

# GURU Nanak

**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

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 [www.gnc.edu.in](http://www.gnc.edu.in)



GROUP OF COLLEGES  
DEHRADUN

**NAAC ACCREDITED**



# **Bachelor of Science in Biotechnology (B.Sc. Biotechnology)**

The Bachelor of Science in Biotechnology (B.Sc. Biotechnology) is an undergraduate program that combines principles of biology, chemistry, and technology to study living organisms and biological systems. This program prepares students for careers in various sectors, including healthcare, agriculture, environmental science, and pharmaceuticals, by equipping them with the knowledge and skills needed to apply biotechnological techniques. The B.Sc. Biotechnology program typically spans three years, divided into six semesters, combining theoretical coursework with practical laboratory training.





**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.**

# About Us

**Baba Farid Institute of Technology (BFIT) culture is deeply committed to nurturing the development of the next generation of Biotechnologists, 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.**

**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.**

# Affiliation

The Bachelor of Science in Biotechnology (B.Sc. Biotechnology) 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 Bio sciences for students pursuing careers in Biotechnology-related fields.



Hemwati Nandan Bahuguna  
Garhwal University  
(HNBGU)

Jhajra Chakrata Road, Dehradun, Uttarakhand, India - 248007

# Career Opportunities

- **Biotechnologist:** Work in research and development, applying biotechnological techniques in industries such as pharmaceuticals, agriculture, and environmental science.
- **Research Scientist:** Conduct research in academic or industrial laboratories, focusing on areas like genetic engineering, microbiology, and molecular biology.
- **Quality Control Analyst:** Ensure the quality and safety of biotechnological products in pharmaceutical and food industries through testing and analysis.
- **Clinical Research Associate:** Monitor and manage clinical trials, ensuring compliance with regulatory standards and protocols.
- **Environmental Biotechnologist:** Work on projects related to bioremediation, waste management, and sustainable practices to address environmental challenges.
- **Pharmaceutical Sales Representative:** Promote and sell biopharmaceutical products to healthcare professionals and institutions.
- **Laboratory Technician:** Assist in laboratory operations, performing experiments and analyses under the supervision of senior scientists.
- **Bioinformatics Specialist:** Analyze biological data using computational tools, contributing to research in genomics and proteomics.
- **Regulatory Affairs Specialist:** Ensure that biotechnological products comply with government regulations and standards.
- **Agricultural Biotechnologist:** Develop genetically modified crops and sustainable agricultural practices to improve food production.



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# Research opportunities

- **Genetic Engineering:** Investigate techniques for modifying the genetic material of organisms to enhance traits or produce beneficial products, such as genetically modified crops or gene therapies.
- **Biopharmaceutical Development:** Research the production and optimization of biopharmaceuticals, including monoclonal antibodies, vaccines, and therapeutic proteins.
- **Microbial Biotechnology:** Study the applications of microorganisms in industrial processes, such as fermentation, bioremediation, and the production of enzymes and biofuels.
- **Environmental Biotechnology:** Explore the use of biotechnological methods for environmental protection, including waste treatment, pollution control, and bioremediation of contaminated sites.
- **Plant Biotechnology:** Conduct research on plant tissue culture, genetic modification, and the development of disease-resistant or high-yield crop varieties.
- **Bioinformatics:** Analyze biological data using computational tools to understand genetic sequences, protein structures, and metabolic pathways.
- **Synthetic Biology:** Investigate the design and construction of new biological parts, devices, and systems for various applications, including bioengineering and synthetic organisms.
- **Clinical Research:** Engage in studies related to drug development, clinical trials, and the evaluation of new therapies and medical technologies.
- **Immunology:** Research the immune response to pathogens and the development of vaccines and immunotherapies.
- **Food Biotechnology:** Study the use of biotechnological methods in food production, preservation, and safety, including fermentation processes and the development of functional foods.



## 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+ Biotechnology 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

Bachelor of Science in Microbiology

**B.Sc. Biotechnology**



## Eligibility Criteria

- Candidate shall have passed 10+2 or equivalent with a minimum 45% (Physics, Chemistry, Biology) marks or equivalent grade in aggregate for General Category and relaxation in marks for reserved category candidates shall be given as per GOI/ University rules.

# FEE STRUCTURE FOR ACADEMIC SESSION 2026-27

**COURSE** : Bachelor of Science in Biotechnology (B.Sc. Biotechnology)

**DURATION** : 3 Years

**AFFILIATED FROM:** Hemwati Nandan Bahuguna Garhwal University (HNBGU)

	I Year	II Year	III Year
Registration Fee	1200	-	-
Admission Charges	8000	-	-
Tuition Fee	50,000	50,000	50,000
Lab, Library, Medical Consultation & Ambulance Service	4800	4800	4800
ERP Membership	1500	1500	1500
<b>Total</b>	<b>65,500</b>	<b>56,300</b>	<b>56,300</b>

## 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) shall be applicable for Selected Courses 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 1<sup>st</sup> 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 <sup>th</sup> (%)	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](mailto: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](mailto: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



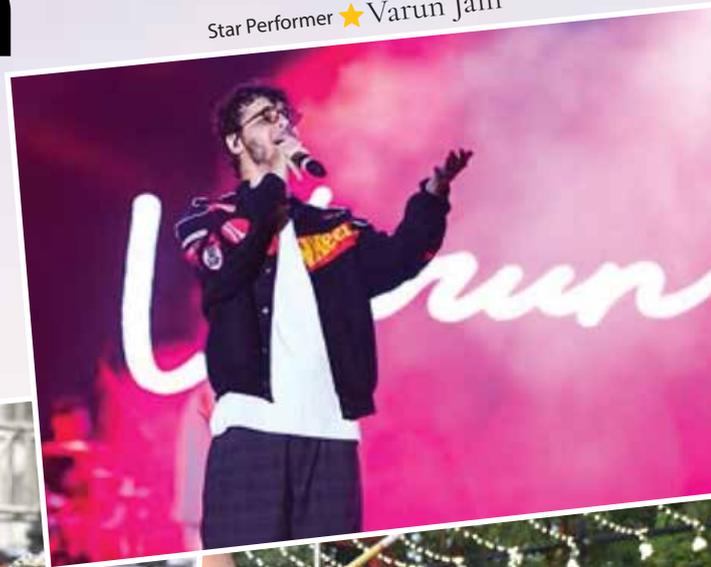
Daily  
Cleaning



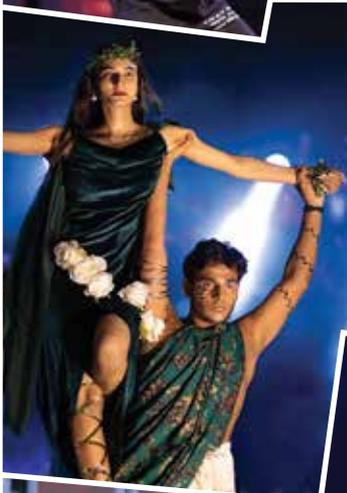
# Rangrezza

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



The logo for Guru Nanaki Group of Colleges Dehradun features the word "Guru" in a stylized orange font with a white outline, positioned above the word "Nanaki" in a blue font with a white outline. The letters are bold and modern.

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