



“Engineers like to solve problems. If there are no problems handily available, they will create their own problems.” – Scott Adams



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## GET IN TOUCH!



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Hoshiarpur Road, Phagwara,  
Punjab 144401 (INDIA)



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Landline: 01824-504999  
Mobile: +91-9876200089



[admissions@gnauniversity.edu.in](mailto:admissions@gnauniversity.edu.in)

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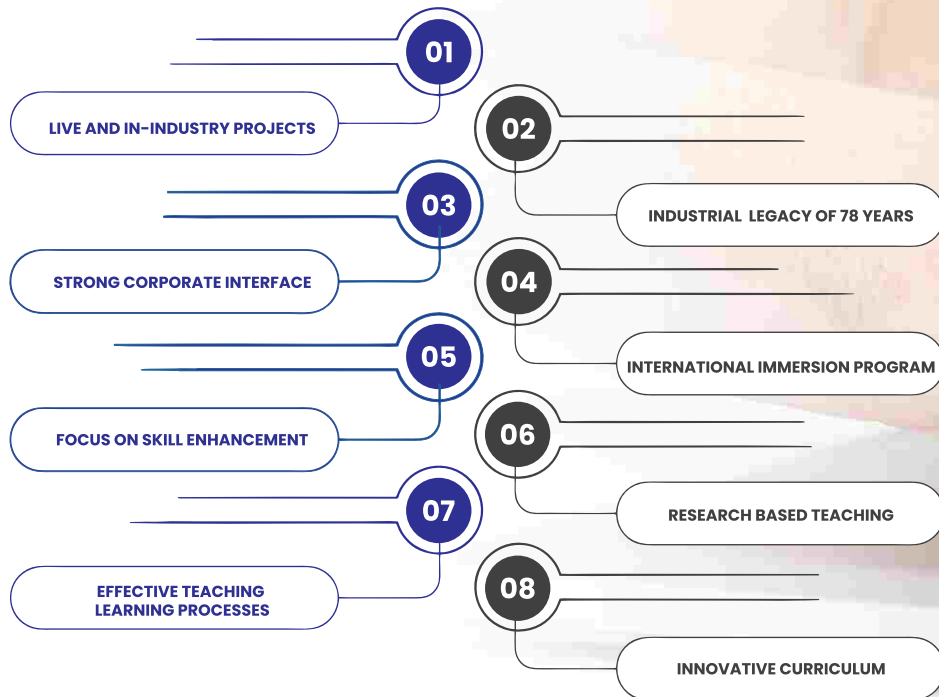
**SCHOOL OF  
COMPUTATIONAL SCIENCES**

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

## ABOUT GNA UNIVERSITY

GNA Gears Limited is one of the companies of GNA Group & GNA university is promoted by GNA Gears. GNA University is a private, co-educational university in North India. The university is a hub for rigorous and multitudinous courses to a diverse community of students, setting a benchmark and making a brand name in the vicinity and around the areas. The University aims to improve the quality of life through eclectic blend of science, technology and humanities for innovative solutions to real life problems. The University is engaged in imparting, creating, preserving and propagating knowledge in the global context.

## OUR LEGACY





## FROM THE DEAN'S DESK

It is my privilege to share my views from the Dean's chair. With the aim of improving the preparedness of faculty to meet global expectations, a series of mentoring sessions and interactive workshops with several revered foreign university professors were organized. Despite the challenges involved, we successfully developed sustainable plans and methodologies while also navigating the difficulties associated with time zone differences across the globe. We have been striving to organize mentoring sessions professionally designed for faculties to not only enhance their ability to perform high quality research but also to foster creativity, innovation and entrepreneurship among students. It is mandatory for us to make our education system outcome-based. As such, we are committed to ensure the highest quality assurance standards for implementing in our engineering programmes in global context. We aim to generate groomed learners through our carefully designed unique techniques which are poised to enrich their technical knowledge, skills and attitude to make them globally competent in terms of employment and entrepreneurship.

Our efforts in student development reflects through the outstanding performance of our students in campus placements and in various prestigious industries. Based on our students' active participation in technical and programming contests, and with their internships in reputed R&D industries and universities in India and abroad, we wish them best in their industry careers.

**Dr. Vikrant Sharma**  
Dean, School of Computational Sciences



## FROM THE HOD'S DESK

School of Computational Science at GNA University takes a vision of developing next-generation IT professionals, who can take up corporate problems effectively. The department provides cutting-edge education ranging from the expertise in traditional software development to modern computing technologies such as Cyber Security, Cloud Computing, Data Analytics and many more. Our fully equipped labs, industry-aligned curriculum, and accreditations give our students a unique edge over the others.

Our department provides the students ability to serve in the competitive and corporate world in the fields like Information Technology, Project Management, Information System, ERP, E-Business etc. We develop a problem solving attitude in our students by providing them hands-on-practice for every course via skill enhancement courses such as Linux Administration, Mobile Application Development, Digital Marketing, etc.

We encourage our students to grow as effective team players with a strong set of ethics, communication skills and zeal to outshine in the global arena. Students are encouraged to coordinate, plan and conduct various co-curricular activities and extra-curricular activities through which they inculcate managerial and leadership skills. A continuous assessment is done to evaluate the student progress through a well formed and approved evaluation and feedback system.

**Dr. Hitesh Marwaha**  
Head of Department

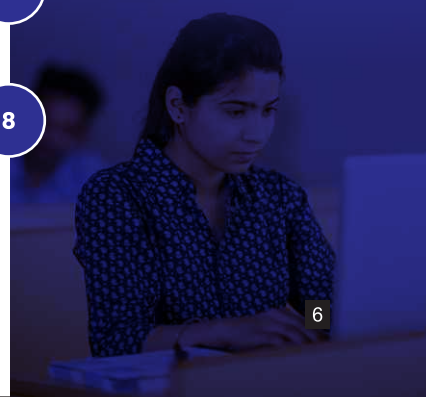
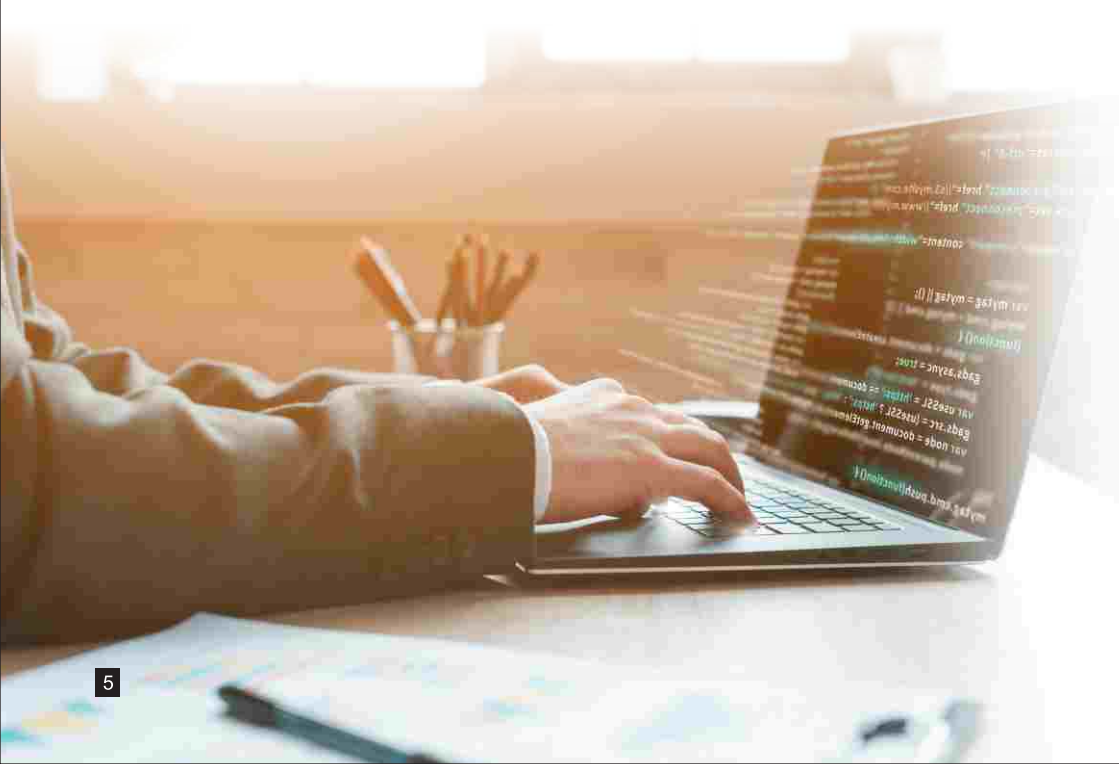
## SCHOOL OF COMPUTATIONAL SCIENCES

Computer Science is one of the most lucrative fields in today's world that is versatile, dynamic, and progressive at a fast pace. The school of Computational Science (SCS) at GNA University, came into existence in the year 2014 to prepare the "Genre of Techies for Tomorrow". SCS provides a unique learning environment, with up-to-date academics and high-quality research to develop a deep understanding of the subject. The curriculum is specially formulated to address new challenges in advanced computing, Artificial Intelligence, Cloud Computing, Cyber security, big data, advanced algorithms, systems architecture, advanced computer networking, Ethical Hacking and Digital Marketing.

The school of computational Science strives to achieve excellent standards of quality education by keeping pace with rapidly changing technologies and helping students create computer professionals of global standards. SCS has an in-built Industrial training module, a thriving research environment, state-of-the-art labs, and accommodating smart teaching at both graduate and post-graduate levels. SCS ensures an environment that helps students to become both 'business-savvy' and 'tech-savvy'. All degree programs under this department at GNA University are combinations of highly paid and exciting careers.

## WHY SCHOOL OF COMPUTATIONAL SCIENCES

- 1 **Excellent Academia Industry interface**
- 2 **Corporate Relation Division for providing assistance on Trainings and Placements**
- 3 **Corporate exposure and live projects**
- 4 **Emphasis on making students Industry ready**
- 5 **Real life intensive practical Training and workshops**
- 6 **Exposure to the latest and emerging Trends in the Market and Economy**
- 7 **MOU with global industries for student Exchange program**
- 8 **Virtual Simulation techniques for running business**





# OUR » VISION AND MISSION

## VISION

- To develop the skilled computer and IT professionals meeting global requirements of IT industry.

## MISSION

- To provide state-of-the-art infrastructure and conducive environment for budding IT professionals.
- To establish strong industry-academia relationship to enhance the technical skills of the students and make them readily employable.
- To provide exposure to the emerging and established tools and technology in the field of computer applications.
- To develop curriculum in accordance with industry requirements.

## PROGRAMS OFFERED

- MCA (MASTER OF COMPUTER APPLICATIONS)
- BCA (BACHELOR OF COMPUTER APPLICATIONS)
- B.Sc IT (INFORMATION TECHNOLOGY)
- B.Sc DMSN (DIGITAL MARKETING & SOCIAL NETWORKS)
- DIPLOMA IN DIGITAL MARKETING & SOCIAL NETWORKS
- DIPLOMA IN CYBER SECURITY



## MCA (MASTER OF COMPUTER APPLICATIONS)

**Eligibility** - BCA/ B.Sc IT/ B.Com/ Graduation with Mathematics at 10+2/ UG Level | **Duration** - 2 years

The Master of Computer Applications program offered by GNA University is a computer applications course that is designed to meet the demand of qualified professionals in the IT field. It is intended to satisfy the developing need for qualified experts in the field of Information Technology. If you have that bent of mind where you want to build your career in any specialized areas like Cloud Computing, Cyber Security, Big Data, Artificial Intelligence, or Mobile Applications development then enrolling in the school of computational Science program will be a phenomenal thought. A master's in computer science will guarantee you a splendid future and an amazingly fulfilling vocation. This department is aiming to start forefront inquire about exercises in different fields like Artificial Intelligence, IoT, Cyber Security, and some more related to the IT field.

### CAREER PATHWAY

- Software Programmer
- Cloud Architect
- Software Consultant
- Application Developer
- Quality Assurance Analyst
- Project Manager
- Web Designer
- Data Scientist
- Network Engineer

## BCA (BACHELOR OF COMPUTER APPLICATIONS)

**Eligibility** - 10+2 (Any Stream) | **Duration** -3 years

At the undergraduate level, the Bachelor of Computer applications aims at incorporating essential skills in the students to make them competent enough for the software industry. We at GNA University in BCA program provide a deep understanding of subjects and a different pedagogy is followed in the computer science and information technology discipline. The highly experienced school of computational science at GU ensures that BCA advantages students with the right kind of skills and opportunities to make a flourishing career in the field of computers and technology. The study period of BCA includes programming in C, C++, JAVA, Python, HTML & CSS, Networking, Data Structure, Database Management, Mathematics, and software Engineering which make students compatible in the competitive world of software. We offers specialisation such as Cyber Security & AI/ML.

### CAREER PATHWAY

- Computer Programmer
- Business Analyst
- Web design and Development Specialist
- Computer Support Service Specialist
- Computer Systems Analyst
- Database Administrator
- Software Developer
- Android App Developer
- Embedded System Specialist
- System Engineer

## B.Sc (INFORMATION TECHNOLOGY)

**Eligibility** - 10+2 (Any Stream) | **Duration** -3 years

School of Computational Science offers a three-year complete professional program in B.Sc. IT endeavors to impart to the students the fundamental skillset and Competencies. With the increasing dependency on the software industry, it aims to explore essential skills as demanded by the global software industry. The program at GU is specially designed for aspiring computer graduates to strengthen and amplify their innovative thinking skills through self-directed learning. The program has been strategically designed in such a way that it nourishes students with the necessary analytical and communication skills besides inculcating the virtues of self-study. The B. Sc.IT program at GNA University is rigorous and focused on providing hands-on experience in the software development process with an integrated approach toward teaching, learning, and applying technology in the real world.

### CAREER PATHWAY

- Computer system analyst
- Network administrator
- Computer programmer
- Software Developer
- Software Trainer
- MIS Executive
- Mobile app developer
- Software Tester

## B.SC (DIGITAL MARKETING & SOCIAL NETWORKS)

**Eligibility** - 10+2 any stream | **Duration** -3 years

Digital Marketing is a newly emerging and rapidly growing field in today's world. It is regarded as the new way of advertising and marketing. Digital Marketing program will teach you how to become an effective digital marketer with an inbound-first mindset. This three-year degree program will provide insight into the various digital marketing disciplines like search engine optimization, pay-per-click, social media marketing, mobile marketing, email marketing, and so on. With this program, you will develop a detailed understanding of critical areas of the digital media spectrum. Upon the completion of this program, you will be a graduate in digital marketing as a specialization.

### CAREER PATHWAY

- Digital marketing Executive
- SEO Executive
- Link Building Specialist
- Content Writer
- Social Media Manager
- Project Manager
- Social Media Specialist
- Web Analyst

## DIPLOMA IN DIGITAL MARKETING & SOCIAL NETWORKS

Eligibility - 10+2 (Any Stream) | Duration - 2 years

Digital Marketing is a newly emerging and rapidly growing field in today's world. It is regarded as the new way of advertising and marketing. The Digital Marketing program will teach you how to become an effective digital marketer with an inbound-first mindset. The Diploma in digital marketing and social networks provided by GNA University is an integrated two-year program that gains insight into the various digital marketing disciplines like search engine optimization, pay-per-click, social media marketing, mobile marketing, email marketing, and so on. With this program, you will develop a detailed understanding of key areas of the digital media spectrum. Upon the completion of this program, you will be a certified digital marketing specialist.

### CAREER PATHWAY

- Digital marketing Executive
- SEO Executive
- Social Media Specialist
- Digital Marketer
- Google Ads Specialist
- Online reputation executive
- Content Writer

## DIPLOMA IN CYBER SECURITY

Eligibility - 10+2 (Any Stream) | Duration - 2 years

Cyber Security is becoming one of the finest options in all organizations. Due to the rapidly increasing cyber-attacks across the globe, organizations are searching for specialists who can help them in handling the same. To begin a career, we at GNA University are offering a two-year diploma program in cyber security to meet the growing needs and specialized knowledge in all aspects of cyber security. The program is formulated to provide students the full-fledge knowledge of cybercrime and security theoretically as well as practically. Cyber security is a field that involves defending against cybercrime, espionage, sabotage on the internet and networks for a number of different reasons. Students will study subjects such as cyber security, ethical hacking, kali linux, penetration testing, malware & taxonomy analysis. After doing this diploma you are enabled for multiple career prospectus that works in a dynamic world of cyber security.

### CAREER PATHWAY

- Security Architect
- Forensic Computer Analyst
- IT Security consultant
- IT Security Engineer

Under NEP, Student can exit from any Degree after 1st Year or 2nd Year and He/She will earn certificate or Diploma in the enrolled program respectively

## OUR KNOWLEDGE PARTNERS



## OUR PROMINENT RECRUITERS



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and many more...



# OUR INDUSTRIAL VISITS



SEBIZ | MOHALI



GNA GEARS | Mehtiana



Kochar Business Park | AMRITSAR



Huawei Technologies | Gurgaon



Cogneesol | MOHALI



Solitaire Infosys | MOHALI



ACTIVE MEMBER OF 'COMPUTER SOCIETY OF INDIA(CSI)'

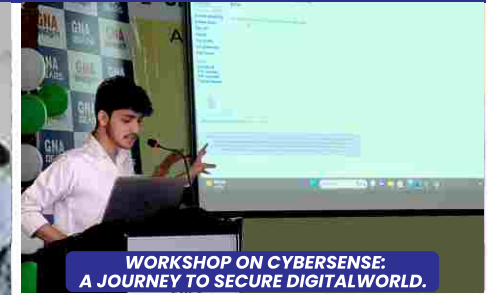
**Computer Society of India™**

Since 1965

# GLIMPSES OF COMPUTATIONAL SCIENCE



WORKSHOP ON ANDROID DEVELOPMENT



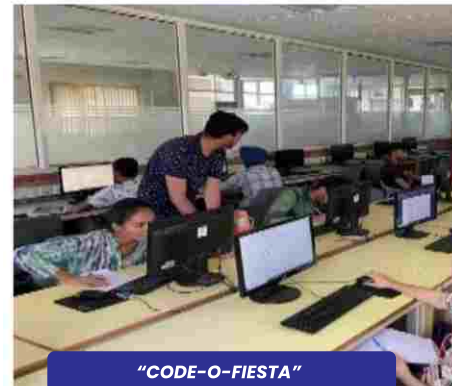
WORKSHOP ON CYBERSENSE:  
A JOURNEY TO SECURE DIGITAL WORLD.



WORKSHOP ON INTERNATIONAL DIGITAL  
BUSINESS DEVELOPMENT



FACULTY DEVELOPMENT PROGRAM ON  
MACHINE LEARNING FOR COMPUTER VISION



"CODE-O-FIESTA"



EXPERT TALK BY DR. HARISH GAUTAM  
ON "GENAI AND SERP"



# SOME OF OUR STAR PLACEMENTS



**Isha**  
Rajinns



**Gagan Kumar**  
fuenix




**Jaspreet Singh**  
ADAIRED



**Ajit kumar Shukla**  
A



**Harpreet kaur**  
wipro



**Yashmeet**  
wipro



**Dheeraj Arora**  
altruistacademy



**Babita**  
Infosys



**Simran Bhatia**  
WIPRO




**Preeti Kumari**  
CONNECT BROADBAND



**Shubham chopra**  
ADAIRED



**Nandini Patil**  
ANIRIFOX




**Sarvjit Kaur**  
GSI



**Suman**  
Infosys



**Nirmal Kumar**  
HCL



**Mohit Sharma**  
HCL



**Anjali Kumari**  
Alp




**Kanika Sharma**  
TCS



**Navdeep Kaur**  
Alp



**Jasleen Kaur MBA**  
TCS



**Babandeep**  
wipro



**Dimpy**  
Wipro



**Lakhvir Kaur**  
wipro



**Gurleen Kaur**  
amazon



**Anumeet**  
Sparsh




**Sumanpreet**  
wipro



**Vishal Rana**  
TCS




**Dipika Makkar**  
TCS



**Harleen**  
KOC



**Sandeep Kaur**  
wipro



**Pooja**  
Wipro



**Daljit Kaur**  
Alphanumeric ideas



**Tarun Arora**  
E3-Council



**Harsimran**  
Infosys




**Nitin**  
wipro



**Rupali**  
TCS




**Jasleen Cheema**  
TCS



**Ialita Rani**  
wipro



**Pawan Anand**  
Covintus

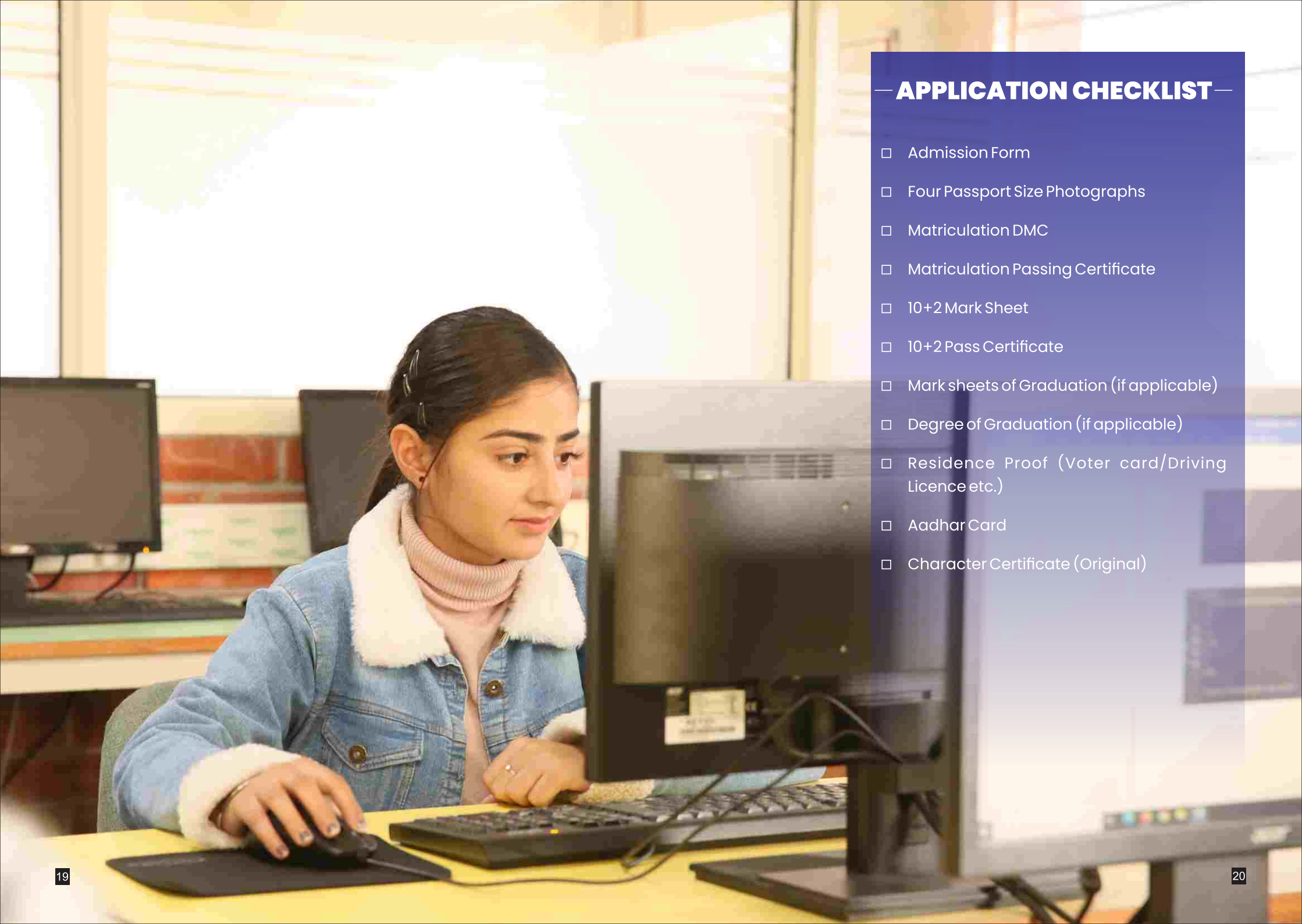


**Megha Mehra**  
GOT MINDS

## —ADMISSION PROCESS—

- Fill in the Application Form only if you satisfy yourself about your eligibility for admission in the Program.
- If you have appeared in a qualifying examination and the result there of is awaited, you can apply provisionally to go through the admission process, subject to fulfillment to the eligibility criteria.
- The Application Form has to be filled in your own handwriting in black/blue ink and undertaking is to be signed by the applicant only.
- The instructions in the Application Form are self-explanatory. Kindly adhere to them strictly.
- It is mandatory to provide your e-mail address (clearly) and contact number as it will be used by the Admission office for any further communication.
- University/Board Marks filled in the Application Form will be considered for all procedures related to the admission. Any discrepancy found during the original document verification will result in the cancellation of the admission.





## — APPLICATION CHECKLIST —

- Admission Form
- Four Passport Size Photographs
- Matriculation DMC
- Matriculation Passing Certificate
- 10+2 Mark Sheet
- 10+2 Pass Certificate
- Mark sheets of Graduation (if applicable)
- Degree of Graduation (if applicable)
- Residence Proof (Voter card/Driving Licence etc.)
- Aadhar Card
- Character Certificate (Original)



## FINANCIAL ASSISTANCE



Refundable Security Fee: ₹5000/-  
in first Semester only  
Hostel Fee: ₹45,000/- Per Semester

Avail Education Loan  
Helpline Number:  
+91-8558894203



*SCHOLARSHIP SLABS FOR SESSION 2024-25					
SCHOLARSHIP	UG				PG
	QUALIFYING EXAMINATION STREAM- ARTS / COMMERCE / OTHERS	QUALIFICATION EXAMINATION STREAM - NON-MEDICAL (MARKS OBTAINED IN PHYSICS, CHEMISTRY, MATHEMATICS WILL BE CONSIDERED FOR SCHOLARSHIP)	QUALIFICATION EXAMINATION STREAM - MEDICAL (MARKS OBTAINED IN PHYSICS, CHEMISTRY, BIOLOGY WILL BE CONSIDERED) FOR SCHOLARSHIP		ALL PG COURSES
	QUALIFYING EXAMINATION MARKS	JEE (MAIN) RANK	QUALIFYING EXAMINATION MARKS	QUALIFYING EXAMINATION MARKS	MBA - CAT / XAT / MAT
45 % of tuition fee	> 90%	300000 to 400000	> 90%	> 90%	Percentile more than 98 to 97
35 % of tuition fee	> 81% to 90%	400000 to 500000	> 81% to 90%	> 81% to 90%	Percentile more than 95 to 96
25 % of tuition fee	> 72% to 81%	500000 to 600000	> 72% to 81%	> 72% to 81%	Percentile more than 90 to 94.99
15 % of tuition fee	63% to 72%	>600000	63% to 72%	63% to 72%	Percentile more than 85 to 89.99

\*Student can avail one scholarship at one point of time during the course of study

S.No	Programs offered	Level	Eligibility with 50% marks (45% for SC/ST)	Tuition Fee
1.	DCS (Diploma in Cyber Security)*	Diploma	10+2 Any Stream	₹38,000
2.	DDMSN (Diploma in Digital Marketing and Social Networks)*	Diploma	10+2 Any Stream	₹38,000
3.	MCA (Master of Computer Applications)	Postgraduate	B.Sc Computer Science/IT/BCA	₹54,000
4.	B.Sc DMSN (B.Sc - Digital Marketing and Social Networks)	Undergraduate 3 Years	10+2 Any Stream	₹40,500
5.	B.Sc IT (B.Sc - Information Technology)	Undergraduate 3 Years	10+2 Any Stream	₹40,500
7.	BCA (Bachelor of Computer Applications)	Undergraduate 3 Years	10+2 Any Stream	₹43,000

### GIRL CHILD SCHOLARSHIP\*

Single Girl Child / only girl siblings

15% of tuition fee

\*If student is not eligible for meritorious scholarship, then above category of scholarship will be applicable.

### CORPORATE EMPLOYEE SCHOLARSHIP\* (in First Semester only)

Corporate Employee

additional 5% of tuition fee

GNA Employee

### SIBLING SCHOLARSHIP\*

Sibling Scholarship

additional 5% of tuition fee

### SPORTS SCHOLARSHIP\*

Sports Scholarship

as per Sports Policy

