



Gurugram University

Department of Chemistry

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



MESSAGE FROM CHAIRPERSON



It is my great pleasure to present the Placement Brochure of the Department of Chemistry, Gurugram University, Gurugram. As Chairperson, I feel proud to lead a dynamic and academically vibrant department that nurtures both strong fundamentals and advanced skills in chemical sciences. Our programmes are designed to provide a balanced blend of Organic, Inorganic, Physical, Analytical and Applied Chemistry, with a clear focus on employability, innovation and research orientation.

The curriculum of the department integrates rigorous theoretical teaching with extensive laboratory training, project work and exposure to modern analytical instruments. This enables our students to develop critical thinking, problem-solving ability, experimental skills and scientific temperament, which are essential for careers in pharmaceuticals, chemicals, polymers, environment, R&D organisations, quality control, academia and allied industries. Along with subject expertise, we constantly encourage our students to build soft skills, ethics and professional discipline through seminars, workshops, internships and industry-academia interactions.

Our faculty members are actively engaged in teaching, research and mentoring. They guide students in mini projects, dissertations and research activities aligned with green chemistry, sustainable processes, medicinal chemistry, materials chemistry and environmental applications. We are committed to producing graduates who are not only technically competent but also responsible professionals capable of contributing meaningfully to society and industry.

I warmly invite our esteemed recruiters to engage with the talented students of the Department of Chemistry and explore their potential as future chemists, researchers and leaders. I am confident that they will uphold the values of Gurugram University and prove to be valuable assets to your organisation.

DR. SARALA BALACHANDRAN
CHAIRPERSON, DEPARTMENT OF
CHEMISTRY
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.

विद्या जीवनाय न तु जीवनाय

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.





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.



ABOUT THE DEPARTMENT OF CHEMISTRY

Our Vision

To evolve as a nationally and globally recognized center of excellence in chemical education, research, and innovation, producing scientifically skilled, ethically responsible, and industry-ready chemists who contribute meaningfully to society and technological advancement.

Our Mission

- To deliver high-quality postgraduate education in all fundamental and applied areas of chemistry.
- To integrate classroom knowledge with advanced laboratory practice and instrument-based skill training.
- To encourage students towards research, publications, innovation and problem-solving.
- To collaborate with pharmaceutical, chemical, material and environmental industries for exposure and placements.
- To build scientific temperament, professional ethics and lifelong learning capabilities.

Our Team



Dr. Sanjay Arora
Hon'ble Registrar



Prof. Sanjay Kaushik
Hon'ble Vice Chancellor



Dr. Sarala Balachandran
Chairperson
Dept. of Chemistry

TEACHING FACULTY



Dr. GULSHAN SINGH
ASSOCIATE PROFESSOR
DEPT. OF CHEMISTRY



DR. MONA HOODA
ASSISTANT PROFESSOR
DEPT. OF CHEMISTRY



DR. JYOTI
ASSISTANT PROFESSOR
dept. of chemistry



DR. RAHUL
ASSISTANT PROFESSOR
dept. of chemistry

PROGRAMMES OFFERED

(PG)

Master of Science in Chemistry (M.Sc. Chemistry)

Programme Details

Duration: 2 Years (Semester System)

Intake Capacity: 30 Students

Medium of Instruction: English

Programme Level: Postgraduate

Degree Awarded: M.Sc. Chemistry

Eligibility Criteria

B.Sc. with Chemistry as one of the major subjects / B.Sc. (Medical / Non-Medical / Honours Chemistry) from a recognized university with:

- Minimum 50% aggregate marks
- 47.5% for SC/ST/Divyang candidates of Haryana only

Programme Overview

M.Sc. Chemistry at Gurugram University is designed to develop a strong theoretical foundation along with advanced practical & research-level proficiency. The programme integrates key areas of chemistry—organic, inorganic, physical, analytical, and applied chemical sciences—preparing students for academic, research, industrial, and laboratory-based careers.

Students undergo:

- Laboratory-intensive training using modern analytical instruments
- Hands-on experimental skills & data interpretation
- Mini-projects, seminars & dissertation work in final semester
- Exposure to industrial & research applications of chemistry

The curriculum balances knowledge with innovation, enabling students to explore chemical mechanisms, synthesis strategies, material science, catalysis, spectroscopy, reaction kinetics, polymer chemistry, pharmaceutical chemistry, and environmental analysis.

Career Opportunities for our students

1. RESEARCH & DEVELOPMENT (R&D)

- DRUG DISCOVERY & FORMULATION RESEARCH
- ORGANIC & MEDICINAL MOLECULE SYNTHESIS
- NANOMATERIALS & POLYMER RESEARCH
- CATALYSTS, ALLOYS, DYES & MATERIAL DEVELOPMENT
- WORKPLACES: CSIR LABS, DRDO, BARC, IISER, IIT, PHARMA R&D UNITS

2. PHARMACEUTICAL & BIOTECHNOLOGY SECTOR

- API (ACTIVE PHARMACEUTICAL INGREDIENT) PRODUCTION
- QA/QC IN DRUG MANUFACTURING
- STABILITY STUDIES & METHOD VALIDATION
- CHEMISTRY-DRIVEN THERAPEUTIC DESIGN
- COMPANIES: SUN PHARMA, CIPLA, LUPIN, DR.REDDY'S, BIOCON, JUBILANT

3. CHEMICAL & PROCESS INDUSTRIES

- PETROCHEMICALS, DYES, PAINTS & PIGMENTS
- CEMENT, FERTILIZERS & AGRO-CHEMICALS
- LUBRICANTS, ADHESIVES & COATINGS
- ROLES: PROCESS CHEMIST, PRODUCTION SUPERVISOR, PLANT OPERATOR

4. ANALYTICAL & TESTING LABORATORIES

- CHROMATOGRAPHY (HPLC, GC), SPECTROSCOPY (UV, IR, NMR)
- ENVIRONMENTAL POLLUTANT TESTING & FOOD AUTHENTICATION
- MATERIAL/FUEL TESTING & FORENSICS
- JOB ROLES: ANALYTICAL CHEMIST, LAB ANALYST, FORENSIC CHEMIST

5. ENVIRONMENTAL & SUSTAINABILITY SECTOR

- WATER/AIR QUALITY TESTING & POLLUTION CONTROL
- GREEN CHEMISTRY & WASTE MANAGEMENT
- INDUSTRIAL EFFLUENT TREATMENT RESEARCH
- ORGANISATIONS: POLLUTION CONTROL BOARDS, ENVIRONMENTAL LABS

6. ACADEMIA & HIGHER EDUCATION

- ASSISTANT PROFESSOR, RESEARCH SCHOLAR
- CSIR-NET, GATE, SET, ARS, PHD PATHWAYS
- TEACHING AT UNIVERSITIES, COLLEGES, ED-TECH PLATFORMS

7. Government Sector Jobs

- SSC Scientific Assistant
- FSSAI, ONGC, ISRO, IOCL
- Food/Drug Inspector, Forensic Labs
- UPSC (Chemistry optional), State PCS

EDUCATIONAL VISITS



VISIT TO SUN PHARMA





VISIT TO NATIONAL PHYSICAL LABORATORY



“Every visit opens doors to new perspectives in science.”

ESTABLISHMENT OF RAY CHEMICAL SOCIETY



"A society by the students, for the students, and beyond classrooms."

Our club coordinator's :

DR. JYOTI

DR. RAHUL

Meet our elected members:

PRESIDENT
(Shivani)

VICE PRESIDENT
(Ritu)

Secretary
(Komal)

Joint Secretary
(Nisha)

Social media head
(Ekta)

Treasurer
(Akash)

Inaugral Lecture By Dr.Ajay Soni (Co-Founder Presude life Sciences)



National Symposium

on

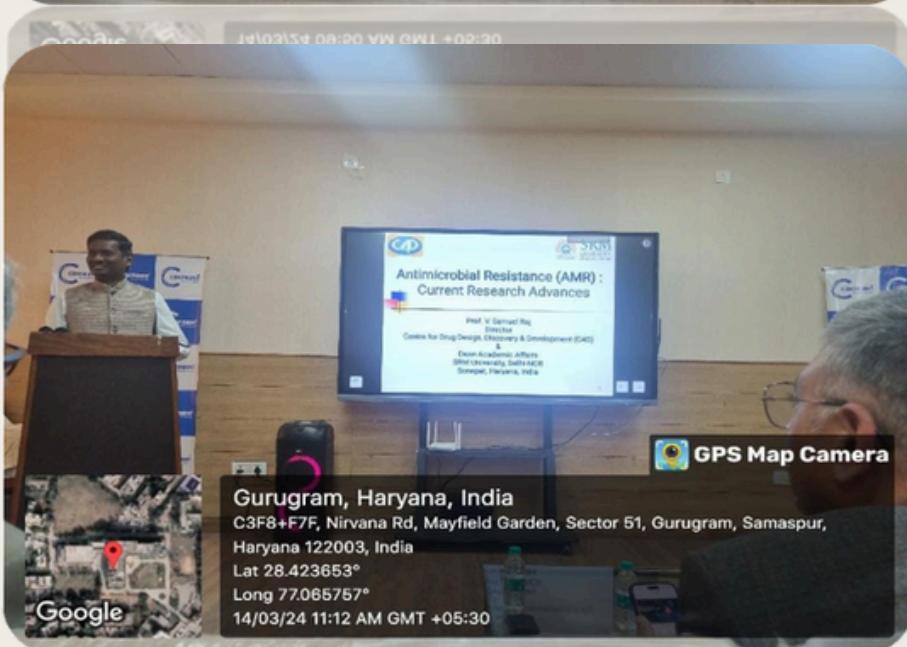
Inspire, Innovate, and Integrate in collaboration with Vijnana Bharati Haryana Prant (Vibha)



International Conference on Diversity & Inclusivity in Chemistry: Drugs/Polymers/Environment



Workshop on Antimicrobial Resistance



Expert Talks – Learning Beyond Textbooks



Dr. Rakesh Kumar – OSD CSIR, Ex-Director CSIR-NEERI, Nagpur



Dr. Rahul Taneja – Scientist, DST Haryana



Dr. Ajay Soni – Head, Medicinal Chemistry, Presude Life Sciences



Dr. Brijesh Kumar – Retd. Chief Scientist, CSIR-CDRI, Lucknow



Dr. S.C. Mathur –
Chemical Examiner Grade I (Retd.),
Ministry of Finance, Govt. of India

INTERNSHIPS & INDUSTRIAL EXPOSURE

Industrial training forms a strong bridge between academic learning and workplace application. The Department of Chemistry ensures that students receive hands-on exposure to real-world laboratory environments, analytical instrumentation, formulation development, and research workflow.

◆ Key Internship Domains

- Pharmaceutical formulation & process development
- Quality control & quality assurance laboratories
- R&D in drug synthesis & intermediates
- Polymer, paint, dye & petrochemical industries
- Food testing & environmental monitoring labs
- Startups & chemical production units

◆ Skills gained through internship

- Instrument handling (UV–Vis, IR, GC, HPLC, DSC, SEM etc.)
- Interpretation & documentation of analytical data
- Lab safety, GLP/GMP compliance
- Professional communication & teamwork
- Report writing & presentation skills



GURUGRAM UNIVERSITY

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