



REGIONAL CENTRE FOR BIOTECHNOLOGY

An Institution of National Importance
Established by the Department of Biotechnology, Government of India,
under the auspices of UNESCO
Faridabad-Gurgaon Expressway, Faridabad -121001

GRADUATE APTITUDE TEST-BIOTECHNOLOGY (GAT-B) 2020

Regional Centre for Biotechnology is conducting the Graduate Aptitude Test-Biotechnology (GAT-B), an eligibility test for admission to the DBT-supported PG programmes in Biotechnology in participating institutions.

This test replaces Combined Entrance Examination in Biotechnology (CEEB), conducted previously by JNU
Based on the examination score, an All-India category-wise merit list with GAT-B rank will be generated. Using the rank, the candidate may apply to various DBT-supported PG programmes in participating institutions. The participating institutions will advertise these programmes and admit students as per their admission & selection process.

Candidates may apply online.

Start Date: 01.06.2020 (10.00 AM)

Closing Date: 18.06.2020 (11.59 PM)

For further details, please visit www.rcb.res.in/GATB

Registrar
Regional Centre for Biotechnology



क्षेत्रीय जैवप्रौद्योगिकी केन्द्र

राष्ट्रीय महत्ता की संस्था
जैवप्रौद्योगिकी विभाग, भारत सरकार द्वारा यूनेस्को के तत्वावधान में स्थापित
फ़रीदाबाद-गुड़गाँव एक्सप्रेसवे, फ़रीदाबाद- 121001

स्नातक योग्यता परीक्षा- जैवप्रौद्योगिकी (जीएटी-बी) 2020

स्नातक योग्यता परीक्षा- जैवप्रौद्योगिकी 2020 हेतु ऑनलाइन आवेदन आमंत्रित किए जा रहे हैं। विस्तृत विज्ञापन तथा आवेदन की जानकारी वेबसाइट <http://rcb.res.in/GATB> पर देख सकते हैं। आवेदन करने की अंतिम तिथि 18.06.2020 है।

कुलसचिव
क्षेत्रीय जैवप्रौद्योगिकी केन्द्र

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राष्ट्रीय महत्ता की संस्था, जैवप्रौद्योगिकी विभाग,
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United Nations
Educational, Scientific and
Cultural Organization



क्षेत्रीय जैव प्रौद्योगिकी केन्द्र
Regional Centre
for Biotechnology

GRADUATE APTITUDE TEST-BIOTECHNOLOGY (GAT-B) 2020

(Eligibility test for admission to DBT-supported PG Programmes in Biotechnology in participating institutions across India: M.Sc. Biotechnology, M.Sc. Agricultural Biotechnology, M.V.Sc., M.Tech. Biotechnology and M.Sc. in allied areas)

This eligibility test replaces Combined Entrance Examination for Biotechnology (CEEB) conducted previously by Jawaharlal Nehru University (JNU).

1. GENERAL

Biotechnology is a multidisciplinary area on the educational scene and programmes have been developed to meet the growing demand for trained manpower for any meaningful Biotechnological activity in the country. The programmes are designed to expose the students to methodology, basics and advances of various areas of biotechnology including health, industry, agriculture and medicine.

2. GRADUATE APTITUDE TEST-BIOTECHNOLOGY (GAT-B)

The Graduate Aptitude Test in Biotechnology (GAT-B), being conducted by the Regional Centre for Biotechnology on behalf of the Department of Biotechnology, Government of India, is the admission eligibility test for DBT-supported PG programmes in the various institutions.

The GAT-B examination centres will be spread across the country. The list of examination centres can be seen at www.rcb.res.in/GATB. The examination will be a Computer Based Test (CBT). The duration of the examination will be 180 minutes. The details of examination, marking scheme and syllabus is available at www.rcb.res.in/GATB.

Note that the GAT-B rank is valid for the academic year 2020-21 only. Call for admissions will be advertised separately by the participating institutions for DBT-supported programmes. RCB/DBT will not be responsible for the admission & selection process by the individual participating institutions.

3. DETAILS OF GAT-B EXAMINATION

The examination will be conducted in a single shift for a duration of 180 minutes. The question paper will have two parts:

PART- A: Part A will have 60 compulsory multiple choice questions of the level of 10+2 in the subjects: Physics, Chemistry, Mathematics and Biology. Each correct answer will be of one mark each. There will be negative marking and for each wrong answer, ½ (half) mark will be deducted.

PART-B: Part B will have multiple choice questions of bachelor's level requiring thinking and analysis. There will be questions from basic Biology, Life Sciences, Biotechnology and allied areas as per syllabus attached. There will be 100 questions out of which the candidates will have to attempt 60 questions. Each correct answer will have a weightage of 3 marks. There will be negative marking and for each wrong answer one mark will be deducted.

Sample question papers are available on RCB website. A mock test is also available on the RCB website.

4. PARTICIPATING INSTITUTIONS AND DBT-SUPPORTED PROGRAMMES

The list of participating institutions and DBT-supported programmes is given in Annexure-A. Based on the rank as per the All India category-wise merit list generated through the GATB test, the student may apply to different DBT-supported programmes of participating institutions to secure admission as per their respective admission and selection process. All correspondence regarding admissions to the DBT-supported programmes may be sent to the respective participating institution.

5. ELIGIBILITY CRITERIA

Candidates meeting eligibility criteria for admission to DBT-supported programmes in participating institutions as per Annexure-A are eligible to apply for GAT-B. You may further verify the eligibility criteria for a programme on the respective institution website.

In case you do not meet the minimum eligibility criteria (as per Annexure A) and still appear in the entrance examination, you will do so at your own risk and cost.

If at any stage, it is found that you do not fulfil the minimum eligibility requirements of the requisite DBT-supported programme, the rules of the participating institution for cancellation/termination of admission will be applicable.

6. RESERVATION POLICY

There will be separate merit lists of qualified students for the various categories of students as per the Government of India norms. The participating institutions are required to follow the reservation rules as applicable to them.

7. MERIT LIST

An All-India category-wise merit list of students appearing in the examination will be drawn. Based on the GAT-B rank, the participating institutions (as per Annexure-A) may conduct admissions and generate their own waiting list as per their respective norms.

8. STUDENTSHIP SUPPORT

All students admitted under the DBT-supported programmes of any participating institution will be paid the stipend as under:

- | | | |
|--|---|-----------------------|
| a) M.Sc. in Biotechnology & Allied Areas | - | Rs. 5000/- per month |
| b) M.Sc. in Agricultural Biotechnology | - | Rs. 7500/- per month |
| c) M.Tech./M.V.Sc. programmes | - | Rs. 12000/- per month |

The continuation of stipend for the second year of the programme is subject to satisfactory progress of the student, to be certified by the participating institutions.

The participating institutions shall provide the list of students admitted through this process into the DBT-supported programmes and stipends will be disbursed to the students through the admitting institutions after due verification.

9. MODE OF APPLICATION

Detailed procedure for filling the application form, payment of application fee and uploading of required documents/certificates in the prescribed format, is given at: www.rcb.res.in/GATB. A non-refundable and non-transferable application fee of Rs. 1000/- is payable online by General/ OBC candidates and Rs. 500/- by SC/ ST/ EWS/ Differently abled candidates.

A candidate may opt for the test centre of his choice from the options given in the application form.

10. IMPORTANT NOTES

- This examination is to rank the eligibility of the candidate among all applicants. The candidates will be given a GAT-B rank based on which they may apply to the various DBT-supported PG programmes in participating institutions. The participating institutions will advertise and admit students as per their admission & selection process.
- Candidates are requested to kindly go through the Advertisement and the How to Apply Guide on the GAT-B portal before filling the application form.
- If any information furnished by the candidate in the application form is found to be false, his/her admission, may be cancelled, ipso facto.
- Candidates may note that failed payment will be reverted automatically. However, for duplicate payments, refund will be made post closure of the application form.
- RCB reserves the right to change/cancel any Centre of Examination without assigning any reason thereof.
- Candidates must fill the application form carefully, once submitted after payment of requisite fee, no edits/modifications will be permitted.

IMPORTANT DATES

EVENT	DATE
Online Registration Start Date	01 st June, 2020
Online Registration Close	18 th June, 2020
Issue of Admit Card	25 th June, 2020
GAT-B 2020	30 th June, 2020
Display of Question Paper and Answer Key on Website	2 nd July, 2020
Last date of accepting representation of any discrepancy in Question paper and Answer Key	06 th July, 2020
Declaration of GAT-B rank of Candidates	20 th July, 2020

Disclaimer: *Based on the GAT-B rank, candidate may apply to the various DBT-supported programmes in different participating institutions. The institutions will advertise and admit students as per their admission & selection process.*

RCB/DBT will not be responsible for admission & selection process of participating institutions.

In view of on-going COVID-19 situation, the exam centres may be shifted/changed, depending on the guidelines of the respective states for conduct of the tests.

The decision of the competent authority will be final and binding in all cases.

For any queries, please write to helpdesk ID: helpdesk.gatb@rcb.res.in.

GRADUATE APTITUDE TEST-BIOTECHNOLOGY

**DBT-SUPPORTED PG PROGRAMMES IN BIOTECHNOLOGY
and
PARTICIPATING INSTITUTIONS**

M.V.Sc. ANIMAL BIOTECHNOLOGY

S. No.	Institution	Name of the Programme/ Coordinator details	No. of DBT- supported seats	Eligibility Criteria
1.	College of Veterinary Science, Assam Agricultural University, Guwahati, Assam www.aau.ac.in	Prof. Probodh Borah borahp@rediffmail.com borahp@vetbifg.ac.in	10	B.V.Sc. & A.H. or equivalent degree from a recognized university securing a minimum CGPA of 2.60 in 4.00 scale or 6.60 in 10.00 scale or 60% in the traditional system. In case of SC/ST candidates, the corresponding minimum requirements will be 2.20 in 4.00 scale, 5.60 in 10.00 scale and 50%.

M. Tech. BIOTECHNOLOGY/ ALLIED AREAS

S. No.	Institution	Name of the Programme/ Coordinator details	No. of DBT- supported seats	Eligibility Criteria
1.	Pondicherry University, Puducherry www.pondiuni.edu.in	M.Tech. Computational Biology Prof. A. Dinakara Rao head@bicpu.edu.in hod@bicpu.edu.in	30	Minimum of 55% of marks in Master's degree in any relevant area of Bioinformatics/ Physics/ Chemistry/ Mathematics/ Statistics/ Computer Science/ Biotechnology/ Biochemistry/ Microbiology/ Plant Biology/ Botany/ Animal Biology/ Zoology Minimum of 55% of marks in B.Tech./B.E degree in Industrial Biotechnology, Biotechnology, Pharmaceutical Technology, Food Technology, Bioinformatics, Chemical Engineering, Leather, Bioengineering, Information Technology, Information Science, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Biomedical Engineering, Electronics and Instrumentation Engineering

2.	Institute of Chemical Technology, Mumbai, Maharashtra www.ictmumbai.edu.in	M. Tech Pharmaceutical Biotechnology Prof. Padma V. Devarajan pv.devarajan@ictmumbai.edu.in pvdevarajan@gmail.com	10	B. Pharmacy; B. Tech. degree any branch of chemical technology of ICT or any other equivalent degree of any University recognized by the UGC for four- year degree course after HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate]. B. Tech./ B.Sc. (Tech.)/ B. E. in Biotechnology/ Biochemical Engineering/ Pharmaceutical Technology, Pharmaceutical technology, Industrial Biotechnology, or equivalent degree of full four-year duration of any University recognized by the UGC. B.E/B. Tech in Chemical Engineering, Biochemical Engineering, Biomedical Engineering; B. Chemical Engineering; MSc in Biotechnology, Life Sciences, Biochemistry, Microbiology, Molecular Biology, Microbial Genetics, Genetics & Bioinformatics or equivalent; Three-year degree programs in the above disciplines are not recognized for admission Seat Distribution: 50% of total with background in Pharmaceutical Sciences/Technology and rest 50% for other branches of science/technology/engineering
3.	Institute of Chemical Technology, Mumbai, Maharashtra www.ictmumbai.edu.in	M. Tech. Food Biotechnology Dr. Laxmi Ananthanarayan l.ananthanarayan@ictmumbai.edu.in laxmi.ananth.iyer@gmail.com	10	B. Tech. degree in Food Engineering and Technology of the ICT or any other equivalent degree of any University recognized by the UGC of four-year degree course after HSC/HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate] OR B. Tech./ B.Sc. (Tech.)/ B. E. in Food Engineering and Technology/ Food Engineering/ Food Technology/ Food Science/ Food Process Technology/ Food Process Engineering/ Dairy Technology/Biotechnology/ Biochemical Engineering/ Pharmaceutical Technology/ Oil Technology or any equivalent degree of full four-year duration of any University recognized by the UGC. Three-year degree programs in these disciplines are not recognized for admission.
4.	K. S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu www.ksrct.ac.in	M. Tech. Biotechnology Dr. J. Philip Robinson philiprobin81@gmail.com	10	B.E/B.Tech. degree with minimum 50% Marks(45 % in case of candidates belonging to reserved category) in the qualifying examination in any branch of Engineering and Technology. 5 year Integrated programme in (Science and applied science)/Master of Science Degree in any Life Science course/Pharmaceutical (B. Pharm), Agricultural or Veterinary Science.

5.	Anna University, Chennai, Tamil Nadu www.annauniv.edu	M. Tech. Biotechnology Dr. B.S. Lakshmi hoddirbtauc@gmail.com directorcbt@annauniv.edu	25	Bachelor's Degree or equivalent in the relevant field and obtained atleast 50% (45% in the case of candidates belonging to reserved category (OBC/PH/SC/ST)). B.E. / B.Tech. Degree Programmes in Industrial Biotechnology/Genetic Engineering / Technology/Chemical Engineering/ Biochemical Engineering /Technology/Biotechnology/Agricultural Biotechnology/Pharmaceutical Technology (ii) B.Pharma Degree Programmes (iii) Master's Degree in Biochemistry/ Microbiology/ Biophysics/ Biotechnology/ Genetics/ Molecular Biology
6.	Institute of Chemical Technology, Mumbai, Maharashtra www.ictmumbai.edu.in	M.Tech. Bioprocess Technology Dr. Parag Gogate pr.gogate@ictmumbai.edu.in	30	Candidates** with B. Chemical Engineering, B. Pharmacy; B. Tech./ B.E. in Chemical Engineering/ Chemical Technology/Food Engineering and Technology/ Food Engineering/ Food Technology/ Food Process Technology/ Food Process Engineering/ Dairy Technology/ Biotechnology/ Biochemical Engineering/ biomedical engineering/ Pharmaceutical Technology/ industrial biotechnology, or any other equivalent degree* of full four year duration of any University recognized by the UGC after HSC/HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate]. Three-year degree programs in these disciplines are not recognized for admission. * subject to clearance from the equivalence recognition committee of Institute of Chemical Technology ** Internal distribution of the seats as per eligibility will be declared at the time of admission.
7.	Indian Institute of Technology, Kharagpur, West Bengal www.iitkgp.ac.in	M.Tech. Biotechnology & Biochemical Engineering Prof. Ramkrishna Sen headbt@bt.iitkgp.ac.in rksen@iitkgp.ac.in	30	1. B. Tech/B. E in Biotechnology / Chemical Engineering OR M.Sc in any branch of Life Sciences. 2. Applicants must qualify GATE with BT or XL paper. 3. GE/OBC/EWS: Minimum of 60% marks (OR a CGPA of 6.5 on a 10point scale) in the last qualifying examination. SC/ST/PwD: Minimum of 55% marks (OR a CGPA of 6.0 on a 10point scale)in the last qualifying examination 4. The CGPA will not be converted into percentage marks if the degree awarding institute provides marks in CGPA system. Their admission will be based on the CGPA awarded in the transcript. 5. Admission to reserved category candidates will be as per Government of India rules.

8.	Anna University, Chennai, Tamil Nadu www.annauniv.edu	M.Tech. Computational Biology Dr. B.S. Lakshmi directorcbt@annauniv.edu hoddirbtauc@gmail.com	20	A pass in the recognized Bachelor's Degree or equivalent in the relevant field and obtained atleast 50% (45% in the case of candidates belonging to reserved category (OBC/PH/SC/ST)) in the qualifying degree examination. (i) B.E. / B.Tech. Degree Programmes (or) (ii) B.Pharm. Degree Programmes (or) (iii) Master's Degree in the relevant branch of Science, which are prescribed. B.E. / B.Tech. Industrial Biotechnology/ Biotechnology/Pharmaceutical Technology/Food Technology/Bioinformatics/Genetic Engineering / Technology/Computer science and Engineering/Information Technology/ Electronics and Communication Engineering/ Biomedical Engineering/ Information Science/ Information Science and Engineering.
9.	Indraprastha Institute of Information technology, Delhi www.iiitd.ac.in	M.Tech. Computational Biology Dr. Ganesh Bagler bagler@iiitd.ac.in	15	B.Tech/BE in CS/IT/Math-and-Computing/ B.Tech/BE in any other discipline/ MCA/ MSc. (Physics, Chemistry, Mathematics, Computer Science, Biochemistry, Microbiology, Biotechnology, Biophysics, Bioinformatics, Biomedical Sciences)/ B.Pharm/ MBBS / BDS One computer programming course, and at least two Mathematics courses as a part of degree or from online portal). 65% in qualifying exam. Conversion from CGPA to percentage may be checked on website. At least 60% in all previous degrees including 10+2.
10.	Cochin University of Science and Technology, Kochi, Kerala www.cusat.ac.in	M.Tech. Marine Biotechnology Dr. Valsamma Joseph valsamma@cusat.ac.in jvalsamma@gmail.com	20	Minimum 60% marks or equivalent CGPA (under grading system) from any recognized university in B.Tech. or BE in Biotechnology/M.Sc in any branch of Life Science including Marine Biology.
11.	Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal www.makautwb.ac.in	M.Tech. Biotechnology Prof. Arup Mukherjee arupm1234@gmail.com	30	B.Pharma/ B.Tech./B.E.(Biotechnology, Biochemical engineering, Biomedical engineering, Industrial biotechnology, Chemical engineering, Pharmaceutical technology, Chemical technology, Food technology, Food engineering)/M.Sc.(Biotechnology, Biochemistry, Botany, Zoology, Microbiology, Genetics, Life sciences, Bioengineering) Minimum of 60% marks or equivalent CGPA from any recognized university.
12.	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu	M.Tech. Biotechnology with specialization in Industrial Biotechnology) Dr. V.R. Manoj	10	Bachelor degree in Biotechnology (B.E/B.Tech in Biotechnology, Chemical Engineering, Genetic Engineering/tech, Industrial Biotechnology, Biochemical Engineering/tech, Agricultural Biotechnology, Pharmaceutical technology) M.Sc in Life Sciences (Biotechnology, Microbiology, Biophysics, Biochemistry, Genetics, Molecular Biology), B.Pharma/ Master's degree in

	www.veltech.edu.in	hodbiotech@veltech.edu.in		Science or 4-year Bachelor's degree in Engineering, with biology or related subjects as one of the papers at the 10+2 level or later.
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M.Sc. ALLIED AREAS

S. No.	Institution	Name of the Programme/ Coordinator details	No. of DBT- supported seats	Eligibility Criteria
1.	Institute of Genetics and Hospital for Genetic Diseases, Osmania University, Hyderabad, Telangana www.instituteofgenetics-ou.org	M.Sc. Molecular and Human Genetics Dr. A. Venkateshwari Venkateshwari@yahoo.com	10	B.Sc. Biotechnology/ Genetics/Microbiology/ Biochemistry with Chemistry and Zoology as other optional subjects with following percentage of marks: General category: 55%; OBC: 50%; SC, ST & PWD: 40%.
2.	Savitribai Phule Pune University, Pune, Maharashtra www.unipune.ac.in	M.Sc. Bioinformatics Dr. Sangeeta Sawant director@bioinfo.net.in directorbioinfopune@gmail.com sangeeta@bioinfo.net.in	30	B. Sc. degree in any area of pure or applied Life Sciences/Physical Sciences/Chemical Sciences/Statistics/Mathematics/Computer Science OR B.E./ B.Tech./ M.B.B.S./ B.A.M.S./ B.H.M.S./B. Pharm/ B.V.Sc. Minimum Percentage: General Category - First class with minimum 60% marks or Grade A with a minimum CGPA of 6.0 on the scale of 0-10 Reservation category: Second class with minimum 55% marks or Grade B with a minimum CGPA of 5.5 on the scale of 0-10.
3.	Baba Ghulam Shah Badshah University Rajouri, J&K www.bgsbu.ac.in	M.Sc. Bioresources Biotechnology Prof. Iqbal Parwez iparwez2002@gmail.com	20	Bachelor's degree in Biological, Physical, Agricultural, Veterinary and Fisheries Sciences, Pharmacy, Engineering/Technology 4 Years B.Sc. (Physician Assistant Course), M.B.B.S. or B.D.S, with at least 55% marks.
4.	Banaras Hindu University, Varanasi www.bhu.ac.in	M.Sc. Molecular and Human Genetics Dr. Gopeshwar Narayan gnarayan@bhu.ac.in	30	Bachelor's degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); OR Medicine (MBBS) OR B.D.S. with at least 55% marks.

5.	Goa University, Goa www.unigoa.ac.in	M.Sc. Marine Biotechnology Prof. S.C. Ghadi hodbiotech@unigoa.ac.in	30	B.Sc. degree under 10+2+3 in any branch of Sciences such as physical, chemical, biological, agricultural, fisheries, pharmaceutical, medicine, engineering or technology with 55% marks. SC/ST and PWD candidates who have passed the qualifying examination are eligible to apply irrespective of their percentage of marks in qualifying degree examination
6.	Bharathiar University, Coimbatore, Tamil Nadu www.b-u.ac.in	M.Sc. Medical Biotechnology Dr. R. Sathishkumar rsathish@buc.edu.in	10	Bachelor's degree in any branch of Life Sciences / Biological Sciences (Botany, Zoology, Biotechnology, Biochemistry, Microbiology, Genetics, Biomedical Genetics); Bachelor's degree in Technology (Biotechnology / Biomedical Engineering); M.B.B.S./BDS, B.V.Sc., B. Pharma.
7.	Nitte Deemed to be University, Mangalore, Karnataka www.nitte.edu.in	MSc. Marine Biotechnology Prof. Indrani Karunasagar indrani.karunasagar@nitte.edu.in	10	BSc in any branch of Biological Science / Life Science/ B.FSc. (Fisheries Science)/ BVSc. (Veterinary Science)/ B.Sc. (Agriculture, Horticulture etc)/ BSc. Biotechnology/ BSc. Biomedical Science/ BSc. Microbiology/ BSc. Biochemistry/ BSc. Food Science/ BSc. Genetics/ BSc. Life Science Candidates need to hold a graduation degree in any of the above subjects from a recognized university, securing not less 50% marks in aggregate. For candidates belonging to SC/ST or Category-I, the minimum percentage of marks shall be a pass in degree examination.
			140	

M.Sc. AGRICULTURAL BIOTECHNOLOGY

S. No.	Institution	Name of the Programme/ Coordinator details	No. of DBT- supported seats	Eligibility Criteria
1.	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh www.igau.edu.in	Dr. S. B. Verulkar satishverulkar@gmail.com	30	B.Sc. (Ag.) / B.Sc. (Hort.) / B.Sc. (Ag. Biotechnology) / B.Sc. (Forestry) degree under 10+2+4 system from a recognized University with minimum O.G.P.A. 6.00 out of 10 point scale or 60% in marks system of examination or equivalent grades. Students must not be below the age of 20 years.
2.	Assam Agricultural University, Jorhat, Assam www.aau.ac.in	Prof. K. Mahendra Modi mkmodi@aau.ac.in	30	(I) B.Sc./B.Sc.(Hons) in Agriculture/ Horticulture/Forestry/ Sericulture/ Agricultural Biotechnology (II) B.Sc. in Biology/Botany/Zoology/Life Sciences/ Biotechnology/ Bioinformatics/Biochemistry/Microbiology from a recognized university.
3.	University of Agricultural Sciences, Dharwad, Karnataka	Prof. Ramesh Bhat hodbthacd@uasd.in	8	Bachelor's degree in Agriculture, Horticulture, Forestry, B. Sc. (Agril. Biotechnology)/B. Tech (Biotechnology)/B.Sc. (Ag. Biotech.)/B. Sc. (Agri.) in Biotechnology from

	www.uasd.edu			Recognized Agricultural/Horticultural/Forestry/deemed university accredited by ICAR. Candidates should possess a bachelor's degree with a minimum OGPA of 6.50/10.00. In case of candidates belonging to SC/ST/Cat-I, a minimum OGPA of 6.00/10.00 i.e., pass in bachelor's degree is adequate.
4.	University of Agricultural Science, Bangalore, Karnataka www.uasd.edu	Prof.. K. M. Harinikumar harinikm@rediffmail.com	13	A Bachelor's degree in Agriculture / Horticulture / Forestry / Sericulture / Agriculture Biotechnology from any Agriculture / Horticulture and Deemed Universities recognized by ICAR in terms of course duration of four years with minimum OGPA of 6.50/10.00 or its equivalent. For SC/ST/Cat-I, a minimum OGPA of 6.00/10.00 i.e. pass in bachelor's degree is adequate.
5.	G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand www.gbpuat.ac.in	Dr. A.K. Gaur headmbge@gmail.com anilgaur123@rediffmail.com anilgaur12@gmail.com	15	Bachelors Degree in Science/Agriculture/Horticulture/Forestry /Fisheries Science/Biotechnology/Agriculture Bio Technology.
6.	Vasantro Naik Maratwada Krishi Vidyapeeth, Parbhani, Maharashtra www.vnmkv.ac.in	Prof. H. B. Patil coablatur@rediffmail.com hbpatil2003@yahoo.co.in	30	Bachelors degree in Agriculture, Agricultural Biotechnology, B. Tech. Biotechnology, Horticulture and Forestry under 10+2+4 pattern of education from recognized Agricultural/Horticultural universities with minimum CGPA 6.5 on 10 scale or 65% marks.
7.	Kerala Agricultural University, Thrissur, Kerala www.kau.in	Dr. Deepu Mathew deepu.mathew@kau.in	15	Four year course in B. Sc. Agriculture/ B. Sc. Horticulture/ B. Sc. Forestry/ B. Sc. in Agricultural Biotechnology from an institution accredited by Indian Council of Agricultural Research (ICAR). Overall grade point average (OGPA) of 7.00/10.00 for general category and 6.50/10.00 for SC/ST category and qualified in the entrance examination.
8.	Tamil Nadu Agricultural University, Coimbatore www.tnau.ac.in	Dr. S. Mohankumar directorcpmb@tnau.ac.in	30	Four year UG degree offered by State or Central Agricultural Universities, such as B.Sc., (Agriculture / Agri. Biotechnology / Horticulture / Forestry / Sericulture) or B.Sc. (Hons.) in Agriculture / Horticulture / Forestry / Sericulture or B. Tech (Agricultural Biotechnology / Biotechnology / Horticulture / Bioinformatics) under 10+2+4 pattern of education with at least 70% marks or equivalent OGPA of 3.00/4.00 or 6.60/10.00. For SC/ST candidates, OGPA of 6.50 / 10.00 in the bachelor's degree is sufficient.
			171	

M.Sc. BIOTECHNOLOGY

S. No.	Institution	Name of the Programme/ Coordinator details	No. of DBT- supported seats	Eligibility Criteria
1.	Pondicherry University, Puducherry www.pondiuni.edu.in	Prof. A. Hannah Rachel Vasanthi head.dbt@pondiuni.edu.in hannah.dbt@pondiuni.edu.in hrvasanthi@gmail.com	30	Bachelor's degree under 10+2+3 pattern of education in Physical, Biological (Biochemistry / Bioinformatics / Biotechnology/ Botany/ Microbiology/ Zoology), Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/ Technology, 4-year B.Sc. (Physician Assistant Course); MBBS/ B.D.S with at least 55% marks
2.	University of Hyderabad, Telangana www.uohyd.ac.in	Prof. KPMSV Padmasree head.dobb@uohyd.ac.in office.dobb@uohyd.ac.in kpssl@uohyd.ac.in	30	Bachelor's degree under 10+2+3 pattern Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, 4 years Engineering / Technology, B.Sc. (Physician Assistant Course), MBBS, BDS with at least 55% marks.
3.	University of Mysore, Mysore, Karnataka www.uni-mysore.ac.in	Dr. S Umesha su@appbot.uni-mysore.ac.in ; pmumesh@gmail.com	15	Bachelor's Degree in Science including Agriculture, Pharmacy, Chemical Engineering, Medicine, Veterinary, Dairy, Fisheries, Horticulture, Forestry, from any University recognized by UGC / ICAR / AICTE / Medical Council with an aggregate minimum of 55% (50% in case of SC/ST) or equivalent grade.
4.	School of Biotechnology Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh www.bhu.ac.in	Dr. Sukh Mahendra Singh smsinghbiotech@bhu.ac.in singhsukhmahendra@gmail.com	30	Bachelor's degree under 10+2+3 pattern in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); OR MBBS/B.D.S. with at least 55% marks.
5.	Punjab Agricultural University, Ludhiana, Punjab www.pau.edu	Dr. Parveen Chhuneja dirsoab@pau.edu	10	B.Sc. Biotechnology (Hons) 4-year/ B.Sc. Biotechnology 4-year/ B.Tech. Biotechnology 4-year/ B.Sc. Molecular Biology 4-year/ B.Sc. Agriculture (Hons) / B.Sc. Forestry/B.Sc. Horticulture.
6.	Jaypee University of Information Technology, Solan www.juit.ac.in	Dr. Anil Kant anil.thakur@juit.ac.in anilkantv@gmail.com	10	Bachelor's degree in Life Sciences, Environmental Sciences, Physical Sciences, Agricultural Sciences, MBBS, B.D.S, Pharmacy, Veterinary and Fishery Sciences or any other degree recognized equivalent there to by the University with at least 45% marks aggregate/equivalent CGPA (for SC/ST), 50% marks aggregate/equivalent CGPA (for other categories)

7.	Madurai Kamaraj University, Madurai www.mkuniversity.ac.in	Prof. D. Ganesh chairperson.sbt@mkuniversity.ac.in ganeshdsneha@yahoo.co.in	30	Bachelor's degree in any relevant area of Biotechnology / Life Sciences/ Zoology / Botany / Microbiology / Biochemistry / Biomedical Sciences / Chemical Sciences (Allied with any biology subject)/B.Tech. Biotechnology / MBBS with minimum of 55% of marks at UG level.
8.	Guru Jambheshwar University of Science & Technology, Hisar www.gjust.ac.in	Dr. Vinod Chhokar vinodchhokar@gmail.com	30	Bachelor's in any discipline of Biological Sciences/ Agricultural Sciences/ Fishery Sciences /Veterinary Sciences/ Pharmacy/ Medicine (MBBS/BAMS/BDS) / B.Tech. (Biotechnology) with at least 55 % marks or its equivalent grade point average.
9.	Amity University, Gurugram, Haryana www.amity.edu	Prof. Rajendra Prasad rprasad@ggn.amity.edu	10	Bachelor degree with least 55% marks in Life Sciences, Agriculture, Pharmacy, Biological, Biotechnology, Physical, Veterinary and Fishery Sciences.
10.	Gautam Buddha University, Noida www.gbu.ac.in	Dr. Bhupendra Chaudhary bhupendra@gbu.ac.in	10	B.Sc. degree in Life Sciences / Biology / Biotechnology or any area of Biology from any recognized University/ College with minimum 50% marks (45% for SC/ST) or equivalent.
11.	Utkal University, Bhubaneswar www.utkaluniversity.nic.in	Prof. Jagneshwar Dandapat hodbiotechnology@utkaluniversity.ac.in jd.biotech@utkaluniversity.ac.in	25	Bachelor's Degree (with Biology at 10+2 level) in Biotechnology / Zoology/ Botany/ Microbiology/ Biochemistry/ Physiology /Genetics/ Molecular Biology/ /Bioinformatics/Physics / Biophysics/ Chemistry /Mathematics with 55% marks in aggregate/equivalent grade score for general category and relaxation for reserved category as per Govt. of India rules.
12.	Banasthali Vidyapith, Vanasthali, Rajasthan www.banasthali.org	Dr. Dipjyoti Chakraborty bv.bioinfo@gmail.com cdipjyoti@banasthali.in	30	55% in Bachelor's degree in various Life Science disciplines. Only Women Candidates are eligible for admission.
13.	Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh www.ggu.ac.in	Dr. Renu Bhatt bhatt1996@yahoo.com	10	B.Tech/ B.Sc/ B.Sc. (Hons) in Biotechnology / Botany/ Zoology/ Biochemistry/ Microbiology/ Biophysics/ Life Sciences/ Bio-Sciences or allied subjects of Biological/Life Sciences with atleast 50% marks in aggregate.
14.	Khallikote University, Berhampur www.khallikotecollege.ac.in	Prof. Jogeswar Panigrahi jpanigrahi@khallikoteuniversity.ac.in drjpanigrahi@gmail.com	10	Bachelor's in Physical Sciences, Chemical Sciences, Biological Sciences, Agriculture in 10+2+3 pattern having 50% of marks in aggregate with Biology at +2/ senior secondary level.
15.	Central University of Jammu, Jammu	Prof. Mushtaq Ahmed mushtaq.cuhp@gmail.com	10	Bachelor's Degree with Biotechnology/ Microbiology/ Biochemistry/ Botany/ Zoology/ Life Sciences/ any other allied discipline as one of the

	www.cujammu.ac.in	hod.molb@cujammu.ac.in		subjects with 55% marks or equivalents grade (50% for SC/ST/PWD candidates) from the recognized University/Institute
16.	Guru Nanak Dev University, Amritsar www.gndu.ac.in	Dr. P.K Pati pkpati@yahoo.com ; biotechgndu@yahoo.com	30	Bachelor's Degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); MBBS/B.D.S. with at least 50% marks (for SC/ST 45% marks).
17.	National College, Tiruchirapalli, Tamil Nadu www.nct.ac.in	Dr. M. S. Mohamed Jaabir mohamedjaabir@nct.ac.in	10	Bachelor's Degree/B.Tech. in any branch of Life Sciences (Biotechnology, Microbiology, Zoology, Botany, Biochemistry, Agricultural Sciences), M.B.B.S or equivalent from any recognized University with at least 55% marks in the qualifying examination.
18.	Himachal Pradesh University, Shimla www.hpuniv.ac.in	Prof. Arvind Kumar Bhatt bhtarvind@yahoo.com chairmanbiotechhpusml@gmail.com	30	Bachelor's Degree (with at least 50% marks) under 10+2+3 system in: Life Sciences, Biological/ Physical/ Agricultural/ Veterinary/ Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course, MLT); MBBS/ BDS.
19.	The Maharaja Sayajirao University of Baroda, Vadodara www.msubaroda.ac.in	Dr. Mrinalini Nair mnair_in@yahoo.com	30	Bachelor's degree with 55% under 10+2+3 pattern in Chemical/ Biological Sciences, B.Tech Biotechnology/ Industrial Biotechnology.
20.	Institute of Advanced Research (IAR), Gandhinagar www.iar.ac.in	Dr. Priti Desai priti.desai@iar.ac.in	10	B.Sc. degree equivalent in Biological/ Physical/ Agricultural/ Life Sciences or Biotechnology stream, B.Tech / B.Pharma degree (equivalent in Biological Science) with a minimum of 55% marks in aggregate.
21.	University of Kashmir, Srinagar, J&K www.kashmiruniversity.net	Prof. Khalid Majid Fazili fazili@kashmiruniversity.ac.in	20	Bachelor's degree in Physical/ Biological Sciences, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology , MBBS/BDS.
22.	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana www.gadvasu.in	Dr. Ramneek Verma ramneekv@rediffmail.com	10	B.Sc. (Biotechnology/ Medical)/ B.Sc. (Hons.) (Biotechnology/ Biochemistry/ Microbiology/ Molecular Genetics) or B.F.Sc. (Bachelor's of Fisheries Sciences) with OCPA 6.00/ 10.00 or 60% marks in aggregate.

23.	Savitribai Phule Pune University, Pune www.unipune.ac.in	Prof. R. N. Gachhe hodbiotech@unipune.ac.in rngacche@unipune.ac.in rngacche47@gmail.com	30	Any Science Graduate with 55 % marks in general category and 50% marks in reserved category.
24.	Visva-Bharati University, Shanti Niketan www.visvabharati.ac.in	Prof. Amit Roy hod.biotech@visva-bharati.ac.in	20	B.Sc. degree (with 55% aggregate marks) in any branch of life science under 10+2+3 patter. Two year Bachelor degrees are not recognized for admission to this program.e
25.	Central University of Rajasthan, Ajmer www.curaj.ac.in	Dr. Pankaj Goyal hod.biotech@curaj.ac.in	10	Bachelor's degree with Microbiology/Zoology/Botany/Life Sciences / Biochemistry/ Genetics/ Biotechnology/ Medicine/ Pharmacy/ any other discipline of Biological Sciences as one of the main subjects and Chemistry as one of the optional subjects at least for one year or Two semesters with minimum 50% of marks or equivalent grade in aggregate for general category and 45% or equivalent grade for SC/ST/OBC/PWD/EWS candidates.
26.	Tezpur University, Sonitpur www.tezu.ernet.in	M.Sc. Molecular Biology and Biotechnology Prof. Anand Ramteke hod_mbbt@tezu.ernet.in	30	Bachelor's degree with minimum 45% marks in Physical/ Biological/ Agricultural/ Veterinary/ Fishery Sciences as Major/Hons., or 50% marks in any of the specified subjects as well as in aggregate if not having Major/Hons in any of the specified subjects, or Bachelor's degree with minimum 50% aggregate marks in Pharmacy/ Engineering/ Technology/Physician Assistant Course/Medicine. Candidates of NE states may apply against the seats reserved for the North East (NE) states for which the candidates will be required to produce Permanent Residence Certificate (PRC) issued by the Competent Authority of any NE state.
27.	University of Jammu, Jammu www.jammuuniversity.ac.in	Prof. B. K. Bajaj bajajbijenderk@gmail.com directorsbtju@gmail.com	30	Bachelor's Degree under 10+2+3 pattern in Physical, Biological, Agricultural, Veterinary Fishery, Pharmaceutical Sciences, B.E/B.Tech. in Biotechnology, Chemical / Biochemical Engineering, 4 years B. Sc (Physician Assistant Course), B.Sc. Medical Lab Technology, B.Sc. Physiotherapy, OR Medicine (MBBS) OR B.D.S with at least 55% marks.
28.	Rama Devi Women's University, Bhubaneswar www.rdwuniversity.nic.in	Dr. Samita Mohanty hod.biotech@rdwu.ac.in	10	Bachelor's degree under 10+2+3 pattern in Physical and Biological Sciences with at least 55% Marks in aggregate. Only Women Candidates are eligible for admission.
29.	Shri Mata Vaishno Devi University, Jammu www.smvdu.ac.in	Dr. Sharada M. Potukuchi sharda.p@smvdu.ac.in	10	Bachelor's degree (10+2+3 pattern) in any stream of Biosciences with at least 50% aggregate marks or equivalent CGPA.

30.	Jawaharlal Nehru University, New Delhi www.jnu.ac.in	Prof. Pawan K Dhar dean_sbt@jnu.ac.in pawandhar@mail.jnu.ac.in	30	Bachelor's degree under 10+2+3 pattern in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/Technology, 4-years B.Sc. (Physician Assistant Course); Medicine (MBBS) OR B.D.S. with at least 55% marks.
31.	GIET University, Gunupur, Odisha www.giet.edu	Dr. Manoja Das hodbiotech@giet.edu vc@giet.edu	10	B.Sc. Biotechnology / Biochemistry / Microbiology / Botany / Zoology /Physics /Chemistry/ Environmental Sciences/ Agriculture; BVSc /B. Tech Biotechnology/B. Pharma / BAMS/ BHMS/ BPT/ related discipline with not less than 45 % marks in aggregate.
32.	Alagappa University, Karaikudi www.alagappauniversity.ac.in	Prof. S. Karutha Pandian sk_pandian@rediffmail.com	10	Bachelor's Degree under 10+2+3 pattern in Physical (Physics, Chemistry or equivalent) / Biological (Botany, Zoology, Biochemistry, Microbiology, Biotechnology or equivalent) / Agricultural / Veterinary / Fisheries Sciences / Pharmacy / Engineering / Technology with at least 55% marks.
33.	North-Eastern Hill University, Shillong www.nehu.ac.in	Prof. Anupam Chatterjee anupamchatterjee@nehu.ac.in	30	B.Sc. (Hons) in Biotechnology or any other allied subjects in Life Sciences with 55% marks in Honours subject (45 % for SC/ST) . Seats will be reserved as per existing Govt. of India rules. Fourteen (14) seats will be for the Biotechnology Graduate students from Meghalaya having Meghalaya Domicile certificate, who will appear Graduate Aptitude Tests (GAT-B).
34.	Rajiv Gandhi Centre for Biotechnology, Trivandrum www.rgcb.res.in	Dr. E. V. Soniya evsoniya@rgcb.res.in mrpillai@rgcb.res.in	10	Students with 60% aggregate marks (or an equivalent grade point average) in Bachelor's degree in any branch of Science, Engineering, or Medicine are eligible to apply for admission. Students from the SC, ST, OBC (non-creamy layer), and PWD categories shall be given a relaxation of 5% aggregate marks. Students in the final year of their qualifying degree program are also eligible to apply provided that they produce a proof of having secured the required marks in their undergraduate degree programme at the time of admission.
			660	

GRAND TOTAL: 1221 SEATS in 62 COURSES