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University with Highest NAAC A+ (3.46 Scoring) in India

GLA UNIVERSITY, MATHURA ONLINE MODE

Bachelor of Computer Applications

(UGC Entitled)

About GLA University

"I like the dreams of the future better than the history of the past."
- Thomas Jefferson

It was the year 1991 Shri Narayan Das Agrawal decided to fulfil the dream of his father, Late Shri Ganeshi Lal Agrawal, of establishing an institute for quality education to the people and the region & beyond. and initiated Sri Jagannath Prasad Ganeshi Lal Bazaz Charitable Trust Samiti in an attempt to make the holy city Mathura a recognized destination for knowledge seekers from different spheres of life. This is what

led to the foundation of a milestone at the karmabhoomi of the versatile and sagacious Lord Krishna. GLA University has been actively involved with social causes since its very inception and has drawn

appreciation from one and all for its works in various facets of societal paradigms.





We are truly proud that today, the GLA Institutes that were started as a tribute to Shri Ganeshi Lal Agarwal, are now recognized as a University. It is a privilege to have ensured that our primary goal, of meeting the educational needs of students in the region is fulfilled to the best of our abilities. In the process, we have discovered that for our students, over and beyond infrastructure facilities and the teaching methodologies it is the environment that makes them comfortable during the time they spend here. To that extent, special efforts have been made to provide such an enabling environment. Be it a value system that reflects the best of the values from the region, to a diet that is both familiar and healthy to a vast majority of them.

We provide great significance to interactive learning and two-communication processes, thereby making the learning environment sincere and responsive. With teachers who are acknowledged experts in their field, it is an environment that combines the best of pedagogy with an encouragement to ask, be curious. Today, when the work environment demands a lot more beyond just knowledge and marks, a lot of emphasis is laid on the overall personality development of the students so as to foster in them the necessary drive and confidence to meet the demands and challenges of the modern world.

Helping us achieve this are our state-of-the-art infrastructure, picturesque & inspiring setting and devoted team of faculty-members and administrators. The learning ambience at all the constituting Institutions is perfectly suited for all-round growth and academic excellence.

Today, the university has a proud record of evolving efficient, confident and highly knowledgeable technocrats, managers, pharmacists and entrepreneurs with global thinking and futuristic mind-set that will contribute to nation building with a strong adherence to corporate ethics.

A key part of the learning experience is what students do beyond their classrooms. Keeping this in mind, the hostel facilities in the University premises have been designed with utmost care and attention so that the students can feel secure and at ease. The idea is to ensure that our students are provided with every facility they could possibly require, to fulfill their potential and develop an attitude to life that will serve them for their life beyond the boundaries of GLA University.

"I invite you to prepare yourself for the opportunities of the new millennium at our institute, with its mix of academic offerings and qualifications in established as well as emerging areas. Today, in our seventeenth year, I feel we have learnt well to provide an optimum mix of competitive academic inputs, open mindedness and learner-focused set up.

It is, therefore, very essential that you choose a program, which meets your aptitude, capability and capacity.

You will find a warm welcome at GLA University if you seek your personal and professional development"



Prof. D. S. Chauhan
Pro Chancellor

In the last decade or so a number of technical institutions have been set up across the country and these institutions are producing a large number of professionals every year. However, going by the results of many surveys I have come across, only 25% of the graduates are employable. With an increasing number of students depending on MNCs abroad for their jobs, there is a need to produce good quality professionals who are at par with their counterparts in other countries.

We at GLA right from inception, are striving to produce good quality professionals who are not just at par but even surpass their counterparts in other countries. This is very well reflected in the 100% placement record we have had till now (70% on campus and 30% off campus)

I cannot emphasize enough how important it is for a young mind to choose the right institution and the field of study for a successful career. By field of study I do not refer to the fields where employability is high, but to those where one's interest lies. We are committed to building the future of our students. We tirelessly work towards building the skills-set, knowledge and intellect of our students.

We offer a variety of undergraduate courses like B.Tech, B.Pharm, BBA, BBA(Hons.) BCA, BA(Hons.), B. Com(Hons.), B. Com LLB, B.Ed, B.Sc. Biotechnology and postgraduate courses like, MCA, MBA, M Pharm and M Tech. MA, M.Sc., We refine our students with modern, state-of-the-art resources and experienced and energetic faculty-members.

About GLA University

"A lot of emphasis is laid on the overall personality development of the students so as to foster in them the necessary drive and confidence....."

"I offer opportunities for the ever aspiring and talented youth with an urge to acquire professional education in the conventional and newly emerging areas. Today, when we are 20 years old, I believe GLA provide enough competitive academic inputs, open mindedness and learner-focused set up. It is, therefore, very essential that you choose a program, which meets your aptitude, capability and capacity. I invite you to become a part of our vibrant culture and become a professional partner in laying sound foundation for the corporate world and the nation as a whole."

We are truly proud that today, the GLA Institutes that were started as a tribute to Shri Ganeshi Lal Agarwal, are now recognized as a University. It is a privilege to have ensured that our primary goal, of meeting the educational needs of students in the region is fulfilled to the best of our abilities. In the process, we have discovered that for our students, over and beyond infrastructure facilities and the teaching methodologies it is the environment that makes them comfortable during the time they spend here. To that extent, special efforts have been made to provide such an enabling environment. Be it a value system that reflects the best of the values from the region, to a diet that is both familiar and healthy to a vast.



Prof. Phalguni Gupta
Vice Chancellor



Dr. Anup Kumar GuptaPro Vice Chancellor

Dr. Anup Kumar Gupta has been associated with GLA since its inception in 1998 and has been decisively instrumental in the establishment of the University in 2010, and thereafter in the successful introduction of so many new courses and degree programs at regular intervals. Having completed his M.A., M.Phil. and Ph.D in English, and MBA, Dr. Gupta did his Executive MBA from IIT Bombay in 2012. He was the overall topper of the Batch. His keen interest as

educator took him to Michigan State University, USA to earn graduate degree in Higher Education Administration. Six students have done their Ph. D under his guidance.

Computer savvy and well networked; Dr. Gupta has effective communication and presentation skills. He is proactive in solving problems. He understands national, international and crosscultural sensitivities. He has expert interviewing skills in hiring of personnel at higher level. Having complete knowledge of rules and regulations related to AICTE, UGC, NIRF, NAAC, etc. helps him in organizational development at national level. With his continuous involvement and participation at international seminars and conferences he is instrumental in signing of MOUs with other international universities.



Mr. Neeraj Agrawal CEO, GLA University, Mathura

"I cannot emphasize enough how important it is for a young mind to choose the right institution and the field of study for a successful career. By field of study I do not refer to the fields where employability is high, but to those where one's interest lies. We at GLA Online through our UGC Approved online programmes committed to building the future of our students. We tirelessly work towards building the skills-set, knowledge and intellect of our learners".



Mr. Vivek Agrawal CFO, GLA University, Mathura

"We are truly proud that today, the GLA Institutes that were started as a tribute to Shri Ganeshi Lal Agarwal, have come this far in the sector of education. GLA Online is our step forward towards delivering world class education to all the learners on their fingertips. Each course at GLA Online is a well designed course with the drive to build the leaders of tomorrow".

About GLA University

Success belongs solely to those who are willing to work harder than anyone else. This applies to everyone and people in all domains, the students, naturally, are no exceptions. Those who work harder than others, accomplish higher results than others.

Creativity, innovation and initiation are the hallmark of GLA University an it hat has been dedicated to the modernization of education in this region for the past 20 years. Our University has been serving the individuals of different states of the country and producing skilful, efficient and confident professionals for the real world. Our primary objective is to instil a way of discipline in our students so that they attain success in their career. We encourage them to participate in numerous sports as well as cultural activities to nurture their hidden talents in a surrounding that's contributive to their physical, mental and psychological growth; and help them understand their ambitions through perseverance and sensible work. We facilitate their young minds become assertive not solely in their skilled career but also in their personal life so they positively subscribe to the development of the nation.

Special care is taken in imparting necessary knowledge for their all-round development because, now a day, degrees alone don't work when it involves facing the cut-throat competition in the industry. Our students are not mere rote-learners but they're learners with high technical acumen in addition to refined soft skills. They have proved their courageousness in the past, and I am certain, will scale new heights in the years to come. Numerous initiatives of the management, relentless persistence of the faculty and overwhelming response of our vibrant students in the extra-curricular activities have yielded immensely positive results. I am sure, this university will keep enlightening young talents in the years to come and our exuberant and dynamic students can keep spreading the rays of their wisdom, knowledge, professionalism and ethics in all walks of life and set new standards for others to follow.



Mr. Ashok Kumar Singh

Registrar

Prof. (Dr.) Diwakar Bhardwaj
Director (CDOE)
GLA University, Mathura

Our journey together in the realm of education is one that reflects the changing landscape of learning. We understand that you have chosen the path of online education to pursue your dreams, and we are here to support you every step of the way.

In today's world, access to quality education is not bound by geographical constraints. CDOE at GLA University is committed to providing you with an enriched learning experience, bridging the gap between physical and virtual classrooms. Our courses are meticulously designed to offer the same depth and excellence in education as our on-campus UG & PG programs. I encourage you to approach your education with dedication and enthusiasm.

Our faculty members and support staff are here to assist you in your academic journey. Our resources, both digital and human, are at your disposal.

Remember, education is not a destination; it's a lifelong journey. Every assignment, every lesson, and every interaction adds to your knowledge, skills, and personal growth. As you embark on this educational adventure, I want you to know that our team is dedicated to ensuring that your experience at CDOE is fulfilling, enriching, and empowering. Feel free to reach out if you have questions, concerns, or suggestions. Your feedback is invaluable to us.

I have full faith in your ability to excel in your chosen fields, and I am excited to witness your accomplishments. As you pursue your dreams through CDOE at GLA University, remember that the knowledge and skills you gain here will empower you to make a significant impact on your life and the world.

Wishing you an incredible journey filled with knowledge, growth, and success.

About BCA

The Six semester Online BCA programme exposes students to industry and domain specialisations to match their passion. "Career by Choice" is the programme goal. CIFA (Co-Creation, Innovation, Focus, Alignment) model develops top-notch degrees.

INNOVATION:

Students learn, apply, and mentor in the customised integrated industrial programme. The rapidly expanding global primary sector's needs are introduced to students.



Industry and domain specialisations match students' passion in the programme. "Career by Choice" is the programme goal.

ALIGNMENT:

Regional, International and programme specific talents ensure maximum ROE and lifelong learning.



Students seeking business knowledge, skills, and industry exposure should enrol in the programme.

Educating future professionals with a six semester undergraduate degree. Career-minded students should enrol.

This programme rigorously covers industry-relevant topics to help students find a job and succeed as entrepreneurs or employment. This programme is based on best practices and industry-relevant skills.

Industry and International business school experts work with regulators, certification providers, and technology partners to create programmes. Industry experts teach this advanced programme.

Your Internship will help you build a network of industry insiders, gain valuable work experience, explore career options, gain a competitive edge in the *job market*, and learn specific teaching-learning methods before applying them.



• Fresher/Professional, 12th class passed out learners who are aspiring to becoming "Specialists" in their preferred industries.

Learning



Basic to Advance

Learning Access



Online Mode

Duration



Six Semester

Pedagogy



Online and Offline both case-based pedagogy. The learner can access the live sessions through the technology Platform.

Programme Fee: BCA - Online

Programme	Frequency	Fee
*BCA- Tuition Fee + Examination Fee (Option A)	Annual	30,000
*BCA- Tuition Fee + Examination Fee (Option B)	Semester	15,750
Registration Fee (Non-Refundable)	One Time	1,000
Alumni Fee	One Time	1,000

^{*} In Option A - Examination Fee of Rs. 3000/- per year is included.

^{*} In Option B - Examination Fee of Rs. 1500/- per semester is included.



12th pass aspiring students should apply.

An Online BCA with industry integration and sector specialisation is best for careers.

Day one, professionally prepared.

International academic partners.

Features
of the
Programme

Learn industry tools.

Learn advanced skills.

Access to job boards, resume creation, mock interviews, aptitude and soft skill training, and a rigorous career development programme.

Use a planned mentorship programme with a well-known method.

Join future leaders as GLA University alumni.

How do students execute practical?

The course will include real-world business problems.

Students must apply conceptual knowledge from online lectures and relevant learning to meet objectives and solve problems.

The practical will also help students draw conclusions and apply problem-solving knowledge.

Introduce industry-leading management skills and tools.

Learn with data and communication.

Use management functional areas and domains to make decisions and solve problems.

Programme Outcomes

Awakened minds with business "Career by Choice" skills.

Introduce industry-leading management skills

and tools.

Learn data and communication.

Use management functional areas and domains to make decisions and solve problems.

Why GLA Online Edge - BCA?



University UG Degree:

You'll get a degree from a top Indian university.

Certification Content from MOOC courses:

The curriculum will match leading academic institutions and certification partners.

Social Immersion Project:

You'll learn outside the classroom. Group action learning projects will teach you how administrative decisions affect society and daily life. You will develop solutions to improve our community.

Industry Project:

Industrial projects will be mentored in the programme's final year.

Faculties:

Faculties with Global University Pedigree.

Career Outcomes



Graduate from
GLA University
and meet people
from around the world.

Resume writing, practice interviews, career planning, skill development, and industry connections.

Personal development coaching from industry mentors. Online and Offline
events and
networking with
GLA University alums,
peers, and
industry mentors.

Why GLA Online? Continuous Mentorship Program Industry Oriented Social Certificate Training Courses Industry Assured Training Career **Transition** Academic Industry Learning Learning Career Transformation Group Industry & Projects & Program GLA Domain Corporate On Presentations Degree Specialization Training Job Guest Training Lectures Alumni Certification by Industry Group Stalwarts Career Peer **Transformation** Group Simulation Setup Social Learning Online Social Platform **Immersion** Access Projects Industry Visit



UGC Entitled Programme

Strong product portfolio

Industry partner integration

Curriculum, aligned with Certifications

Technology specialist with domain understanding

Job-focused learning path

Recognised industry tools

Our Delivery Framework

Four quadrant approach model

First-hand programming practical using latest tools

Excellent feature of Online programming platform

Real-world case studies

Alumni networking & knowledge sharing

Multi-delivery Model

Resume Building

Personalised guidance from industry experts to build the proper resume, cover letter, and 30-seconds video introduction using industry best practices highlighting achievements, relevant skills, and experiences for the target job.

Mock Interview

One-on-one practical and behavioural mock interviews with a career coach to assess job interview readiness for the targeted organisation and role. The mock interview and career coach feedback help candidates identify and improve their weaknesses.

Career Planning

Access industry expert advice on hiring trends, skills analysis, and creating a positive, relevant, career-focused career action plan. Analyse your skills, strengths, career ownership and accountability to find the right path.









Our scientific career management approach helps people identify their values and drivers, set career goals, create a step-by-step plan, and find relevant services. We provide these career-building services.

Job Search Support

A dedicated Job Search Consultant for each candidate to help them understand their profiles, preferences, and skill matrix.

Listing potential employers and recruitment consultants and sharing skill matrices.

Candidate opportunities in the industry. Potential employers share skill matrices, and profile shortlists.

Interview follow-up with recruiters and employers.



Programme Curriculum

SEMESTER 1 -

- Programming Logic Using 'C'
- · Fundamentals of Computer and IT
- Fundamentals of Internet Programming
- · Remedial English
- Mathematics –I

PRACTICALS

- Programming Lab
- Information Technology Lab
- · Soft Skills I
- · Internet Programming Lab

SEMESTER 3

- Fundamentals of Machine Learning
- Computer Organization & Architecture
- Introduction to Python
- · Environmental Studies

PRACTICALS

- Effective Communication and Personality Development
- Machine Learning Using Python Lab
- · Python Programming Lab
- Soft Skills III

SEMESTER 5

- Web Technology
- Design and Analysis of Algorithms
- Programming in Advanced Java
- · Digital Marketing & Transformation

PRACTICALS

- · Web Technology Lab
- · Digital Marketing & Transformation Lab
- Advanced Java Lab
- · Mini Project -II
- · Soft Skills V

SEMESTER 2 -

- Data Structures using 'C'
- Fundamental of Database Management System
- · Fundamentals of Operating Systems
- Management Concepts & Practices
- Mathematics –II

PRACTICALS

- Data Structures using 'C' Lab
- Database Management System Lab
- Operating System Lab
- · English in Practice
- Soft Skills II
- · English in Practice
- Field Project

SEMESTER 4 -

- GUI based Programming Using Visual Basic
- Computer Networks & Communication
- Programming in JAVA
- Optimization Methods
- · Ethics & Values
- · System Design & Software Engineering

PRACTICALS

- Mini Project 1
- Professional Communication & Behavioral Grooming
- Programming in Java Lab
- Visual Basic Programming Lab
- Soft Skills IV

SEMESTER 6 -

- .Net Framework using VB.Net
- Introduction to Cloud Computing

PRACTICALS

- VB.Net Programming Lab
- · Major Project



Assessment & Assignments



Unit level MCQs



Unit level Q&A



Unit level Exercises/ assignments



Course level Assignments



Viva-Voce



Capstone Project

Admission Process STEP-1: Registration on the website https://online.gla.ac.in/, registration process will start after clicking on "Apply Now" and then choose Online campus on form, complete the registration form and proceed to next step. STEP-2: 02 **E-mail Verification** STEP-3: **Registration Form Filling** 03 (I) Personal Details (II) Parents Details (III) Residential Details STEP-4: Pay Registration Fee STEP-5: 05 **Registration Form** (I) ABC (Academic Bank of Credits) ID (II) Educational Details STEP-6: **Upload Documents** STEP-7: **Declaration**

STEP-8:
Admission Fee Payment







33,000+



650+
Faculty Members from Global Institutions



15,000+ Students Enrolled in Different Courses

Our Corporate Alliances

We empower your career with strong industry connections in diverse domains.























Accredited with \bigcirc Grade by NAAC

12-B Status from UGC