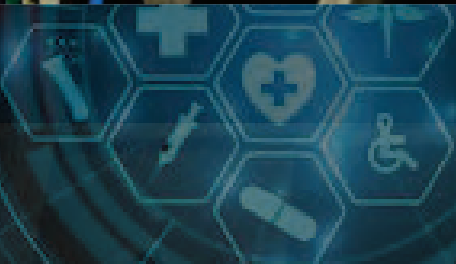


# BASIC AND APPLIED SCIENCES



ज्ञान-विज्ञान विमुक्तये

Recognized by the University Grants Commission (UGC)



## **SHRI PRANAB MUKHERJEE PRESIDENT OF INDIA**

with Shri Dhruv Galgotia, CEO,  
Galgotias University



## **SHRI VENKAIAH NAIDU VICE PRESIDENT OF INDIA**

at Galgotias University Convocation

"Galgotias University has done remarkably well to distinguish itself as a premier university in NCR. It reflects dedication & commitment of teachers, sincere efforts of students and inspiring vision of management."



## **SHRI NARENDRA MODI PRIME MINISTER OF INDIA**

conferring The DQ ICT Award to Shri Suneel Galgotia,  
Chancellor, Galgotias University for Ranking University  
in Academics & Global Linkages and Ranked among  
Top Institutions in India for Placements



## **DR. HARSH SHARMA, DIRECTOR, FORENSIC SCIENCE LABORATORY, SAGAR, M.P.**

guest lecture on Crime Scene Investigation





## ABOUT GALGOTIAS UNIVERSITY

Galgotias University is established in 2011 by the Government of Uttar Pradesh and recognised by the University Grants Commission (UGC). The vision of GU is to be known globally for value based education, research, creativity and innovation. GU is situated on 52-acre state-of-the art campus in the National Capital Region of Delhi. Galgotias University is devoted to excellence in teaching, research and innovation, and to develop leaders who'll make a difference to the world. The University, which is based in Greater Noida, has an enrollment of over 20,000 students across more than 200 Undergraduate and Post Graduate programs.



## INTERNATIONAL TIE-UPS

Galgotias University Has Mous And Tie-ups With Several Of The World's Top Universities





# School of Basic & Applied Sciences

Galgotias University School of Basic and Applied Sciences focuses on the creation and application of knowledge in the disciplines of Physics, Bio-Chemistry, Bio-Informatics, Chemistry, Mathematics and Forensic Science.

The School, under the dynamic leadership of its Dean, Prof Arvind Kumar Jain is focused to turn students into outstanding professionals. The School's faculty members are well qualified with masters/doctorate from institutes of repute like IIT (Roorkee, Delhi, Kharagpur, BHU), IACS, G B Pant University, Delhi University AMU, with international exposure on working /scientific visits to different countries like USA, France, Germany, Netherlands, UK etc. The faculties also have a number of national and international publications, books and patents to their credit.

School of Basic and Applied Sciences equips students with technical knowledge, skill and ability; motivating them to think creatively, helping them to act independently and take decisions accordingly in all their scientific pursuits and other endeavours.



## TOP RANKINGS & AWARDS



Placement & Academics  
Excellence Times  
Business Awards 2019



GALGOTIAS  
UNIVERSITY  
Ranked amongst  
**TOP 20**  
Universities by  
Business World



BWRA\* Grading  
(Uttar Pradesh) at  
the State level in  
Education

### GLOBAL RECOGNITION



Galgotias University  
has **5-Star QS** rating in  
**TEACHING & FACILITIES**  
QS is the world's leading  
University Ranking organization





# UNDER-GRADUATE PROGRAMS

## B.Sc. (Hons.) Physics

**PROGRAM OVERVIEW:** Studying physics can help to develop a range of skills that can be applied in many areas, both scientific and technical. These skills include: Problem solving using various analytical approach. Reasoning - constructing logical arguments, applying analytical skills and complex problems.

Numeracy - skills in using mathematics to find solutions to problems, mathematical modelling and graphical information.

Practical skills - planning, executing and reporting experiments. Information and communication technology (ICT) - including specialist software packages and some programming

**DURATION:** 3 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with minimum 50% marks

**CAREER AVENUES:** Student can pursue masters from IIT by cracking IITJAM or from any other university on Physics and earn a Ph.D later on. They can also do Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc.

## B.Sc. (Hons.) Chemistry

**PROGRAM OVERVIEW:** Provide a backbone in all the traditional branches of physical, inorganic, organic and analytical chemistry. The course has been designed to have insight in almost all the aspects of chemistry and to build a solid foundation in the subject to choose a career in industry / academics or research. Also, the course provides a good measure of flexibility and gives choices to select electives.

**DURATION:** 3 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with minimum 50% marks.

**CAREER AVENUES:** The employment areas for the B.Sc. Chemistry graduates include pharmaceutical industries, chemical manufacturers, forensic science department, plastic industries, agrochemical industries, etc. The chemistry graduates can also be recruited in other fields such as oil, gas and power sectors and even in defense services. The B.Sc chemistry graduates have many options for their higher studies like master's degree in the same. Some of the higher study options after B.Sc Chemistry Honors are: M.Sc. in Chemistry, Analytical Chemistry, Drug Chemistry, Organic Chemistry, Inorganic Chemistry, Pharmaceutical Chemistry, Physical & Materials Chemistry. Student can pursue masters from IIT by cracking IITJAM or

from any other university on Physics and earn a Ph.D later on. They can also do Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc.

## B.Sc. (Hons.) Forensic Science

**PROGRAM OVERVIEW:** Forensic Science is primarily concerned with the application of scientific principles for the investigation of crime. Using the very latest in technology, Forensic Scientists convert the clues collected from a crime scene into evidence admissible in a court of law. It is the use or application of science in courts or legal proceedings. This is a challenging and interesting field for those who are inquisitive and loves adventure.

The objective of this course in B.Sc. Forensic Science is to create professionals who will apply their knowledge, in an essentially crime laboratory-based profession, to the investigation of crime. But the expertise of a forensic professional is also used in civil cases for issues like proving the validity of a signature on a will, to a claim of the products liability, to find out whether an industry is complying with environmental rules.

**DURATION:** 3 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with minimum 50% marks.

**CAREER AVENUES:** • Public Forensic Science Laboratories as Medical Examiner, Laboratory Analyst

- Banks and Insurance Agencies: HSBC, CITI Bank, ICICIC, HDFC etc
- Detective and Security Agencies like Secret Watch Detective, Top Secret Detective Agency
- Pharmaceutical Companies: Dr. Reddy's, Pfizer, GSK, CIPLA, Novartis etc
- Testing Laboratories: DTH, SRL Ranbaxy

## B.Sc. (Hons.) Bio-Chemistry

**PROGRAM OVERVIEW:** Biochemistry is a central basic discipline to all branches of Biology/ Life Sciences. B.Sc Biochemistry course will provide the students a grounding in a subject that forms the basis of virtually all of the biological sciences. Many exciting discoveries made in this area have contributed to our understanding of life, the solving of medical problems, and to the discovery and production of safe and effective drugs. The 3 year undergraduate programme aims to impart a thorough knowledge of the principle and theories pertaining to the different areas of Biochemistry such as Molecular Biology, Genetic Engineering, Biotechnology,



Bioinformatics, Cell signalling, Microbial Cellular Communication, Immunology. In addition, the programmes aim at imparting academic excellence, personality development, systematic and disciplined work and scientific temper among students to face the challenges in the field of Biosciences.

**DURATION:** 3 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with minimum 50% marks

**CAREER AVENUES:** B.Sc. (Hons) Biochemistry is a course through which students can find ample job opportunities in Medical industry, research labs, agriculture, pharmaceutical companies, academic institutions etc. Within these sectors, professionals can find job profiles like that of a Clinical Researcher, Research Scientist etc.

## B.Sc. (Hons.) Polymer Science

**PROGRAM OVERVIEW:** Polymer scientists are chemists that modify polymers to create useful materials that have unique properties. Scientists generally need a graduate level degree and some work experience to operate in this high-tech industry. Undergraduate work in chemistry followed by graduate work in polymer science, organic or materials chemistry is good preparation. Specializing in polymer science gives polymer scientists educational tools to construct, design and understand polymers. Graduate degrees in these fields focus on research, teaching, examinations, seminars and work specialization.

**DURATION:** 3 Years

**FEE:** Rs. 50,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with minimum 50% marks.

**CAREER AVENUES:** Many scientists work on designing and creating new polymer materials. Moreover polymer graduates can work in various MNCs which are there in polymer industries. Polymer engineers work primarily in the field of plastics development. They may help to develop new plastics or assist in the testing and evaluation of products. Polymer engineers may be expected to maintain a laboratory or oversee other employees in working on a product or process.

## B.Sc. (Hons.) Microbiology

**PROGRAM OVERVIEW:** The B.Sc., programme of three years is designed to help all the students to get good quality education in the field of Microbiology so that they can pursue Post Graduation or find employment. The ultimate aim is to enable the students to develop an integrated approach for understanding the various life science problems at the molecular level. In addition, the present curriculum gives scope for the students entering different modules to update their knowledge depending upon the employment opportunities in

each area. The course will provide solid foundation for all the students regardless of background and will gain a comprehensive understanding of the microbial tools, microorganisms and allied areas, including clinical and research aspects and with the special attention to current development in the discipline..

**DURATION:** 3 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Chemistry and Biology with a minimum of 50 % marks

**CAREER AVENUES:** After completion of this course candidate can work as Bacteriologist, Biochemist, Geneticist, and Industrial Microbiologist, Food Microbiologist, Ecologist, Environmental Microbiologist Medical Microbiologist, Weed Scientist, Science Adviser, Research Development, in Multinational Companies, Public Sectors, Quality Control Labs, Biopharmaceuticals companies, Food industries as well as in Universities and the present curriculum will cater to that needs.

## B.Sc. (Hons.) Biomedical Sciences

**PROGRAM OVERVIEW:** The B.Sc. (Hons) Biomedical Science is an interdisciplinary course concerns with the topics to understand the biological principles that govern the functioning of the human body, to discover the mechanisms of any disease and to find new and distinct ways to cure a disease by developing advanced diagnostic tools or new therapeutic strategies. This 3 year undergraduate programme is suitable for those students who are interested in Biomedical Sciences and have a scientific bent of mind along with interest in experiments. This course is designed to provide students with a broad understanding of the scientific basis of human health and disease, covering basic aspects of cell and molecular biology, anatomy, physiology etc.

**DURATION:** 3 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Chemistry and Biology with a minimum of 50 % marks in aggregate.

**CAREER AVENUES:** The career options for B.Sc. Hons. Biomedical Sciences graduates include employment in areas like Colleges & Universities, Hospitals, Pharmaceutical Companies, Labs etc. On completion of this course, students can get jobs with various job profiles such as Clinical Research Coordinator, Medical Transcript, Clinical Data Analyst, Research Assistant, Biostatistics & Programming Manager, Clinical Data Analyst, Lab Manager.

## B.Sc. (Hons.) Biological Sciences

**PROGRAM OVERVIEW:** B.Sc. Biological Science is an undergraduate course in the specialty of science concerned with the investigation of the life and living life forms, including their conception, structure, work, development, advancement, dissemination, and scientific categorization.



**DURATION:** 3 Years **FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Chemistry and Biology with a minimum of 50 % marks in aggregate

**CAREER AVENUES:** B.Sc. (Hons) Biological Sciences graduates are hired in capacities such as Consultant, Museum Educator, Biotech Engineer, Pharmaceuticals, Food Processing, Biophysicist, Epidemiologist, Food Scientist, Immunologist, Nutritionist, Technician, Biology- based Content Developer etc.

## B.Sc. Environmental Science

**PROGRAM OVERVIEW:** : B.Sc. Environmental Science is an undergraduate course in the specialty of effects of physical, chemical, and biological conditions of the environment and their effect on organisms, including social awareness along with sustainable use and conservation of natural resources.

**DURATION:** 3 Years **FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XII with Science with a minimum of 50 % marks in aggregate.

**CAREER AVENUES:** B.Sc. (Hons) Environmental Sciences graduates are hired in capacities such as Environmental consultant, Environmental education officer, Recycling officer, Marine biologist, Nature conservation officer, Environmental manager, Sustainability consultant etc.

## B.Sc. (Hons) Mathematics

**PROGRAM OVERVIEW:** Mathematics is a useful tool to solve problems in science, engineering and society. With the advent of computer age, application of Mathematics has been accelerated exponentially to solve problems in the field of Science, Engineering & Technology, Medical, Space Science, Economics, Business, Management and Environment. The objective of this program is to develop a sound basis in Mathematics and to kindle the students' interest in possible areas of application by developing an appreciation of the diversity of Mathematics. *The program is about the intricacies of the mathematical concepts and theories applied in the real life situations like data analysis, statistics, economics, business and banking, artificial intelligence etc.* The program has a judicious mix of courses in algebra, calculus, analysis, geometry and demand able programming languages & software tools that are required to become a skilled professional.

**DURATION:** 3 Years **FEE:** Rs. 56,000/- p.a.

**ENTRY REQUIREMENTS:** XII science or commerce with 50 % marks in aggregate with mathematics as one of the subjects

**CAREER AVENUES:** B.Sc.(Hons) Mathematics graduates can follow teaching profession by teaching in various reputed private and government institutions. B.Sc maths degree holders are also required in Business services, Banking and Government Jobs, Investment and Insurance among many other employment areas. This degree course also helps

students in building a good foundation base for pursuing higher studies. Student can pursue masters from IIT by cracking IIT JAM or from any other university on Mathematics and earn a Ph.D later on. They can also do Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc. Student can pursue M.Tech by cracking GATE. After M.Tech you can get place in some PSUs or some reputed MNCs.

## B.Sc. (Hons) Instrumentation

**PROGRAM OVERVIEW:** Bachelor of Science in Instrumentation is an undergraduate course which deals with the science of measurement and control of process variables within a manufacturing or production area. It also includes digital and analogue, electronics, principles of network technologies, computer architecture, engineering materials, applied mathematics, mechanical principles, and design of electronic product.

**DURATION:** 3 Years **FEE:** Rs. 55,000/- p.a.

**ENTRY REQUIREMENTS:** XII (Science) with minimum 50 % marks in aggregate.

**CAREER AVENUES:** The course is career oriented in nature that opens many scopes after its completion. B.Sc. (Hons) Instrumentation graduates are hired as Instrumentation Executives, designer, Instrumentation manager, consultants, instructor and operator in the field of Bioinformatics, food industry, biotechnology and pharmaceutical industries, R & D institutes etc. Student can pursue masters from IIT by cracking IITJAM or from any other university and earn a Ph.D later on. They can also do Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc.

## B.Sc. (Hons) Electronics

**PROGRAM OVERVIEW:** BSc (Hons) Electronics is an undergraduate course which is a combination of science, technology and engineering. It deals with the study of electrical circuits, electromagnetic, analogue electronics, optoelectronics and digital system design.

**DURATION:** 3 Years **FEE :** Rs. 56,000/- p.a.

**ENTRY REQUIREMENTS:** XII (Science) with 50 % marks in aggregate.

**CAREER AVENUES:** B.Sc. (Hons) Electronics graduates have plenty of opportunities in the field of Aerospace centers, Defense, civil aviation department, Indian railways, design, testing and production, All India Radio, Aeronautics, banking, finance, information technology, automobiles, marketing and automation. Student can pursue masters from IIT by cracking IITJAM or from any other university and earn a Ph.D later on. They can also do Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc





# POST-GRADUATE PROGRAMS

## M.Sc. Physics

**PROGRAM OVERVIEW:** M.Sc. in physics will cover a wide range of topics in physics with an element of specialization in the research activities within the department, such as condensed matter physics, Nuclear Physics, Electronics, Computational Physics. The programme will enable physics graduates to explore advanced physics topics and to specialize in a selected area by undertaking a significant piece of research work for their dissertation.

**DURATION:** 2 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** B.Sc. (3 years) with minimum 50% marks aggregate.

**CAREER AVENUES:** Student can pursue M.Tech by cracking GATE. After M.Tech you can get placed in some PSUs or some reputed MNCs. the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

**Job prospects includes:-**

- Researcher
- Teacher
- Scientist
- Lab Supervisor
- Technician
- Research Associate
- Radiolist

## M.Sc. Chemistry

**PROGRAM OVERVIEW:** This course imparts basic and applied knowledge in the various branches in Chemistry with an aim to produce good academics, researchers and professionals in the field. Master's degree course in chemistry deals with the studies of the chemistry and its applications in various fields. It basically deals with atoms and other particles like Electron, Proton and Neutron. It mainly deals with the chemical aspects of the various elements and its properties and utilizations. It includes the studies and research in the fields of Nuclear Chemistry, Nuclear power plants and about the surrounding elements and elements which are under the earth. It imparts knowledge of concepts like molecules matter & energy, fundamental chemistry for physical scientists and bio scientists, biochemistry, drug chemistry, chemical reactions and chemical skills.

**DURATION:** 2 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** B.Sc (3 years) with minimum 50% marks aggregate

**CAREER AVENUES:** The employment areas for the MSc Chemistry post graduates include pharmaceutical industries, chemical manufacturers, forensic science department, plastic industries, agrochemical industries, etc.

The chemistry graduates can also be recruited in other fields such as oil, gas and power sectors and even in defense services. Student can pursue M.Tech by cracking GATE. After M.Tech you can get placed in some PSUs or some reputed MNCs. the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Forensic Science

**PROGRAM OVERVIEW:** Forensic science is primarily concerned with the application of scientific principles for the investigation of crime. Forensic science is the acquisition and analysis of scientific data for application to the study and resolution of crime, investigation, civil and regulatory issues, and criminal identification. Using the very latest in technology, forensic scientists convert the clues collected from a crime scene into evidence admissible in a court of law. It is the use or application of science in courts or legal proceedings. This is a challenging and interesting field for those who have are inquisitive and loves adventure.

**DURATION:** 2 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** B.Sc. in Forensic Science, Basic Health or Allied Science with 50% marks in aggregate

**CAREER AVENUES:** • Public Forensic Science Laboratories as Medical Examiner, Laboratory Analyst

- Banks and Insurance Agencies: HSBC, CITI Bank, ICICIC, HDFC etc
- Detective and Security Agencies like Secret Watch Detective, Top Secret Detective Agency
- Pharmaceutical Companies: Dr. Reddy's, Pfizer, GSK, CIPLA, Novartis etc.
- Testing Laboratories: DTH, SRL Ranbaxy
- The students can attempt to qualify reputed national eligibility examinations, such as UGC-NET/JRF, Qualifying this examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Bio-Chemistry

**PROGRAM OVERVIEW:** The aim of the two-year postgraduate course in Biochemistry is to develop a scientific aptitude in the students and to motivate them for research in Biochemistry. The course will provide solid foundation for all the students regardless of background will gain a comprehensive understanding of the principles of Biochemistry to an advanced level, including clinical and research aspects and with the special attention to current development in the discipline. By the end of the course, students gain expertise in the latest biochemical techniques and learn to appreciate the



applications of the basic sciences to the field of modern research.

**DURATION:** 2 Years

**FEE :** Rs. 56,000/- p.a.

**ENTRY REQUIREMENTS:** Graduation in Botany/ Zoology/ Biochemistry/ Biotechnology/ Microbiology/ Biomedical Sciences/ Genetics/ Medicine/ Agriculture/ Life Sciences/ Chemistry/ Pharmacy with a minimum of 50 % marks in aggregate.

**CAREER AVENUES:** The M.Sc., programme of two years is designed to help all the students to get good quality education in the field of Biochemistry so that they can find employment in varied pharmaceutical companies, molecular biology research labs, various teaching institutes, medical colleges, etc. The ultimate aim is to enable the students to develop an integrated approach for understanding various problems associated with life sciences at the molecular level. After completion of M.Sc. Biochemistry degree course, the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Polymer Science

**PROGRAM OVERVIEW:** MSc in polymer chemistry is a multi-disciplinary post graduate course that includes properties and synthesis of various polymers and macromolecules. Substantial increase in the industrial opportunities has been observed in the diverse sectors of polymer industries to generate and develop new products and processes.

**DURATION:** 2 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** Graduation degree in science with minimum 50% marks aggregate and Chemistry as one of the subjects.

**CAREER AVENUES:** Major prospects of Polymer Chemistry include PhD or follow a career in industrial polymer synthesis. These post graduates have career opportunities in Petrochemical, Packaging, Sports, Pharmaceuticals, Perfumes & Preservatives, Plastic Materials etc. the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Microbiology

**PROGRAM OVERVIEW:** M.Sc Microbiology covers the theoretical and practical knowledge of microorganisms and their effect on humans. This 2 year post-graduate is divided into four semesters. The delivery methods for this course involve theoretical classes, lab work, hands-on practical training, workshops etc.

**DURATION:** 2 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** Graduation in Botany/ Zoology/ Biochemistry/ Biotechnology/ Microbiology/ Biomedical

Sciences/ Genetics/ Medicine/ Agriculture/ Life Sciences/ Chemistry/ Pharmacy from any recognized university or equivalent examination with a minimum of 50 % marks in aggregate

**CAREER AVENUES:** With a degree in microbiology, students can get opportunities in various fields like healthcare organizations, forensic science laboratories, environmental organizations, higher education institutions, food and drink, publicly funded research organizations, pharmaceuticals and many other industries. the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Biomedical Sciences

**PROGRAM OVERVIEW:** M.Sc. in Biomedical Sciences is a 2- year post graduate programme designed to equip students with the generic skills of a researcher in Biomedical Sciences and its application to healthcare and public health. Streams related to the course are microbiology, pathology, biochemistry, cell, and molecular biology, biomedical engineering, organic chemistry, genetics, pharmacology, clinical, pharmacy, applied chemistry, etc. During the course, the candidates will study processes to get more knowledge of curing a disease and will learn the application of natural science to medicine. The course is intended to train students with the important aptitudes of a Specialist in Biomedical Sciences, and Sub-Atomic Sciences etc.

**DURATION:** 2 Years

**FEE :** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** XGraduation in Botany/ Zoology/ Biochemistry/ Biotechnology/ Microbiology/ Biomedical Sciences/ Genetics/ Medicine/ Agriculture/ Life Sciences/ Chemistry/ Pharmacy from any recognized university or equivalent examination with a minimum of 50 % marks in aggregate.

**CAREER AVENUES:** The students can attempt The students can attempt examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

They may also find lucrative employment opportunities in healthcare industries like Pharmaceutical Industries, Medical Research, Genetic Engineering, Lab Technology and Pharmaceutical Sales, research institutes or areas like Material Science, Biomedical Science, Chemical and Physical Science and Engineering.

## M.Sc. Biological Sciences

**PROGRAM OVERVIEW:** M.Sc Biological Sciences is a two year post graduate programme that is designed to equip the students with generic skills of a researcher in biomedical sciences, ecology, evolution and behaviour or plant molecular sciences. This programme gives students a broad base of knowledge in the life sciences. Biological sciences covers a



broad range, from structure and function of nucleic acid to the feeding behavior of animals. Therefore, this programme provides a diversity of opportunities for research and higher education in biology.

**DURATION:** 2 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** Graduation in Botany/ Zoology/ Biochemistry/ Biotechnology/ Microbiology/ Biomedical Sciences/ Genetics/ Medicine/ Agriculture/ Life Sciences/ Chemistry/ Pharmacy from any recognized university or equivalent examination with a minimum of 50 % marks in aggregate.

**CAREER AVENUES:** The graduates are hired in capacities such as Consultant, Biotech Engineer, Pharmaceuticals, Food Processing, Researcher, Biophysicist, Epidemiologist, Food Scientist, Immunologist, Nutritionist, Technician, Biology-based Content Developer etc. The students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, DBT-NET/JRF, ICAR-NET/JRF to name a few. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Environmental Science

**PROGRAM OVERVIEW:** M.Sc. Environmental Science is a postgraduate course deals with the effects of physical, chemical, and biological conditions of the environment and their effect on organisms, including social awareness along with sustainable use and conservation of natural resources. M.Sc. Environmental Science is a 2 year- long course divided into 4 semesters.

**DURATION:** 2 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** B.Sc. with a minimum of 50 % marks in aggregate

**CAREER AVENUES:** M.Sc. (Hons) Environmental Sciences postgraduates are hired as Environmental consultant, Environmental education officer, Recycling officer, Marine biologist, Nature conservation officer, Environmental manager, Sustainability consultant etc. the students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF. Qualifying these examinations can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Mathematics

**PROGRAM OVERVIEW:** M.Sc. Mathematics is a postgraduate course that deals with the study of structure, quantity, change and space. It is a zenith of in-depth knowledge of geometry, calculus, trigonometry and other theories. It also explores other significant topics like statistics and Computer Science.

**DURATION:** 2 Years

**FEE:** Rs. 56,000/- p.a.

**ENTRY REQUIREMENTS:** BSc with 50 % marks in aggregate.

**CAREER AVENUES:** M.Sc. (Hons) Mathematics postgraduates can follow teaching profession by teaching in various reputed private and government institutions. M.Sc maths degree holders are also required in Business services, Banking and Government Jobs, Investment and Insurance among many

other employment areas. This degree course also helps students in building a good foundation base for pursuing higher studies. Students can pursue M.Tech by cracking GATE. After M.Tech they can be placed in some PSUs or some reputed MNCs. The students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF. Qualifying this examination can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Instrumentation

**PROGRAM OVERVIEW:** M.Sc. Instrumentation is a postgraduate course which deals with the science of measurement and control of process variables within a manufacturing or production area. It also includes digital and analogue, electronics, principles of network technologies, computer architecture, engineering materials, applied mathematics, mechanical principles, and design of electronic product.

**DURATION:** 3 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** BSc with 50 % marks in aggregate.

**CAREER AVENUES:** The course is career oriented in nature that opens many scopes after its completion. M.Sc. Instrumentation postgraduates are hired as Instrumentation Executives, designer, Instrumentation manager, consultants, instructor and operator in the field of Bioinformatics, food industry, biotechnology and pharmaceutical industries, R & D institutes etc. Student can pursue M.Tech by cracking GATE. After M.Tech you can get placed in some PSUs or some reputed MNCs. Student can also opt for Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc. The students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, Qualifying this examination can help them enroll for Ph.D. programs in prestigious institutes.

## M.Sc. Electronics

**PROGRAM OVERVIEW:** MSc Electronics is a postgraduate course which is a combination of science, technology and engineering. It deals with the study of electrical circuits, electromagnetic, analogue electronics, optoelectronics and digital system design.

**DURATION:** 3 Years

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** BSc with 50 % marks in aggregate.

**CAREER AVENUES:** M.Sc. Electronics postgraduates have plenty of opportunities in the field of Aerospace centers, Defense, civil aviation department, Indian railways, design, testing and production, All India Radio, Aeronautics, banking, finance, information technology, automobiles, marketing and automation. Student can pursue M.Tech by cracking GATE. After M.Tech you can get placed in some PSUs or some reputed MNCs. Student can also opt for Integrated Ph.D by applying and getting a good rank in JEST, TIFR and IISER etc. The students can attempt to qualify reputed national eligibility examinations, such as CSIR-NET/JRF, Qualifying this examination can help them enroll for Ph.D. programs in prestigious institutes.



# DOCTORAL PROGRAMS



## Ph.D. in Forensic Science

**PROGRAM OVERVIEW:** A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

**DURATION:** Cwork1+2 **FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

## Ph.D. in Chemistry

**PROGRAM OVERVIEW:** A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

**DURATION:** Cwork1+2 **FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

## Ph.D. in Bio-Chemistry

**PROGRAM OVERVIEW:** Eligibility Notes : A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

**DURATION:** Cwork1+2

**FEE:** Rs. 60,000/- p.a.

**ENTRY REQUIREMENTS:** Eligibility Notes : A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

## Ph.D. in Physics

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## Ph.D. in Mathematics

**PROGRAM OVERVIEW:** A Master's degree from a recognised Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

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## **Galgotias University Students Interaction with IIT Delhi Research Scholar (Researcher Explaining about the SCFE unit)**





# Student's Club and Societies

At Galgotias University, students are encouraged to become a member of different clubs committees. With over 30 different clubs, galgotias university connects students to a platform where they can exchange knowledge, build awareness, and receive recognition.

Martial Arts Club

Apes Club

Galgotias Riding Club

Grace Club

Dramatics Club

Fine Arts Club

Humans of Gal

Galgotias Dance Club-Studio D

Galgotias Photography Club-Camcircle

Galgotias Gaming Club - F.R.A.G.

Galgotias Robotcs & Innovation CLub

Note Veda - The Music Club

Mechelites Motorsports Club

Scintillations-THe Fashion Club

Spic Macay Club

Lingo-Freaks-The Literary Club

Galgotias Youth Parliament

Multicultural Business Scholars Club

Quizita Mavens - Galgotias Quiz Club

Gu Management Club

The Humanity Saviours

The Creative Club

Galgotias Sports Society

Verve Club



Martial Arts Club



Apes Club



Galgotias Riding Club



Grace Club



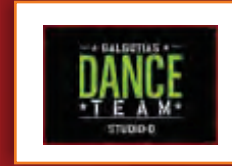
Dramatics Club



Fine Arts Club



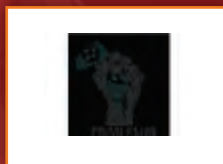
Humans of gal



Galgotias Dance Club-Studio D



Galgotias Photography Club-Cam Circle



Galgotias Gaming Club - F.R.A.G.



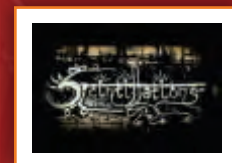
Galgotias Robotics & Innovation Club



Note Veda - The Music Club



Mechelites Motorsports Club



Scintillations The Fashion Club



Spic Macay Club



Lingo-Freaks-The Literary Club



Galgotias Youth Parliament



Multicultural Business Scholars club



Quizita Mavens - Galgotias Quiz Club



GU Management Club



The Humanity Saviours



The Creative Club



Galgotias Sports Society



Verve Club



# ON-CAMPUS HOSTEL

YOUR HOME AWAY FROM HOME

Living in the hostel can teach one more than what they would have learnt in the classroom. In fact, there are some things only living away from home can teach.



**1400 SEATER** (AC/NON-AC HOSTEL)

## BOYS HOSTEL FACILITIES

### LEVEL 0 >

- CR001 ▶ SQUASH COURT
- CR002 ▶ FITNESS CENTRE
- CR003 ▶ BADMINTON COURT
- CR004 ▶ HAIR SMART LAUNDRY

### LEVEL 1 >

- CR101 ▶ TV LOUNGE
- CR102 ▶ POOL ROOM

### LEVEL 2 >

- CR201 ▶ YOGA, MEDITATION AND MARTIAL ARTS ROOM
- CR202 ▶ TABLE TENNIS ROOM

### LEVEL 3 >

- CR301 ▶ DANCE ROOM
- CR302 ▶ CARROM ROOM

### LEVEL 4 >

- CR401 ▶ SNOOKER AND BILLIARDS ROOM
- CR402 ▶ DART ROOM

### LEVEL 5 >

- CR501 ▶ READING ROOM
- CR502 ▶ PROJECTION LOUNGE

### LEVEL 6 >

- CR601 ▶ AIRHOCKEY AND FOOS BALL ROOM
- CR602 ▶ MUSIC ROOM

### LEVEL 7 >

- CR701 ▶ PLAY STATION AND X BOX ROOM
- CR702 ▶ INDOOR GOLF ROOM

### LEVEL 8 >

- CR801 ▶ COMMON LOUNGE
- CR802 ▶ COMMON LOUNGE

### LEVEL 9 >

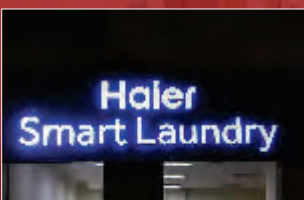
- CR901 ▶ COMMON LOUNGE
- CR902 ▶ COMMON LOUNGE

## BOYS HOSTEL FEE ( In Campus)

2 Seater (AC)	Rs.1,40,000/- p.a.
2 Seater (Non-AC)	Rs. 1,10,000/- p.a.

## GIRLS HOSTEL FEE ( In Campus)

3 Seater (AC)	Rs.1,40,000/- p.a.
3 Seater (Non-AC)	Rs. 1,15,000/- p.a.

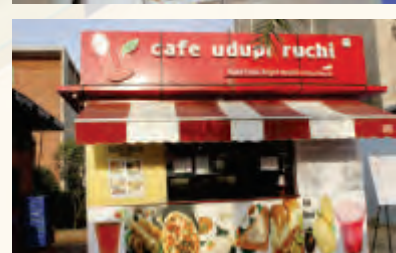






# ON-CAMPUS CAFETERIAS

Galgotias University has a well ventilated, spacious, centrally-located dining hall and cafeteria that provide wholesome fare to all students. The dining hall is managed by professional staff who provide hygienic and fresh vegetarian food. The cafeteria offers a good menu of multi-cuisine delights, amidst a lively, jolly atmosphere. An exclusive corner sponsored by WHSmith outlet. There are water coolers with Zero-B for safe drinking water on all the floors of every building. Haier laundry service (with app enabled)



## GROUND FACILITIES

- 3 Basketball & Badminton Ground
- 2 Football & Hockey Ground
- One Squash Room
- 4 Table Tennis & Volleyball Ground
- 2 Athletics Room
- 2 Cricket Ground



## MARTIAL ARTS

Galgotias Martial Arts Club has an aim to provide training in Karate and Self Defence to the students of Galgotias.

## HORSE RIDING

It was the first time in Galgotias University that the Horse Riding Club was established for giving something new and best opportunity to all the students free of cost with all the safety and precautions.



*Dining by*  
**sodexo**

The food is outsourced to Sodexo which means the food is of good standards as Sodexo is one of the biggest food providers for educational institutes in the nation and has maintained its good reputation. It not just provides food, but also takes care of the maintenance and cleaning.





# GALGOTIAS CULTURAL EVENTS







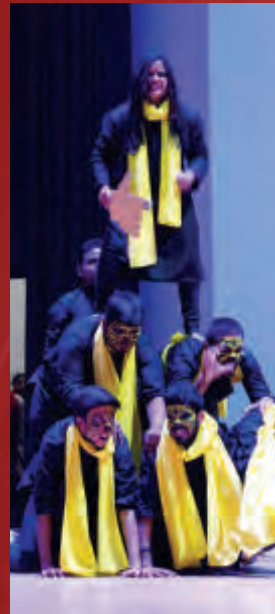












# **GALGOTIAS UNIVERSITY**

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Contact : 0120-4370000, 9810162221, 9582847072 Email: [admissions@galgotiasuniversity.edu.in](mailto:admissions@galgotiasuniversity.edu.in)

Website: [www.galgotiasuniversity.edu.in](http://www.galgotiasuniversity.edu.in)