



**College of Animal  
Biotechnology**

Guru Angad Dev  
Veterinary and Animal  
Sciences University,  
Ludhiana

**General Guidelines for DBT  
Post-graduate Programme  
2022-2023**

[www.gadvasu.in](http://www.gadvasu.in)

## **DISCLAIMER**

The statements made and information contained in the guidelines here are of general nature for the knowledge of the candidates seeking admission to DBT Postgraduate programme of the College of Animal Biotechnology, a constituent college of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The information contained herein is believed to be correct at the time of publication/uploading. However, the university reserves the right to make any alteration(s) in the provision(s) contained in the prospectus, at any time without any prior notice, where upon the university will not be responsible for any hardship or expenses incurred by any candidate or any other person on account of such amendments, additions, omissions or errors, no matter how they are caused.

## **Admission Enquiries**

**Registrar**

E-mail: [gadvasuadmissiongatb@gmail.com](mailto:gadvasuadmissiongatb@gmail.com)

**The Candidates are advised to visit GADVASU website ([www.gadvasu.in](http://www.gadvasu.in)) regularly to see the updates regarding admission.**

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## IMPORTANT INFORMATION

### (i) Postgraduate Programme

Schedule	M.Sc. (Molecular Biology and Biotechnology) with specialization in Animal Biotechnology
Mode of admission	Rank-Score of GAT-B 2022 conducted by RCB-DBT
Application submission	Fill application and submit through email at <a href="mailto:gadvasuadmissiongatb@gmail.com">gadvasuadmissiongatb@gmail.com</a>
Last date to apply without late fee	11/07/2022 (for GAT- B) (By Email)
Last date to apply with late fee	18/07/2022 (for GAT- B- By Email) (Rs. 1000/- late fee)

Counselling Schedule	
First counselling/ Interview <b>(online mode)</b>	<b>21/07/2022</b>
Second counselling/Interview	Dates will be notified at the university website. Candidates are advised to check University website ( <a href="http://www.gadvasu.in">www.gadvasu.in</a> ) regularly for timely updates.

**Note:** If there is any change in date of any schedule, the same will be notified on the University website [www.gadvasu.in](http://www.gadvasu.in) Candidates are advised to check the university website regularly for timely updates.

### Mode of Payment

At the time of admission, the entire fees must be submitted as a “Demand Draft” in favour of “COMPTROLLER, GADVASU” payable at any scheduled bank in Ludhiana OR by online transfer to the account detailed as under:

Beneficiary Name	COMPTROLLER, GADVASU
Beneficiary Account No.	50100094320540
Beneficiary Bank	HDFC Bank Ltd.
Beneficiary Bank IFSC Code	HDFC0000634
Beneficiary Bank Address	Feroze Gandhi Market, Ludhiana, Punjab, India-141001

**Check- list of the documents to be submitted**

1. Self-attested copies of Proof of Date of Birth
2. Self-attested copy of 10+2 Detailed Marks Certificate
3. Self-attested copy of Graduation Detailed Marks Certificate
4. Self-attested copy of GAT-B score card

## INTRODUCTION

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### The University

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) was established on 9<sup>th</sup> August, 2005 at Ludhiana through Punjab Act no. 16 of 2005. Initially, the College of Veterinary Science (established in 1969), was shifted from Punjab Agricultural University to Guru Angad Dev Veterinary and Animal Sciences University. The University has grown remarkably since its inception and is already amongst the top Veterinary and Agricultural Universities in the country. In order to produce highly efficient and skilled human resource for giving further boost to activities of livestock, dairy and fishery sectors in Punjab, the University has established College of Fisheries, College of Dairy Science and Technology and College of Animal Biotechnology for teaching, research and extension in the respective fields. The above four constituent colleges are at Ludhiana campus. Another constituent College of Veterinary Science was established at Rampura Phul, Bathinda.

The University has been accredited and recognized by the University Grants Commission (UGC) to receive central assistance under section 12(B) of UGC Act, 1956. The University got accreditation from UGC and ICAR and has been admitted as a regular member of the Association of Indian Agricultural Universities (AIAU) and Association of Indian Universities (AIU). Indian Council of Agricultural Research (ICAR) has accredited the University and its four constituent colleges viz. College of Veterinary Science, College of Fisheries, College of Dairy Science and Technology and College of Animal Biotechnology with grade 'A'.

The University has a Veterinary Polytechnic College at Kaljharani, Bathinda for the award of two years Diploma in Veterinary Science and Animal Health Technology. A private veterinary college, Khalsa College of Veterinary and Animal Sciences, Amritsar and a private Polytechnic College, Baba Hira Das Ji College of Veterinary Pharmacy, Badal, Sri Muktsar Sahib are affiliated to the University.

### University Ranking by ICAR

Year	Rank of the University
2017	First among the State Veterinary Universities and 1 <sup>st</sup> among the Agricultural/Veterinary Universities/ICAR Research Institutes of India.
2018	First among the State Veterinary Universities and 8 <sup>th</sup> among the Agricultural/Veterinary Universities/ICAR Research Institutes of India.
2019	First among the State Veterinary Universities and 7 <sup>th</sup> among the Agricultural/Veterinary Universities/ICAR Research Institutes of India.
2020	Second among the State Veterinary Universities and 18 <sup>th</sup> among the Agricultural/Veterinary Universities/ICAR Research Institutes of India.

## College of Animal Biotechnology

During the last three decades, molecular biology and biotechnology have emerged with extensive applications in animal husbandry, medicine, industry, and environmental sciences. Recognizing the immense potential of biotechnology in animal sector, the Guru Angad Dev Veterinary and Animal Sciences University established the Department of Animal Biotechnology in 2008. It was designated as School of Animal Biotechnology in 2010 and upgraded to College of Animal Biotechnology in 2019. The mandate of the college is to generate scientific expertise, human resource in various facets of animal biotechnology and to develop specialized facilities for research in cutting-edge fields of biotechnology. The college is also involved in basic and applied research spanning a wide-spectrum of areas like genomics, molecular diagnostics, vaccinology, stem cell biology, cancer biology, proteomics, and bioinformatics.



### Academic Programmes

To cater the needs of undergraduate and postgraduate teaching and research, three departments viz., Animal Biotechnology, Microbial & Environmental Biotechnology and Bioinformatics have been created with excellent infrastructure and laboratory facilities. For the UG and PG teaching, the college is following the course curriculum as recommended by the ICAR. The college has been accredited by the ICAR with 'A' grade. The College offers the following academic programmes in biotechnology:

Level	Programmes	Minimum Duration
Undergraduate (1)	<ul style="list-style-type: none"><li>B.Tech. (Biotechnology)</li></ul>	4 years
Masters (3)	<ul style="list-style-type: none"><li>M.V.Sc. (Veterinary Biotechnology)</li><li>M.Sc. (Molecular Biology and Biotechnology)</li><li>M.Sc. (Molecular Biology and Biotechnology) with specialization in Animal Biotechnology</li></ul>	2 years
Doctoral (2)	<ul style="list-style-type: none"><li>Ph.D. (Veterinary Biotechnology)</li><li>Ph.D. (Molecular Biology and Biotechnology)</li></ul>	3 years

## POSTGRADUATE PROGRAMME

### Academic Programmes and Mode of Selection for Admission

The college offers admission to Postgraduate Programme

Programme	Selection Criterion
M.Sc. (Molecular Biology and Biotechnology) with specialization in Animal Biotechnology	OCPA/OGPA of 6.00/ 10.00 or 60% marks in aggregate in B.Tech (Biotechnology)/BSc (Biotechnology/ Medical/ Life Sciences), BSc Hons (Biotechnology/ Biochemistry/ Microbiology/ Molecular Genetics)/ BFSc (4 years program). Merit of eligible candidates based on Rank/Score obtained in Graduate Aptitude Test - Biotechnology (GAT-B) conducted by the Regional Centre for Biotechnology on behalf of the Department of Biotechnology, Government of India.

### Application Submission and Counselling Schedule

Particulars	Master's
Application submission	Fill application and submit through email at <a href="mailto:gadvasuadmissiongatb@gmail.com">gadvasuadmissiongatb@gmail.com</a>
Last date to apply without late fee	11/07/2022
Last date to apply with late fee	18/07/2022 (Late fee Rs. 1000/-)
First counselling/Interview	21/07/2022 (online mode)
Second counselling/Interview	Dates will be notified at the University website. Candidates are advised to keep checking University website regularly
Registration/Start of session	

### Brief information about the Master's Programme

The College of Animal Biotechnology offers M.Sc. (Molecular Biology and Biotechnology) with specialization in Animal Biotechnology. Syllabus covers mostly the courses relevant to animal biotechnology covering broadly fundamentals of cell & molecular biology, animal cell culture, molecular diagnostics, bioinformatics, animal genomics, reproductive biotechnology, techniques in molecular biology and genetic engineering. The non-veterinary graduate students from basic science/ biotechnology background are also required to take some non-credit deficiency courses on animal genetics and breeding, livestock production management, veterinary microbiology, veterinary immunology, veterinary medicine and biostatistics. However, if a similar course has already been cleared by the student, an exemption from such courses may be granted provided that the two courses share largely common syllabus.

Note: Students may have to clear deficiency courses as suggested by the student's advisory committee.

### Admission Capacity and Distribution of Seats

Postgraduate Programme	Total seats	Seat Distribution
M.Sc. (Molecular Biology and Biotechnology) with specialization in Animal Biotechnology)	10	10 seats under DBT- Postgraduate teaching programme through GAT-B

## Reservation Policy

“Reservation policy of Govt of India will be followed for admission to DBT supported Post-Graduate (DBT-PG) Programmes in Biotechnology and allied sciences at participating institutions and universities. Any dispute arising will be subject to Delhi Jurisdiction only.”

## Fee Details

Sr. No.	Fee Head	M.Sc. Molecular Biology and Biotechnology (with specialization in Animal Biotechnology)
	<b>Fees/Charges - One Time</b>	
1	University Admission Fee	18000*
2	College Security (Refundable)	5000
3	Medical Examination Fee	430
	<b>Fees/Charges – Annual</b>	
4	College Admission Fee	700
5	Accidental/Health Insurance	1000
6	Student Aid & Red Cross Fund	1100
	<b>Fees/Charges – Semester-wise</b>	
7	Tuition Fee Normal category/State Quota	8000
	Tuition Fee Self-Financed	-
8	Library Fee	1250
9	Amalgamated Fund	3250
10	Examination Fee	4000
	NSS/NSO fund	-
11	College Development and Student Fund	9000# 4000##
12	Total Fees Normal/State Quota (Non-Boarder)	38230# 30430##
13	Total Fees Self-Financed Quota (Non-Boarder)	-
14	NRI-non-boarder except admission and tuition fees	-
	<b>Hostel Charges - One Time</b>	
12	Hostel Security (Refundable)	7500
	<b>Hostel Fund – Annual</b>	
13	Hostel Rent & Maintenance Fund (Dormitory)	4010
14	Hostel Rent & Maintenance Fund (Cubical)	6010
15	Electricity Fund	2750
16	Additional Electricity Charges	Extra as applicable
	<b>Miscellaneous Charges</b>	
17	Thesis/Dissertation submission Fee	3000
18	Thesis Viva-voce Fee	3000
19	Course Adding/Withdrawal Fee per paper	400
20	Supplementary Exam Fee per paper	770
21	Bank collection Charges	770
22	University Re-admission Fee	7000
23	College Re-admission Fee	2000

\* The university admission fees of Rs. 18000/- will be collected in four installments of Rs. 4500/- per semester

#For first semester

##For second semester

**Note:**

- University can increase fee/charges of any component and add any additional component of fee, any time.
- Different components of fee are chargeable either One time, Annually, Semester wise or as per case.
- The students also require to register for Alumni Association of the college by paying Rs. 1000/- one time, in addition to the fees mentioned above.

**Mode of Fee Payment:**

- A “Demand Draft” in favour of “COMPTROLLER, GADVASU” payable at any scheduled bank in Ludhiana of Rs. 38,230/- must be deposited immediately at the time of admission. Account Details of for “BANK TRANSFER” (Online) is as under:

Beneficiary Name	COMPTROLLER, GADVASU
Beneficiary Account No.	50100094320540
Beneficiary Bank	HDFC Bank Ltd.
Beneficiary Bank IFSC Code	HDFC0000634
Beneficiary Bank Address	Feroze Gandhi Market, Ludhiana, Punjab, India-141001

- Last Counselling (Offline): “Demand Draft” of the entire fee in favour of “COMPTROLLER, GADVASU” payable at any scheduled bank in Ludhiana must be deposited immediately at the time of admission.
- All the bank charges/payment gateway charges will be payable by the candidate.
- In cases where the remaining fee is not encashed / credited into college account due to any reason, the seat of such a candidate will be cancelled and the deposit will be forfeited.

**Refund Policy**

In the case, a student (except NRI/OCI) is withdrawing from the programme, the entire fee collected from the student shall be refunded according to the following table:

S. No.	Situation	Applicable Refund
1.	The seat consequently falling vacant in the concerned discipline/ programme got filled by another candidate by the last date of admission.	1. Rs.2390/-* to be deducted if the candidate vacates the seat before the start of classes. 2. If candidate vacates the seat after start of classes, then fee will be refunded after deduction of Rs.2390/-* and additional deduction in entire fee as per below: 5% within 15 days from start of classes 10% within 30 days from start of classes 20% above 30 days from start of classes *Including processing fee of Rs.1000/-, medical fee 390 and accidental health insurance of Rs.1000/-
2.	If surrendered and the seat remained vacant.	No Refund (Including college security)
3.	If admission is claimed by the candidate by producing the fake certificate(s) or certificate(s) from unrecognized boards/ Institutes, even if the seat vacated by such candidate were filled subsequently.	No Refund (Including college security)

## REGULATIONS REGARDING RUSTICATION AND EXPULSION OF STUDENTS

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1. The Dean of the college shall have the power to expel or rusticate a student for sufficient reasons, including acts of indiscipline and misconduct inside or outside the college.
2. Case(s) of rustication or expulsion of the student shall be immediately reported by the concerned Dean/Principal to the Registrar for registration and notification.
3. The Dean/Principal may revise his/her decision within 15 days of passing the order of rustication or expulsion. The revised decision composed with reasons shall be communicated to the Registrar for placing before the Academic Council.
4. The period of expulsion/rustication shall be minimum of two semesters/one academic year to maximum of four semesters/two academic years.
5. The student under rustication shall have the option of rejoining the class during the ensuing semester after the expiry of the period of rustication.
6. It shall be obligatory for the college to re-admit a rusticated student if he/she wishes to rejoin after the expiry of the rustication period.
7. The name of the rusticated student shall not be maintained on the rolls of the college and the student will not be charged any fee during the period of rustication.
8. A student expelled from the college shall not be allowed to seek fresh admission into the same or another college of the University without the sanction of the Academic Council. In no case, such a student shall be allowed to do so before the expiry of two academic years, excluding the academic year in which he/she was expelled.
9. Any fact that makes the Vice-Chancellor consider that the order passed by the Dean requires revision, the Vice-Chancellor may bring the case to the notice of the Academic Council, after consideration of the matter, the decision of the Academic Council shall be final.
10. Instructions/Regulations Regarding Anti-Ragging

“Ragging” is strictly prohibited in the colleges as well as in the hostels. Any student found indulging in the act of ragging will be strictly dealt with according to the directions given by the Hon’ble Supreme Court of India. According to Raghavan Committee observations, ragging has several aspects including psychological, social, political, economic, cultural and academic dimensions. The anti- ragging committees and squads have been constituted at the college level to keep a check on the incidents of ragging. If found guilty, it may invite punishment up to the expulsion of the guilty student from the institute or registration of F.I.R. under provisions of the Indian Penal Code. Every student and his/her parents/guardian are supposed to submit a following affidavits that the student will desist from ragging in any form:

- An annual undertaking to be signed by each student whether fresher or senior, and his/her parent(s) jointly stating that each of them have read the relevant instructions/regulations against ragging as well as punishments, and that if the ward has been found guilty, he/she should be proceeded against.

## **General information**

For detailed information about the admission and counselling process, candidates are required to visit GADVASU website [www.gadvasu.in](http://www.gadvasu.in) and consult the university prospectus 2022.

## **General Instructions regarding Admissions**

- Admission is made by the Registrar on the recommendation of the Counselling/Selection Committee.
- The admission obtained by a candidate due to misrepresentation/concealment of facts or admission made due to error/oversight at university level, can be cancelled at any stage.
- The Academic Council of the University is the supreme authority to frame rules and regulations, and to decide all other matters related to admissions and academic affairs. The Academic Council also has the right to promote or discontinue any programme and also to increase or decrease seats in any programme.
- An Annual incremental increase of 10% in the fee structure shall be applicable to the constituent and affiliated colleges of the University, excluding tuition fee of Self-financed/Category-II seats of constituent colleges and Management/Special Management quota seats of affiliated private college.
- In case of hosteller students, the electricity bills received in excess of the electricity fund collected, shall be proportionately charged from the residents of the respective hostels.
- The securities not claimed for three semesters succeeding the semester in which the student leaves the college either by completing a particular degree programme or dropouts/otherwise, shall be forfeited. In case of interns, claims for refund of hostel security shall be entertained after the completion of the internship programme.
- All claims for refund of hostel security shall be entertained through the concerned college.
- Hostel accommodation shall be provided subject to availability only.

## **List of the documents to be submitted**

1. Self-attested copies of Proof of Date of Birth
2. Self-attested copy of 10+2 Detailed Marks Certificate
3. Self-attested copy of Graduation Detailed Marks Certificate
4. Self-attested copy of GAT-B score card