



2025



Department of Biotechnology

GLA University, Mathura, Uttar Pradesh - 281406



GLA R & D recognized by
SIRO Govt. of India, New Delhi



NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL

Accredited with 'A+' Grade

Rank No.

3 in UP*

Amongst Top
Survey 2022 by
Engineering Institutes





Learning Outcomes

72.0% Placements & Higher Studies

39.8% Qualified
NET / SLET / GATE / GMAT etc.



Highest Package at M.Sc. Level - 4.90 Lakh



Off Campus Highest Package - 6.5 Lakh



Narendra Singh
at



Highest Package at B.Sc. Level - 4.32 Lakh

Our internationally acclaimed Scientists & Professors

Prof. Shoor Vir Singh

Head of Department,
Principal Scientist & Head, (Retd)
Dept. of Animal Health,
ICAR_CIRG, Mathura



Our Faculty : The Departmental Pillars

1	Prof. Anoop Kumar Gupta	Director	M. Phil. English, Ph.D.	English
2	Prof. Shoor Vir Singh	Head of the Department	M.V.Sc. and Ph.D.	Veterinary Microbiology
3	Dr. Anjana Goel	Professor & Associate Head	M.Sc, CSIR-JRF, and Ph.D.	Animal Cell Culture & Medicinal Plants
4	Dr. Vishal Khandelwal	Associate Professor	M.Sc, CSIR-NET, and Ph.D.	Medicinal Plants & Immunomodulators
5	Dr. Alok Bhardawaj	Associate Professor	M.Sc. and Ph. D.	Environmental Microbiology
6	Dr. Pradeep Kumar Choudhary	Associate Professor	M.Tech., CSIR-NET, Ph.D.	Plant Biotechnology
7	Dr. Anuja Mishra	Assistant Professor	M.Tech and Ph. D.	Computational Biology
8	Dr. Saurabh Gupta	Assistant Professor Research	M.Sc. and Ph. D.	Microbial Genomics
9	Dr. Anukool Vaishnav	Assistant Professor	M.Sc, CSIR-NET, Ph.D. Post Doc.	Plant-soil-Microbe Interaction
10	Dr. Maya Datt Joshi	Assistant Professor	M.Sc, Ph. D. and Post Doc.	Cancer Biology
11	Dr. Himanshu Gupta	Assistant Professor	M.Sc, Ph. D. and Post Doc.	Biotechnology & Infectious Diseases
12	Dr. Ruhi Sikka	Assistant Professor	M.Sc, Ph. D. and Post Doc.	Human Genetics
13	Dr. Sarmistha Saha	Assistant Professor	M.Sc, Ph. D. and Post Doc.	Nanoscale Materials
14	Dr. Rishikesh Shukla	Assistant Professor	M.Sc, Ph. D. and Post Doc.	Molecular Biology
15	Dr. Arjun Chauhan	Assistant Professor	M.Sc, CSIR-NET and Ph. D.	Plant Biotechnology
16	Dr. Swaroop Kumar Pandey	Assistant Professor Research	M.Sc., Ph. D. and Post Doc..	Cancer Biology
17	Dr. Sukhendra Singh	Assistant Professor	M.Tech and Ph. D.	Bioprocess & Biochemical Engineering
18	Dr. Jyoti Gupta	Assistant Professor Research	M.Sc., Ph. D. and Post Doc.	Virology
19	Dr. Suhas Tikole	Assistant Professor	M.Sc., Ph. D. and Post Doc.	NMR Spectroscopy

Career Opportunities

Scientists / Researcher
(Public / Private sector)

Bio-entrepreneurs /
Self employed professionals

Lecturers / Professors
(Universities / Colleges)

Reproductive & Regenerative Biotechnology
IVF technology, Stem-cell therapy & Banking

Food Processing Industry,
Nutraceuticals & Health products industry,
Food safety & Quality

Consultant : (Public Health, Pandemics / Epidemics,
Zoonotic diseases, Quality control, Community health
& Hygiene & Waste management, Environment,
Agriculture, Pharma, Biotech Product etc.)



Biotechnologist / Microbiologist / Epidemiologist / Molecular Biologist
professionals (Public, Private and Self- employment sector): ICMR, ICAR,
CSIR, DST, DBT)

Genetic Engineering, Gene Analyst, Gene Editors,
Gene Manipulators.



Bio-informatics,
Big Data analysis,
Comparative
genomics analysis

Pharma & Bio-process Engineering /
QC Manager



Scientific Writers, Medical Transcripts,
Public Health Awareness Campaigners



Product Specialists
(Diagnostic kits & reagents/Vaccines/ Plants
based therapeutic products)

Medical or laboratory Equipment, Clinical trial experts

Why Choose Department of Biotechnology, GLA University

- Have a chance to join research projects sponsored by Govt. agencies
- Govt. funded projects worth of some 4.6 crores.
- 100% Faculties are Ph.D. from well recognized Research Institutes
- Well established labs for hands on training with advanced instruments like: Biosafety cabinet II, MGIT-TB system, Plant Growth Chamber RT-PCR, Fermenter, ELISA etc.
- Career oriented course curriculum to become industry ready
- Research environment to promote vision in the field of Biotechnology
- Professional nurturing to become entrepreneur
- Department have collaboration with several renowned institutes. Students have options to choose any institute for pursuing their research projects.
- Department students consistently scored 65% placements in Biotech Companies every year.

Ultrasonicator



RT-PCR



MGITforTB Culture

Fermentor



Bio Safety Cabinet II



Study Options

Course	Eligibility	Academic Fee	Web Link	Scholarship
B. Tech. Bio technology	Passed 10+2 examination with Chemistry and Mathematics/ Biology as compulsory subjects along with Physics/ Computer Science. With at least 50% marks in the above subjects, taken together and 50% Marks overall.	94,000 per academic semester OR 1,85,000 per academic year	https://www.gla.ac.in/courses/graduate/btech-biotechnology	On the basis of PCB/M marks 95 - 100 - 75,000 90 - 94.99 - 50,000 80 - 89.99 - 25,000
B. Tech. Bio technology Lateral Entry	Passed a minimum 3-year OR 2-year (Lateral Entry) Diploma examination with at least 50% marks, recognized by the Board of Technical Education/University OR B.Sc. (PCM) with minimum 60% marks. Or B. Sc. (Biotech/ Microbiology/Life Science) with 60% marks OR B.Tech 1 st Year in the available stream with a minimum of 60% marks, subject to approval from the Equivalence committee for admission from an external university/college.	92,000 per academic semester OR 1,81,000 per academic year	https://www.gla.ac.in/courses/graduate/btech-biotechnology	
B.Sc. Biotech/ B. Sc. Biotech Hons./By Research	Passed 10+2 examination with Physics, Chemistry and Biology / Math Biotechnology with at least 50% marks.	56,500 per academic semester OR `1,10,000 per academic year	https://www.gla.ac.in/courses/graduate/bsc-hons-bio-tech	
M. Sc. Biotechnology M.Sc. Microbiology & Immunology	Passed B.Sc. (Biotech) OR Passed Life Sciences OT Passed BMLT with at least 50% marks OR Passed B.Sc. (Agriculture)	65,000 per academic semester OR 1,27,000 per academic year	https://www.gla.ac.in/courses/post-graduate/msc-hons-bio-tech	Scholarship for GLAET qualified candidates is Rs 30,000 per annum
M.Sc. Bioinformatics	Passed Bachelor's degree in any relevant area of Biotech/Life Science/Agriculture/Pharmacology/Maths/Physics/Computer Science with at least 50% mark	65,000 per academic semester OR 1,27,000 per academic year	https://www.gla.ac.in/courses/post-graduate/msc-hons-bio-info	Scholarship for GLAET qualified candidates is Rs 30,000 per annum
Ph.D. in Biotechnology, Microbiology & Immunology	60% Marks in Master degree with Biotechnology or Microbiology	47,500 per academic semester OR 95,000 per academic year	https://www.gla.ac.in/courses/doctorate/phd-biotechnology	On the basis of entrance exam score • A teaching Assistantship of `25,000/- per month • 40% concession with the institutes having MoU with GLA University

• GLA University Admissions Office gives full description of each of the courses, the entry requirements and funding opportunities on <https://www.gla.ac.in/pdf/admission-booklet-2024.pdf>

• Please note that all of our courses are full time. Participants must demonstrate a fluent command of the English language.

Scholarship for SC/ST Candidates:

Those students whose parents' annual income is less than Rs. 2 Lakhs are eligible to avail scholarship through social welfare department (Samaj Kalyan Vibhag) of UP Govt.

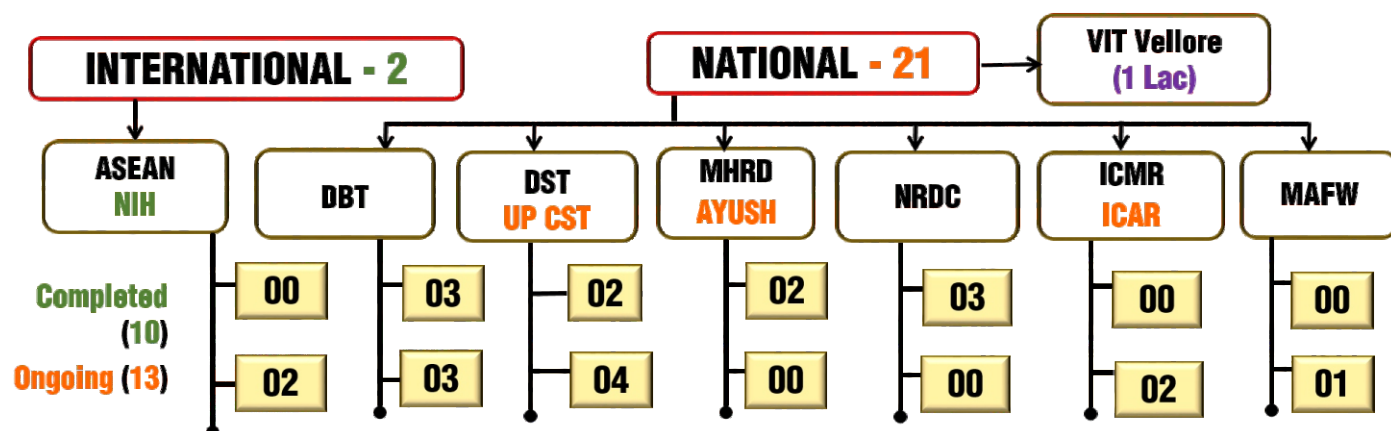
Departmental Academic Laboratories



Extramural Research Projects:

₹35.62 Crore

(23 Projects)



Collaborating Institutions (12)



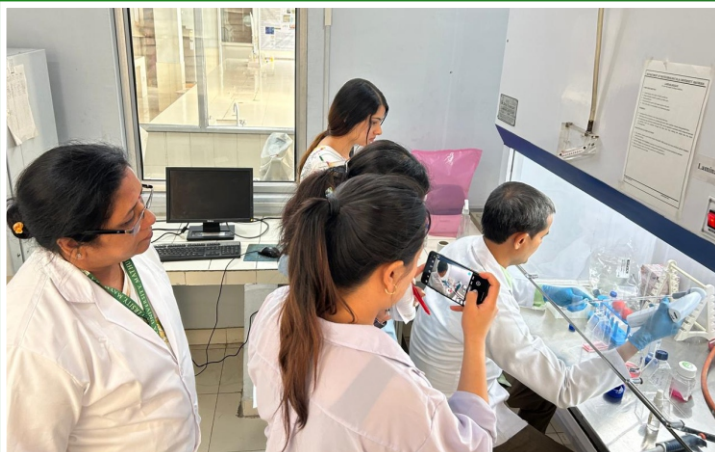
RESEARCH LABORATORIES



Centre for Cow Science & Research



Malaria Research Laboratory



Drug & Vaccine Development Laboratory

Our Notable Alumni

Mayank Srivastav

B.Sc 2010

QC Officer BIS, Govt.
of India



Dr. Amit Chaudhary

B.Sc. 2010

Doctor NCT, New Delhi



Mayank Jain

M.Sc. 2021

Team Manager,
Microsoft



Mansi Sharma

B.Sc. 2021

Coca Cola, Mathura



Priya Sharma

B.Sc. 2019

Deputy Manager, Medanta

Manju Jakhad

B.Sc. 2011

QC Officer in Patanjali
Food



Devki Nandan Sharma

B.Sc. 2011

First Rank in UP PCS



Dr. Sarita Kumari

B.Sc 2013

Research Scientist Oncology Dept.
AIIMS, New Delhi



Shubham Rajput

M.Sc. 2014

ICDS Officer, UP Govt.



Sakshi Gupta

M.Sc. 2015,

District Business Manager
Poly Medicure Ltd
(POLYMED)



Ankita Gupta

M.Sc 2015

Embryologist, Origyn
Fertility & IVF center, Max
Hospital New Delhi



Prashi Verma

Bsc. 2015

QC Analyst
Norex Industries



Dr. Ritesh Sharma

Ph. D. 2019

Director, Champion
Academy, Mathura



Jaikishan Chaudhary

B.Sc 2018, M.Sc
2020, R&D Reliance
Pharma

Our Notable Alumni: B.Tech

Akansha Tripathi
B.Tech 2025

Pharma Analyst ,
Octavus Consulting firm,
Noida



Anshika Sharma
B.Tech 2025

Medical Consultant,
Biogenuix Medsystems Pvt. Ltd,
New Delhi



Vaishnavi Goyal
B.Tech 2025

Bioinformatics Analyst
Edgene Biomed



Yukti Agrawal
B.Tech 2025

ECG Analyst
Healthwatch, Delhi



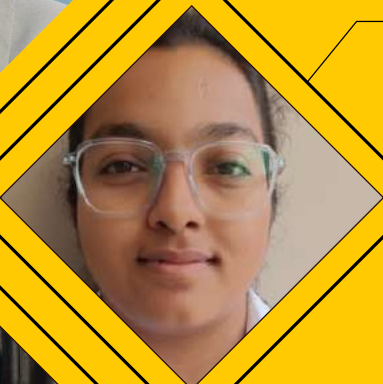
Avyay Tiwari
B.Tech 2025

Drug Analyst,
HTH Laboratories Pvt. Ltd.,
Panipat



Yashika Sharma
B.Tech 2025

Bioinformatics Analyst
Edgene Biomed



Supriya Jadaun
B.Tech 2025

Technical Consultant,
Apelo Consulting Pvt Ltd,
Gurgaon



Our Notable Alumni :B.Sc. & M.Sc.

Aashi Singh
B.Sc. Biotech
Cryoviva Biotech



Abhishek Kumar
B.Sc. Biotech
Progenbiolab Technologies



Radha Upadhyay
B.Sc. Biotech
Kalp Labs



Ragini Shukla
B.Sc. Biotech
Progenbiolab Technologies



Kavya Rana
B.Sc. Biotech
GR Group Health



RAKESH SINGH
M.Sc. Biotech
Octavus Consulting



Ruchi Kushwaha
M.Sc. Biotech
Core Diagnostic



GATE Achievers

Arun Gupta
B.Tech 2026
GATE-XL AIR-5592



Kanika Saxena
B.Tech 2026
GATE - BT AIR-705



Akansha Goel
B.Tech 2026
GATE-XL AIR-1110



Shruti Shakya
B.Tech 2025
GATE-XL AIR-1894



Rama Mittal
B.Tech 2025
GATE-BT AIR-1224

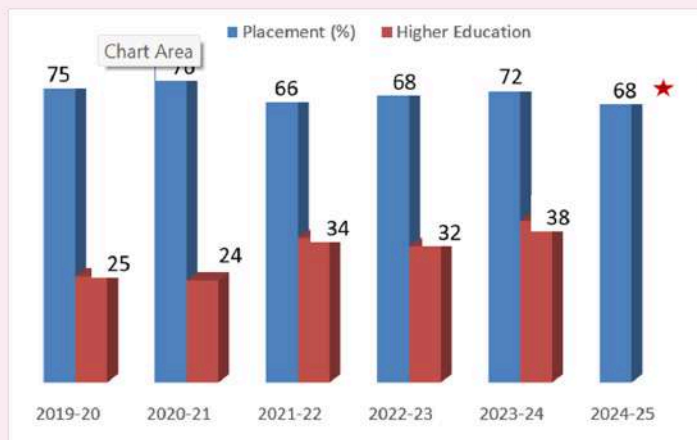


Vaishnavi Goel
B.Tech 2025
GATE-BT AIR-1894



Monika
M.Sc 2025,
GATE BT AIR- 2901

% Placement of B. Sc. (Hons.) Biotechnology



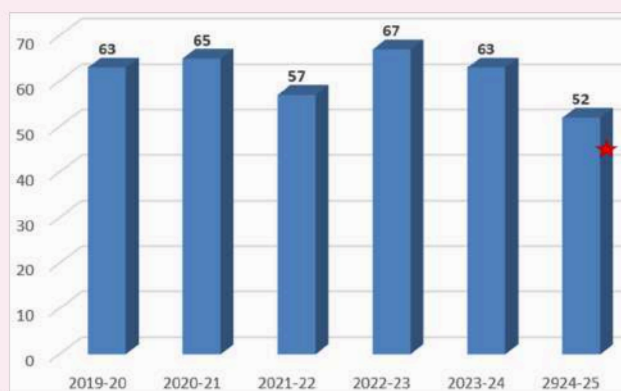
Average Package – 2.6 lakh



Highest Package - 4.94 Lakh

★ Still Going on

% Placement of M.Sc. Biotechnology & M.Sc. Microbiology



Average Package – 2.7 lakh



Highest Package - 6.5 Lakh per annum

★ Still Going on

% Placement of B.Tech Biotechnology



Average Package – 3.6 lakh

Ubarri

Ubarri Pvt. Ltd.

Highest Package - 7.0 Lakh

★ Still Going on

Department of Biotechnology

New-Gen IEDC Funded Projects (13): ₹ 17.43 Lacs

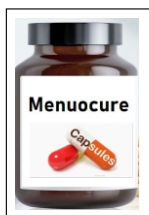
Sanctioned to Ph.D., M.Sc., B.Sc., and B.Tech. students



**Greeama Herbal Bandage
(Anti-septic)**

₹ 0.64 LAC

Khushi, B.Sc. III (2019)



**Menuocure
(Maintains Hormonal Balance)**

₹ 2.34 LAC

Sunanda, Ph.D. III (2020)



**Herbal Powder
(Anti-septic)**

₹ 1.59 LAC

Ayushi, M.Sc. (2020)



**GLAMS
(Glass Cleaner solution)**

₹ 1.25 LAC

M. Navbhartha,
Ayushi Sharma Ph.D. (2021)



**Sapovac
(Plant derived Saponins as Adjuvant)**

₹ 1.47 LAC

Rasanpreet M.Sc (Micro) II Y &
Vidhi Mishra B.Sc I Y (2021)



Immunia

₹ 2.17 LAC

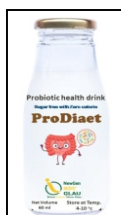
Aashi, Riya,
Shambhvi B.Tech.Biotech. III &
Sunanda, Ph.D. (2022)



Nutraceutical Candy

₹ 2.37 LAC

Prianshu, Yashi, Nandini,
Harsh, Lucky B.Tech. Biotech. (2022)



ProDiet

₹ 1.10 LAC

Samiksha, Ph.D. &
Daksh, Diane Dawson,
Vidhi, B.Sc III Y (2023)



AEROBEAD

₹ 0.60 LAC

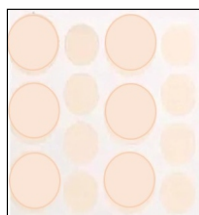
Mridul, Shraddha, Prerna,
Avantika B.Tech. Biotech. III Y (2023)



Keshavamrat

₹ 0.90 LAC

Dipti Acharya,
Ph.D.(2023)



**Hydrocolloid Herbal
Pimple Patch**

₹ 0.60 LAC

Vaishnavi, Yukti, Shruti
B.Tech. Biotech. III Y (2023)



NanoPlast

₹ 1.40 LAC

Dhruv, Adarsh and Shivam
M.Sc. II Y (2023)



Solar Desalinator cum Filter

₹ 1.00 LAC

Akanksha Tripathi
B.Tech. Biotech. III Y
(2023)

Curricular Activities

Guest Lectures



Dr. M. S. Chauhan
VC: GBPUAT, Pantnagar



Prof. Ajay Ghatak
IIT- New Delhi

Educational Tours



NBRC, Gurgaon, Haryana



IIT, Roorkee



FRI, Dehradun



Ministry of Science and Technology
Department of Science & Technology,
Govt. of India

Sponsored

INSPIRE INTERNSHIP SCIENCE CAMP



5 Days Residential Science Camp (16th July - 20th July, 2024)



Infrastructure

CENTRAL LIBRARY

The central library has more than 1,50,000 books, journals, magazines, newspapers, encyclopedias and thousand of CDs focusing on the multidimensional knowledge. Apart from central library, each department has its own library equipped with informational books & journals. Being a member of DELNET, the university has access to more than 2 crore bibliographic records, 36,000+ periodicals, CDs and e-books.



RESIDENTIAL FACILITIES (HOSTELS)

The separate hostel wings for boys and girls are akin to 'home away from home' for the students. Full-time resident doctors, along with part-time specialists, keep a vigil on the health and related aspects of the students. Counselors take care of the psychological needs. Two departmental stores take care of the daily needs of the students. Round-the-clock uninterrupted electricity and water supply (along with RO water for drinking purpose) are provided. CCTV cameras and security guards keep a close watch and monitor the activities in the campus 24*7.



MEDICAL FACILITY

A team of well-qualified doctors and paramedical staff is available at the campus dispensary. Emergency services like ambulance, bed equipped clinic etc. are available at all times. Apart from it, various specialists visit the campus frequently. Various apparatuses are also available in the University dispensary to take care of medical emergencies.



ICP – 2024, India

The organizers and Organizing secretary (Prof. Shoor Vir Singh), from GLA University, Mathura, expressed immense pride and honor in hosting the 16th International Colloquium on Paratuberculosis (ICP-2024) from October 21 to 25, 2024, under the aegis of International Association of Paratuberculosis, USA, in the sacred city of Mathura-Vrindavan, India- the first of its kind in Asia.



ICP venue was Hide Away Studios, Vrindavan and 61 (55 from 23 western countries + 6 from India), delegates attended the five dayevent. The significance of Mathura, the birthplace of Lord Krishna, and its cultural heritage, aiming to provide attendees with a blend of scientific engagement and cultural experiences was highlighted. The colloquium provided a unique platform for leading researchers, students, industry professionals, veterinarians, public health specialists, and policymakers to discuss advancements in paratuberculosis research and control. strategies.



The scientific program was distributed in seven technical sessions: 1: Epidemiology, MAP diversity & economic burden, 2: Immunology, Immuno-genetics & Host response, 3: Diagnostics and omics, 4: Public health, MAP in food, environment & wildlife, 5: Management & control programs, 6: Other Mycobacterial infections of animals & human beings 7: Alternative therapeutics for Mycobacterial infections. We ensured a memorable experience for all participants, enriched with Indian cuisine, traditional attire, customs, music, and dance. 16 ICP abstract book is available for members at: www.paratuberculosis.org; ICP Newsletter, March 2025.





GLA University

17 km Stone, NH-19, Mathura-Delhi Road, Chaumuhan, Mathura-281406 (UP)

Admission Helpline +91-9027068068

For Biotechnology, Dr. Anjana Goel 9897006326

Dr. Vishal Khandelwal, 9457488194

For Microbiology, Dr. Alok Bhardwaj 9808449783

For Bioinformatics, Dr. Anuja Mishra 8755447139

Best
Placement University
in North India



DYNAMIC
WORLD EDUCATION
COMMUNITY



Amongst Private
University in India by

University Grants
Commission
(UGC)



KkefoKku foeqDr:s

