



Gurugram University

Department of BIOSCIENCE

CAMPUS RECRUITMENT PROGRAMME 2025





गुरुग्राम विश्वविद्यालय

(राज्य सरकार द्वारा हरियाणा अधिनियम 2017 के तहत स्थापित विश्वविद्यालय)

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MESSAGE FROM VICE CHANCELLOR



It gives me immense pleasure to extend a warm welcome on behalf of Gurugram University. We are deeply committed to nurturing talent, fostering innovation, and preparing our students to meet the evolving demands of the professional world.

Gurugram University strives to focus on streamlining our academic and administrative processes to enhance student welfare, employability, and holistic development. Our goal is to equip students not only with academic excellence but also with the professional ethics, practical exposure, and technical proficiency required to excel in today's competitive environment.

Situated in Gurugram—India's second-largest IT hub and a dynamic centre for finance, banking, healthcare, and emerging technologies—the University offers the unique advantage of industry proximity. This enables us to build strong collaborations with leading organizations, facilitating internships, training, and placement opportunities for our students.

We strive to create a vibrant ecosystem that encourages experiential learning, innovation, and leadership. Our transparent, student-centric administration and conducive learning environment ensure that every learner is empowered to realize their full potential.

I take great pride in presenting our students—driven, skilled, and ready to contribute meaningfully to the corporate world. We look forward to building enduring relationships with our industry partners and shaping a future of shared success.

Prof. Sanjay Kaushik

Vice-Chancellor,
Gurugram University,
Gurugram



MESSAGE FROM REGISTRAR

It is my privilege to welcome potential recruiters to the Gurugram University Placement Program. At Gurugram University, we believe in equipping students with knowledge, creativity, and professional ethics to meet the evolving demands of industry and society. Through quality education, research initiatives, and strong industry collaborations, our graduates are prepared to face real-world challenges and contribute meaningfully to organizational and national development.

The Placement Cell, supported by our dedicated faculty, continually strives to foster meaningful partnerships with industries and create opportunities that shape successful professional journeys. I am confident that our students will display the same dedication, innovation, and values that define Gurugram University wherever they go. I convey my best wishes to all students for their career prospects and to the recruiting partners for a productive and long-lasting association with Gurugram University.

Dr. Sanjay Arora

Registrar

Gurugram University,
Gurugram

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MESSAGE FROM CHAIRPERSON



It is with great pleasure that I present the Placement Brochure of the Department of Biosciences, Gurugram University, Gurugram. As Chairperson, I am privileged to lead an academically vibrant department that offers comprehensive programmes in Environmental Science, Botany, and Zoology—disciplines fundamental to understanding and addressing contemporary challenges in sustainability, biodiversity, and human–environment interactions. The Department of Biosciences is deeply committed to fostering critical inquiry, scientific rigour, and interdisciplinary scholarship. Our academic framework integrates advanced theoretical knowledge with robust laboratory training, field exposure, and research-driven learning. This holistic approach equips our students with the intellectual maturity, methodological competence, and ethical grounding required in the modern scientific landscape.

Our faculty comprises dedicated educators and researchers who continuously mentor students to achieve excellence in academics, research, and professional development. Through seminars, workshops, internships, community engagement, and project-based learning, we strive to cultivate a cohort of graduates who are environmentally conscious, technologically proficient, and industry-ready.

We highly value our collaborations with academic institutions, research organisations, and industry partners, whose support enhances the academic and professional opportunities available to our students. I am confident that the graduates of our department will demonstrate exemplary discipline, integrity, and scientific acumen in every institution or organisation they join.

I warmly invite our esteemed recruiters to engage with the talented students of the Department of Biosciences and to explore the potential they bring as future scientists, Biosciences (Environmental Science, Botany and Zoology) professionals and responsible global citizens.

Dr. Rani Devi

Chairperson, Dept. of Bioscience
Gurugram University,
Gurugram



DIRECTOR- EMPLOYABILITY MESSAGE



It gives me immense pleasure to present the Training and Placement Brochure of Gurugram University. At Gurugram University, we believe that education is not confined to classrooms—it extends to developing skills, nurturing talent, and preparing students for the real-world challenges of the professional environment.

Our Training and Placement Cell strives to bridge the gap between academia and industry by providing students with comprehensive career development support through skill enhancement programs, internships, workshops, and placement drives. We are committed to empowering our students with employability skills, professional ethics, and the confidence required to excel in today's competitive world.

Located in the heart of Gurugram, a thriving hub of technology, innovation, and enterprise, our students enjoy unique exposure to leading industries and organizations. We take pride in our collaborations with reputed companies and our growing network of corporate partners who continue to recognize and value the potential of our students.

I extend my best wishes to all our students for a bright and successful future and express my sincere gratitude to our industry partners for their continued trust and support.

Dr. Charu Gandhi
Director Employability
Gurugram University,
Gurugram



TRAINING & PLACEMENT OFFICER MESSAGE



Welcome to the Training and Placement Office (TPO) of Gurugram University – where dreams and opportunities intertwine.

At Gurugram University, we believe education is more than acquiring knowledge; it is the foundation for building a future full of possibilities. The TPO plays a vital role in transforming this belief into reality by guiding students towards meaningful and rewarding careers.

We are dedicated to shaping professionals who can excel in today's fast-evolving world. Through focused training sessions, career counseling, and strong industry collaborations, we equip students with the right blend of skills, confidence, and exposure. Our mission is to bridge the gap between academia and industry, ensuring that every student is career-ready and future-focused.

With an emphasis on innovation, integrity, and excellence, we strive to ignite aspirations, fuel ambitions, and create new pathways to success. Together, let's embark on this journey of growth and discovery—turning aspirations into achievements and building a future full of opportunities.

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Dr. Aman Vashisth

Training & Placement Officer,
Gurugram University,
Gurugram



"WHERE IT ALL STARTED"

Gurugram University, one of the youngest and fastest-growing state universities of Haryana, aspires to be a center of academic excellence and innovation. Established at the campus of Rao Tula Ram College of Science and Commerce, the University is located in Sector-51, Gurugram, spread across 11.5 acres of lush green surroundings.

Built on the twin pillars of Education and Research, the University fosters an environment where creativity and knowledge flourish. It is equipped with modern libraries, state-of-the-art laboratories, and is developing hostel, medical, transport, and residential facilities to provide world-class amenities.

With a vision to emerge as a global university, Gurugram University offers programs in diverse and cutting-edge fields such as Computer Science, Artificial Intelligence, Cyber Security, Law, Pharmacy, Physiotherapy, Nursing, and more.

In just a few years, the University has made remarkable progress — creating a transparent administration, advanced infrastructure, and a safe, student-friendly campus dedicated to character building, skill enhancement, and nation building.





**GURUGRAM
UNIVERSITY**

INFRASTRUCTURE CAMPUS

Gurugram University is strategically located in Gurugram, the vibrant corporate and technological hub often referred to as the "Millennium City" of India. The university's modern campus provides a dynamic environment that fosters innovation and professional growth, perfectly mirroring the city's fast-paced, high-tech ethos. Gurugram University features contemporary, well-equipped facilities, including smart classrooms with projectors, state-of-the-art laboratories, and a comprehensive central library designed to support advanced research and learning. The campus also provides excellent amenities such as sports facilities, seminar halls, and student common areas. With a strong emphasis on practical, industry-aligned education, Gurugram University leverages its location to offer students unparalleled opportunities for internships, industry interaction, and career placement in one of the country's leading economic centres.



CENTRAL LIBRARY

The library provides a serene and technologically-equipped environment for focused study. It features comfortable seating arrangements for a significant number of readers and is equipped with Wi-Fi connectivity. Access to its physical holdings is facilitated through a robust Online Public Access Catalogue (OPAC). Furthermore, the library offers extensive digital resources, including subscriptions to numerous e-databases, e-journals, and e-books, ensuring students have 24/7 access to global research and information from both within the campus and remotely. This seamless integration of physical and digital resources makes it a vital hub for intellectual growth.





GURUGRAM UNIVERSITY

SPORTS

The Gurugram University campus actively promotes holistic development through its dedicated sports facilities, including courts for Basketball, Volleyball, Badminton, and Table Tennis. By offering various indoor and outdoor athletic opportunities, the university fosters a culture of physical well-being, teamwork, and competitive spirit among students, crucial for their overall growth.



LABS

Gurugram University is equipped with state-of-the-art laboratories across its departments to provide students with essential hands-on experience and facilitate research. These modern labs, particularly in Sciences and Engineering, feature the latest equipment and specialized instruments. This ensures students can effectively conduct experiments and innovation-driven projects.





GURUGRAM UNIVERSITY

AUDITORIUM

The modern, air-conditioned auditorium at Gurugram University is the central venue for all major events. Equipped with advanced audio-visual systems and excellent acoustics, it is frequently used to host significant seminars, conferences, cultural performances, and university convocations, playing a key role in enriching the academic and social life of the campus.



CLASSROOMS

Gurugram University is transitioning to a fully digital learning environment with smart classrooms throughout the campus. These rooms are modernly designed and equipped with LCD/LED projectors, high-speed Wi-Fi, and interactive digital boards. This technology facilitates blended learning, e-content delivery, and virtual interaction, ensuring an engaging and future-ready educational experience for all students and faculty.





GURUGRAM UNIVERSITY

LEARNING OUTSIDE THE CLASSROOM

DIGITAL ALLIANCE ESPORTS CLUB

Digital Alliance is your college's official esports and gaming society. We're the hub for students who are passionate about competitive gaming, from BGMI and Valorant to Rocket League and fighting games. Some recent Esports events are :

- 13 October 2025 – Flare 2025
- 24 February 2024 – Free Fire Tournament
- 17 February 2024 – BGMI Tournament

PRAKAMYA CULTURAL SOCIETY

Prakamya is the college's vibrant Cultural Society, the heart and soul of creativity and tradition on campus. Our name, signifying excellence and complete mastery, reflects our commitment to celebrating and promoting diverse art forms.

- 9 November 2024 – Ethnic Day Celebration
- 18 September 2023 – Student Orientation Programme





GURUGRAM UNIVERSITY

ARTICULATION CLUB

The Articulation Club is dedicated to developing students' communication, articulation, and presentation skills — essential qualities for success in both academic and professional life. We focus on building confidence, clarity, and stage presence through regular sessions, discussions, debates, and public speaking workshops. These activities help students express their ideas clearly and confidently.

The club encourages critical thinking, creative expression, and leadership development, enabling students to share their thoughts with impact and authenticity.

Some recent events hosted by Articulation Club are :

- **18 August 2025 – Jamming Session**

A fun and interactive session designed to encourage students to express themselves freely and build confidence in open communication.

- **3 April 2025 – Gurugram's Got Latent**

An open mic event providing students a platform to showcase their talents and articulate ideas with creativity and confidence.

- **14 June 2024 – Blood Donation Quiz**

A knowledge-based quiz conducted to raise awareness about the importance of blood donation and promote social responsibility among students.

- **21 March 2024 – Lexicon Quest**

A vocabulary and literacy-based event focused on enhancing students' language skills through fun and competitive activities.





GOOGLE DEVELOPER'S GROUP, GUG

Our chapter is a community for students passionate about Google developer technologies, open to all academic backgrounds. Join us to learn, collaborate, and build innovative solutions through hands-on workshops, events, and projects.

Connect with like-minded peers, Learn new skills through engaging activities, and Grow by applying your knowledge to solve real-world problems, while advancing your career and giving back to the community.

Some recent events hosted are :

- **27 August 2025 – TECHFEST By IIT Bombay**
- **8 August 2025 – AI Builders Day: Shape the Future of Technology at Gurugram University**
- **5 November 2024 –Build with AI – Intro To Gemini API**
- **15 October 2024 – Freshman Induction Session in collaboration with Coding Ninjas**
- **24 September 2024 – Introduction to Gen AI Study Jam**



ABOUT THE DEPARTMENT OF BIOSCIENCE

Our Vision

To be a center of excellence in medical sciences education, research, and practical knowledge, empowering students to become compassionate, skilled, and innovative healthcare professionals contributing to the well-being of society.

Our Mission

- To impart high-quality, evidence-based scientific education that integrates theory with practical knowledge.
- To foster critical thinking, ethical values, and lifelong learning in students.
- To encourage research and innovation in the field of biosciences for advancing sciences.
- To collaborate with healthcare institutions and industry partners for holistic professional development.

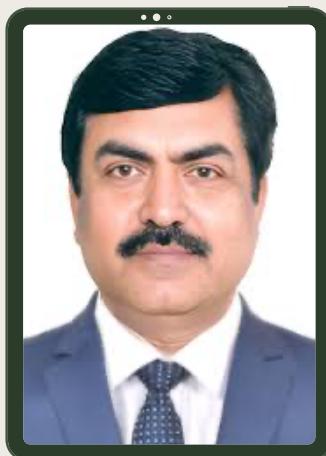
Our Team



Prof. (Dr.) Bhupesh Sharma
Dean, life sciences



Prof. Sanjay Kaushik
Hon'ble Vice Chancellor



Dr. Sanjay Arora
Hon'ble Registrar



Prof. Dr. Rani Devi
Chairperson
Dept. of Bioscience

TEACHING FACULTY

DR. RANI DEVI
DR. DEVINA RATTAN PAUL
DR. SANDEEP SHUKLA

PROGRAMMES OFFERED

(PG)

POSTGRADUATE COURSES

Programme Details

Name of the Course - Master of environmental science

Duration - 2 years (Yearly)

Intake - 30

Eligibility Criteria- B.Sc. (med) honours from a recognized university with minimum 50% marks in aggregate (47.5% in case of SC/ST/Divyang candidates of Haryana only), or any examination recognized as equivalent there to.

Name of the Course - Master of Botany

Duration - 2 years (Yearly)

Intake - 30

Eligibility Criteria - B.Sc botany honours from a recognized university with minimum 50% marks in aggregate (47.5% in case of SC/ST/Divyang candidates of Haryana only), or any examination recognized as equivalent there to.

Name of the Course - Master of Zoology

Duration - 2 years (Yearly)

Intake - 30

Eligibility Criteria- B.Sc zoology honours from a recognized university with minimum 50% marks in aggregate (47.5% in case of SC/ST/Divyang candidates of Haryana only), or any examination recognized as equivalent there to.



MASTERS OF ENVIRONMENTAL SCIENCE

CURRICULUM

The curriculum is designed to

FIRST SEMESTER

- English Communication Skills
- Ecology and biodiversity
- Environmental Chemistry and analysis
- Air and Noise pollution and abatement
- Bio-statistical methods and data analysis
- Environmental Sciences: Theory into Practice
- Introduction to Communication

SECOND SEMESTER

- English language teaching
- Environmental geosciences
- Water pollution and control technologies
- Instrumental techniques for environmental analysis
- Environmental microbiology and biotechnology
- Writing for media
- Counselling skills and techniques

THIRD SEMESTER

- Environmental impact assessment and auditing
- Energy and environment
- Solid and hazardous waste management
- Soil science and eco-agricultural
- Media and society
- Research ethics
- Restoration ecology

FOURTH SEMESTER

- Dissertation



GURUGRAM UNIVERSITY

MASTERS OF BOTANY CURRICULUM

The curriculum is designed to

FIRST SEMESTER

- Algae and fungi
- Molecular biology
- Cell Biology
- Bio statistical methods and Data analyses
- English communication and skills
- Personality and behaviour development
- Human values and ethics

SECOND SEMESTER

- Plant taxonomy and economic botany
- Biochemistry and biotechniques
- Molecular cytogenetics
- Advanced plant physiology
- Crisis communication
- English
- Counselling skills and techniques

THIRD SEMESTER

- restoration ecology
- research ethics
- Physiology of Plant growth
- Biology of Reproduction and Anatomy
- Bryophytes & Pteridophytes
- Gymnosperms & Ethnobotany

FOURTH SEMESTER

- Dissertation



MASTERS OF ZOOLOGY

CURRICULUM

The curriculum is designed to

FIRST SEMESTER

- Diversity of Invertebrates
- Molecular Biology
- Cell Biology
- Bio-statistical methods
- and Data Analysis
- Pollution and climate change
- English Communications skill level- 1
- Animal Diversity and Conservation

SECOND SEMESTER

- Diversity of Vertebrates
- Molecular Cytogenetics
- Biochemistry & Biotechniques
- Molecular Endocrinology &
- Neural Physiology
- Natural Resources Management
- English Language Teaching
- Counselling Skills and Techniques

THIRD SEMESTER

- Animal Physiology
- Developmental Biology
- Immunology
- Fish, Fisheries and Aquaculture
- Natural Hazards and Disaster Management
- Restoration Ecology Research Ethics

FOURTH SEMESTER

- Dissertation

Career Opportunities for our students

GOVERNMENT AND CIVIL SERVICES

- Civil services
- Public sector administration (administrative role in ministries, departments and commissions)
- Policy analyst/advisor in government and private think tanks
- Legislative assistant to Members of Parliament

RESEARCH, ACADEMIA & THINK TANKS

- University teaching & research
- Policy Think tanks- Centre for Policy Research, NITI Aayog, CSIR, FRI, IARI, MOEFCC

ENTREPRENEURSHIP & SOCIAL INNOVATION

- Founding NGOs, Social Enterprises and Policy startups
- Consulting firms in governance & public policy

CORPORATE & PRIVATE SECTOR

- Corporate Social Responsibility (CSR) – policy and project management
- Public Affairs & Government Relations – liaison between corporates and government
- Policy & Compliance Roles – in large firms needing regulatory knowledge

INTERNATIONAL ORGANISATIONS & DEVELOPMENT SECTOR

- United Nations
- WHO , UNESCO, IUCN, FAO- policy and governance related roles
- International NGOs
- Diplomatic services & foreign affairs- policy and advisory work

R & D DEPARTMENT

- Developing new plant related products
- Developing of bioindicator Species for Environmental Monitoring

EDUCATIONAL VISITS



VISIT TO IARI





VISIT TO TEHKHAND WASTE TO ELECTRICITY PLANT





VISIT TO CENTRAL INSTITUTE OF FISHERIES EDUCATION ICAR-CIFE





GURUGRAM UNIVERSITY

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