alumni relations and maintain continuous engagement with former students worldwide.
- **Mentorship & Judging:** Alumni actively serve as project mentors for final-year students and expert judges for campus competitions, providing critical real-world feedback.
- **Knowledge Sharing:** Through our Alumni Interaction Series and Online Value-Added Courses, graduates return to teach specialized, industry-relevant skills.
- **The Coffee Series:** Held at Radisson Blu, these premium networking sessions facilitate intimate, high-level dialogues between students and distinguished former graduates.



TRINITY INSTITUTE OF PROFESSIONAL STUDIES

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