



COLLEGE DEHRADUN

NAAC ACCREDITED

"A Government University Degree, approved by all Statutory Councils and globally accepted for Government and Private sector careers."

***Inspiring Knowledge. Building Character
Creating Leaders.***

Guru Nanak College, Dehradun is committed to delivering quality education through academic excellence, ethical values, and holistic development, preparing students to become skilled professionals and responsible citizens in a dynamic global environment.



 **Jhajra, Dehradun**

 **+91 7300900900**

 **www.gnc.edu.in**



GROUP OF COLLEGES
DEHRADUN

NAAC ACCREDITED



Master of Science in Microbiology

The Master of Science in Microbiology (M.Sc. Microbiology) is an undergraduate program that focuses on the study of Microorganisms, including Bacteria, Viruses, Fungi, and Protozoa. This program provides students with a comprehensive understanding of Microbial Biology, their roles in Health, Disease, and the Environment, as well as their applications in various industries. The M.Sc. Microbiology program typically spans three years, divided into Four Semesters, combining theoretical coursework with Practical Laboratory Training.



About Us



BFIT is one of the colleges under Guru Nanak Group of Colleges & is one among the leading Institutions of India, situated in the serene and academically vibrant city of Dehradun, has established itself as a prestigious centre of higher education since 2002. The college has become a top college in the region because of its expertise in studies. It has gained recognition as one of the most prestigious college in Dehradun despite its short history.

Baba Farid Institute of Technology collaboration with Career Buddy Club (CBC) is a special feature that distinguishes it from other colleges. CBC is a Dubai-Based firm known for its extensive career guidance & mentoring. The college's commitment to career readiness has resulted in a remarkable job placement, rate of up to 100% for graduates due to this partnership. The collaborations with CBC India & CBC Dubai further expand employment possibilities. India Accelerator's partnership exemplifies the college's commitment to developing entrepreneurial talent among students, which can help transform innovative ideas into successful ventures.

Baba Farid Institute of Technology (BFIT) culture is deeply committed to nurturing the development of the next generation of Microbiologist, Pharmaceutical professionals, Paramedics, Nurses. This commitment goes beyond just teaching academic excellence. Through its diverse course offerings, it advocates for the belief that education is a crucial factor in personal & societal advancement.

Affiliation

The Master of Science in Microbiology (M.Sc. Microbiology) program in Baba Farid Institute of Technology (BFIT) is affiliated with Hemwati Nandan Bahuguna Garhwal University (HNBGU), ensuring high educational standards and a strong foundation in Microbiology for students pursuing careers in Microbiology related fields.



**Hemwati Nandan Bahuguna
Garhwal University
(HNBGU)**

Jhajra Chakrata Road, Dehradun, Uttarakhand, India - 248007

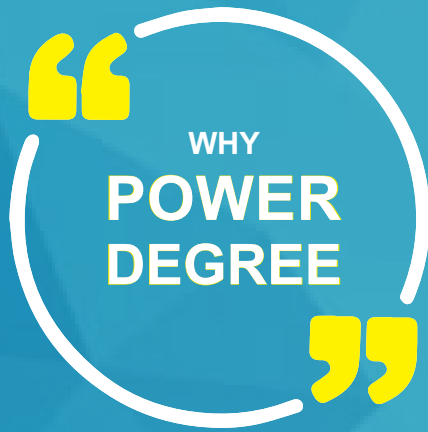
Career Opportunities

- **Microbiologist:** Conduct research and analysis on microorganisms in laboratories, focusing on their roles in health, disease, and the environment.
- **Clinical Microbiologist:** Work in healthcare settings to diagnose infections by analyzing clinical samples and identifying pathogens.
- **Quality Control Analyst:** Ensure the safety and quality of products in the pharmaceutical, food, and beverage industries by testing for microbial contamination.
- **Environmental Microbiologist:** Study microorganisms in natural environments, focusing on their impact on ecosystems and bioremediation efforts.
- **Research Scientist:** Engage in research projects in academic or industrial settings, contributing to advancements in microbiology and biotechnology.
- **Biotechnologist:** Apply microbiological knowledge in biotechnology industries, focusing on the development of products and processes.
- **Pharmaceutical Sales Representative:** Promote and sell pharmaceutical products related to microbiology in healthcare settings.
- **Laboratory Technician:** Assist in laboratory operations, performing tests and analyses under the supervision of senior scientists.
- **Food Microbiologist:** Work in the food industry to ensure food safety and quality by testing for microbial contamination and developing preservation methods.
- **Public Health Microbiologist:** Work with government agencies or NGOs to monitor and control infectious diseases and promote public health initiatives.



Research opportunities

- **Antibiotic Resistance:** Investigate the mechanisms of antibiotic resistance in bacteria and explore potential solutions to combat resistant strains.
- **Pathogen Characterization:** Study the characteristics, transmission, and virulence factors of pathogenic microorganisms, including bacteria, viruses, and fungi.
- **Microbial Ecology:** Research the roles of microorganisms in various ecosystems, including soil, water, and human microbiomes, and their impact on environmental health.
- **Vaccine Development:** Engage in research focused on the development and testing of vaccines for infectious diseases.
- **Bioremediation:** Explore the use of microorganisms in the cleanup of contaminated environments, such as oil spills or heavy metal pollution.
- **Food Microbiology:** Study the role of microorganisms in food safety, spoilage, and fermentation processes, and develop methods to enhance food preservation.
- **Clinical Microbiology:** Conduct research on the diagnosis and treatment of infectious diseases, including the development of rapid diagnostic tests.
- **Biotechnology Applications:** Investigate the use of microorganisms in biotechnology for the production of enzymes, biofuels, and other valuable products.
- **Immunology:** Research the interactions between microorganisms and the immune system, focusing on how pathogens evade immune responses.
- **Public Health Microbiology:** Study the epidemiology of infectious diseases and the effectiveness of public health interventions in controlling outbreaks.



POWER DEGREE

Power Degree, by CBC, is a Job Guarantee Program designed to train fresh graduates to the highest industry standards. Through partnerships with leading industry players, we provide job assurance, and this program can be seamlessly integrated with any degree.

- ➔ **Your Gateway to Success:** Join the ranks of our successful graduates who have conquered the job market with a 100% placement rate. Your journey to a secure future begins here.
- ➔ **Tailored to Triumph:** Our program is designed to meet market demands, making you an asset in any industry. Embrace an education that's not just theoretical, but it's transformative.
- ➔ **Invest in Your Future:** Make a decision that counts. With the Job Guarantee Degree Program at CBC, you're not just gaining a degree; you're securing a career.
- ➔ **Ongoing Alumni Assistance:** Beyond graduation, our robust alumni network and career services will guide your continuous growth.
- ➔ **Don't let uncertainty define your journey.** Choose CBC's Job Guarantee Degree Program and carve your path toward a future filled with promise and prosperity.
- ➔ **Explore the Unmatched Benefits of Our Program!**



4 Industry Integrated Certifications



60+ hrs Personalized Mentorship



Fresher focused Job Portal



Pre Employment Training



200+ Skill Assessment Tests



4-6 Months On Job Training



Gain insightful industry experience from 50+ Microbiology Industry Experts



50+ Job Interviews



Become Job-Ready

Placements



1000+

Recruiters



30+

Fortune 500
Companies



30 Lac

Highest
Package PA



150+

MNCs

INDUSTRY ASSOCIATIONS



Eligibility

Master of Science in Microbiology

M.Sc. Microbiology



Eligibility Criteria

- B.Sc. (Botany, Chemistry, Zoology) with 45% for GEN/OBC/EWS and for SC/ST as per University rules.

FEE STRUCTURE FOR ACADEMIC SESSION 2026-27

COURSE	:	Master of Science in Microbiology
DURATION	:	2 Years
AFFILIATED FROM:		Hemwati Nandan Bahuguna Garhwal University (HNBGU)

	I Year	II Year
Registration Fee	1200	-
Admission Charges	8000	-
Tuition Fee	55,000	55,000
Lab, Library, Medical Consultation & Ambulance Service	4800	4800
ERP Membership	1500	1500
Total	70,500	61,300

ACCOMMODATION CHARGES

Categories	Standard W/O Package	Standard With Package	Deluxe (Non AC) W/O Package	Deluxe (Non AC) With Package
Four Sharing Room	Rs.65,000/-	Rs.58,000/-	Rs.78,000/-	Rs.68,000/-
Three Sharing Room	Rs.78,000/-	Rs.70,000/-	Rs.90,000/-	Rs.80,000/-
Two Sharing Room	Rs.90,000/-	Rs.80,000/-	Rs.1,00,000/-	Rs.90,000/-
Hostel Enrollment & Furnishing Fee: Rs.5,000/- (To be paid once)		Laundry Charges: Rs.4800/- Per Year		

AC Deluxe rooms are available at an additional cost of Rs.15,000/- (without package) or Rs.10,000/- (with package).

OTHER CHARGES

Examination Fee (Internal,Viva Practical, Job assesment, VAC) : Rs.5000 (Per Sem).
Examination Fee : External Theory & University Registration applicable as per University Norms (As Per Actuals).
Uniform : Rs.5999/- (To be paid once)

NOTE

- ❖ Career Development, Recruitment & Entrepreneurship: Ref - Power Degree by Career Buddy Club.
- ❖ Dissertation Charges: Rs.5,000/- (To be paid in final year) as per the university curriculum.
- ❖ Transportation Fee (Optional): Applicable for transportation to and from Dehradun city & around for day scholars as per distance.
- ❖ Transportation Fee (Optional): Applicable for internship/clinical posting/On-Job Training for both hostellers & day scholars as per distance.
- ❖ Package seats are offered for the complete duration of course only & Tuition Fee of these courses include other charges except Examination Fee.

RULES & REGULATIONS

- ❖ Schedule of Depositing Yearly Fee is 1st March
- ❖ Candidates must read all the rules & regulations carefully so as to make themselves fully familiar with them
- ❖ All Disputes are subjected To Dehradun Jurisdiction only. Terms & Conditions are indicated on receipt and prospectus shall be strictly applicable & no relaxation beyond rules & regulations shall be entertained. Scholarship seats are limited and will be provided on first come first serve basis.
- ❖ Pay & Use Facilities- (a) Electricity Charges as per meter reading (shared by no. of residents) (b) Health Club/Gymnasium (c) AC / Air Cooler Rooms. (f) Club Membership. (g) Sports and Extra Curricular Activities.
- ❖ Eligibility, Fee Payment & Seat Availability-This fee structure is for information only and not legally binding for admission. The college/university/board/council reserves the right to cancel admission or discontinue any course if required. Students must pay admission or academic fees only after verifying their eligibility & in a timely manner to avoid late fee of Rs.100/day. If any false or incorrect documents are submitted that do not meet the eligibility criteria of the college/university/board/council, the college will not be responsible, and no refunds will be processed. Admission is subject to eligibility and seat availability.

SCHOLARSHIP



Merit-Based Scholarships

12 th (%)	Scholarship (%)
65-75 %	10 %
75-85 %	15 %
85-95 %	20 %
95 % & Above	TFW

Additional Scholarships

Uttarakhand Domicile	10 %
Girl Child	10 %
Orphan	10 %
Sports	10 %
Siblings	10 %

- **Merit-Based Scholarships and additional Scholarships are applicable for first year only, subject to Approval from Scholarship Committee.**
- Merit-based scholarships can be combined with additional scholarships (e.g., Uttarakhand Domicile, Girl Child, etc.) upon approval.

Kalpana Chawla Scholarship

- **A Special Opportunity For Top-Performing 5% Students:**
- **Eligibility:** Scholarships are available from 2nd year onwards for top-performing students based on internal marks, provided they maintain a minimum of 75% attendance.

Note:

Scholarship committee reserves the right to amend and withdraw scholarship subject to seat availability and any other reason as deemed fit

Approval Process

Request approval via email:
scholarship@gnc.edu.in

- For any further details or to inquire about eligibility and the application process, feel free to contact the scholarship department via **Email at: scholarship@gnc.edu.in**

More Than a Room - It's Where You Belong

Secure, Comfortable & Supportive Living at
Guru Nanak College Hostels



Hostel Campus 1



Hostel Campus 2



Hostel Campus 3



Hostel Campus 4



Hostel Campus 5



Hostel Campus 6

Hygienic Mess & Dining

Nutritious & Hygienic Mess

- ✓ Vegetarian & Non-Vegetarian
- ✓ Fresh & Balanced Meals
- ✓ Clean Kitchen & Dining Area

Comfortable Rooms

Room Types We Offer

- ✓ Standard Quad Rooms
- ✓ Deluxe Rooms
- ✓ Executive Rooms
- ✓ AC / Non-AC Options

Hostel Campus 8



Why Choose Our Hostel

24x7
Security



Warden
Supervision



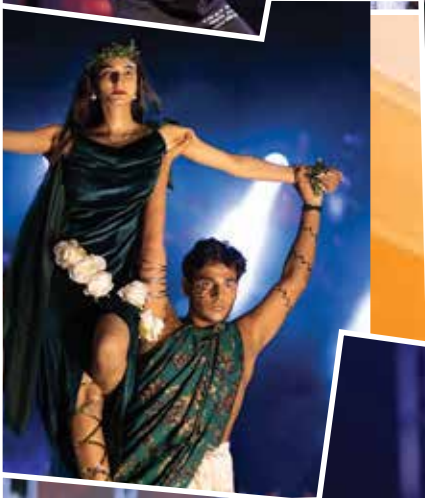
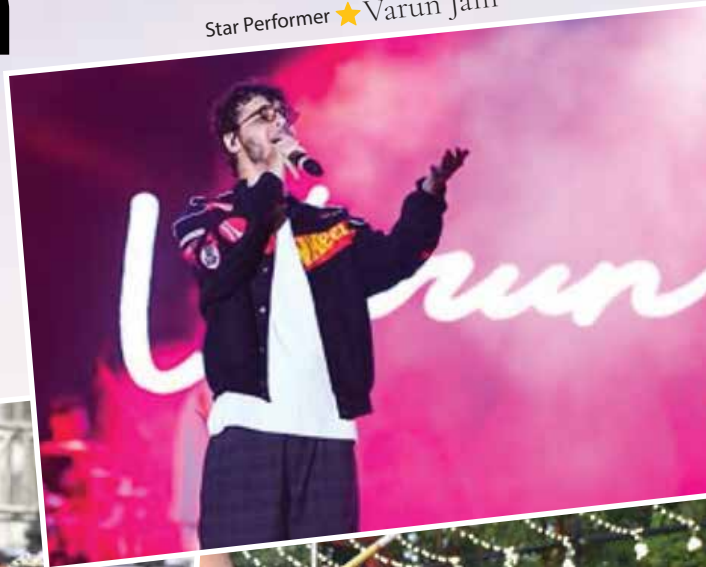
Daily
Cleaning



Rangrezza

The Fresher's Night

Star Performer ★ Varun Jain



Star Performer ★ Hardy Sandhu



Star Performer ★ Gurnazar



Cultural Fest

Star Performer ★ Khushagra Thakur



Star Performer ★ Amrit Maan



Star Performer ★ Milind Gabba



**GROUP OF COLLEGES
DEHRADUN**

NAAC ACCREDITED

GURU NANAK COLLEGE



Jhajra Chakrata Road, Dehradun
Uttarakhand, India - 248007