



GUJARAT BIOTECHNOLOGY RESEARCH CENTRE

Department of Science & Technology, Government of Gujarat

Block B & D, 6th Floor, M. S Building,

Sector-11, Gandhinagar-382011, Gujarat



Advertisement. No: GBRC/Recruitment/2021/01

Research Associate (05), Senior Research Fellow (02) and Junior Research Fellow (10)

Gujarat Biotechnology Research Centre invites applications from the interested deserving candidate for the post of RA (05), SRF (02) and JRF (10) positions in various research projects. Details of the projects post, essential qualification, and fellowship is given below:

Sr. No.	Project code	Project name	Desired qualification	No. of Post	Name of the post	Fellowship
1	RSS/UKRI/2019-20/19	Global Challenges Research Fund (GCRF): One Health Poultry Hub	1. Ph.D. in Biotechnology / Bio-informatics / Biochemistry/ Microbiology or equivalent Degree OR 2. Having 3 years of research and design and development experience after M.Tech. in Biotechnology/ Bio-informatics/ with at least 1 research paper in Science Citation Indexed (SCI) Journal. Experience: Preference will be given to candidates having research experience in AMR, metagenomics and metagenomics, bioinformatics and Molecular Biology.	01	RA	Fellowship: Rs. 47,000/- + HRA
2	AGR//2017-18/11	Development of Transgenic Library for fungal infection in crops	1. Ph.D. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology or equivalent Degree OR 2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bioinformatics /Environmental Biotechnology/ Microbiology/ Molecular Biology with at least 1 research paper in Science Citation Indexed (SCI) Journal. OR 3. M.Sc. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology with 3 years of research design and development and experience with at least one research paper in Science Citation Indexed (SCI) Journal.	01	RA	1. For Research Associate having qualification as mentioned at No 1,2. Fellowship will be RA I: Rs. 36,000/- +HRA RA II: Rs. 38,000/- + HRA RA III: Rs. 40,000/- + HRA OR 2. For Research Associate having qualification as mentioned at No 3. Fellowship will be RA I: Rs. 29,000/- RA II: Rs. 30,000/- and



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			Experience: Candidates having research experience in cloning, expression and NGS data analysis (Differential transcriptome), with good research publication as evidence will be preferred.			RA III: Rs. 31,000/- (Not entitled for HRA)
3	AGR/2017-18/10	Sex determination kit in Date Palm (<i>Phoenix dactylifera</i>)	<p>1. Ph.D. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology or equivalent Degree</p> <p style="text-align: center;">OR</p> <p>2. Having 3 years of research design and development experience after M. Tech. in Biotechnology/ Bioinformatics /Environmental Biotechnology/ Microbiology/ Molecular Biology with at least 1 research paper in Science Citation Indexed (SCI) Journal.</p> <p style="text-align: center;">OR</p> <p>3. M.Sc. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology with 3 years of research design and development and experience with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>Experience: Candidates having research experience in cloning, expression and NGS data analysis (Differential transcriptome), with good research publication as evidence will be preferred.</p>	01	RA	
4	RSS/PLT/2017-18/14	Development of Assay Kit for Detection of Biological Adulterants in Highly traded Herbal Product through DNA Tags and Barcoding	<p>1. Ph.D. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences/Molecular Biology or equivalent Degree</p> <p style="text-align: center;">OR</p> <p>2. Having 3 years of research design and development experience after M. Tech. in Biotechnology/ Bioinformatics /Environmental Biotechnology/ Microbiology/ Molecular</p>	01	RA	



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			<p>Biology with at least 1 research paper in Science Citation Indexed (SCI) Journal.</p> <p>OR</p> <p>3. M.Sc. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology with 3 years of research design and development and experience with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>Experience: Candidates having research experience in cloning, expression and NGS data analysis, with good research publication as evidence will be preferred.</p>			
5	RSS/ENV16-21/2017-18	<p>Development of Bioremediation Technology for the treatment of solid waste: A case study on Pirana MSW dumping site (Funded by GSBTM)</p>	<p>1. Ph.D. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology equivalent Degree</p> <p>OR</p> <p>2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bioinformatics /Environmental Biotechnology/ Microbiology/ Molecular Biology with at least 1 research paper in Science Citation Indexed (SCI) Journal.</p> <p>OR</p> <p>3. M.Sc. in Biotechnology/Biological sciences/ Bioinformatics/ Environmental Biotechnology/ Life Sciences /Molecular Biology with 3 years of research design and development and experience with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>Experience: Candidates having research experience in cloning, expression and NGS data analysis, with good research publication as evidence will be preferred.</p>	01	RA	



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6	RSS/UKRI/ 2019-20/19	Global Challenges Research Fund (GCRF): One Health Poultry Hub	1. M.Sc. in Biotechnology/ Bio-informatics/ Biochemistry/ Microbiology or Graduate/Post Graduate Degree in professional course (Biotechnology/ Bioinformatics) selected through a process described through any one of the following: a. Scholars who are selected through NET- CSIR/UGC including lecturer ship and GATE b. The selection process through National level examination conducted by Central Government Departments and their Agencies and Institution such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. And Two years of research experience preferable in the area of Microbiology / Bioinformatics / Genomics/ Metagenomics/ AMR, etc.	02	SRF	Fellowship: Rs. 35,000/- + HRA
7	AGR /2017- 18/12-13	Tissue culture protocol of Teak and Guava	1. Post Graduate in Agriculture Biotechnology/ Plant Biotechnology/ Biotechnology/ Microbiology/Life Sciences with NET qualification or graduate Degree in professional course with NET qualifications or Post Graduate Degree in professional course in above subjects. OR 2. Post Graduate Degree in Agriculture Biotechnology/ Plant Biotechnology/ Biotechnology/ Microbiology/ Life Sciences Experience: Candidate should have a research experience in plant tissue culture	01	JRF	For Junior Research Fellow having desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA as mentioned at no.1 OR For Junior Research Fellow without NET the fellowship will be Rs. 18,720/- as mentioned at no.2 (HRA will be not entitled)
8	MB-19/2017- 18	Development of early diagnostic kit for Alzheimer's disease	1. Post Graduate in Biotechnology/ Bioinformatics/ Human genetics/ Molecular Biology with NET qualification or Graduate Degree in professional courses in above subjects with NET qualifications. or Post Graduate Degree in professional courses in above subjects.	01	JRF	



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			<p style="text-align: center;">OR</p> <p>2. Post Graduate Degree in Biotechnology/ Bioinformatics/ Human Genetics/ Molecular Biology</p> <p>Experience: Candidates having research experience in Genomics, NGS data analysis, computational & systems biology with good research publication as evidence will be preferred.</p>			
9	IND/2017-18/02	Technology Development for Nattokinase Production	<p>1. Post Graduate in Molecular Biology/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications</p> <p style="text-align: center;">OR</p> <p>2. Post Graduate Degree in in Molecular Biology/ Biotechnology/ Microbiology/Life Sciences</p> <p>Experience: Candidate should have a research experience in Microbiology, cloning and expression, and Molecular Biology.</p>	01	JRF	
10	AGR/2017-18/10	Sex determination kit in Date palm (<i>Phoenix dactyliferous</i>)	<p>1. Post Graduate in Veterinary Science/ Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications</p> <p style="text-align: center;">OROR</p> <p>2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences</p> <p>Experience: Candidate should have a research experience in Bioinformatics (NGS data analysis) and Molecular Biology.</p>	01	JRF	



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11	HLT-15/2017-18	Development of plant miRNA based formulation as targeted immunomodulatory for oral & breast cancer	<p>1. Post Graduate in Biotechnology/ Bioinformatics/ Human Genetics /Molecular Biology/Cancer Biology with NET qualification or graduate Degree in professional courses in above subjects with NET qualifications. or Post Graduate Degree in professional course in above subjects.</p> <p style="text-align: center;">OR</p> <p>2. Post Graduate Degree in Biotechnology/ Bioinformatics/ Human genetics/Molecular Biology/Cancer Biology</p> <p>Experience: Candidates having research experience in Genomics, NGS data analysis, computational & systems biology with good research publication, as evidence will be preferred.</p>	01	JRF	
12	RSS/ENV16-21/2017-18	Development of Bioremediation Technology for the treatment of solid waste: A case study on Pirana MSW dumping site (Funded by GSBTM)	<p>1. Post Graduate in Microbiology/Biotechnology/ Bioinformatics/ Environmental Biotechnology/Molecular Biology with NET qualification or Graduate Degree in professional courses in above subjects with NET qualifications. or Post Graduate Degree in professional courses in above subjects.</p> <p style="text-align: center;">OR</p> <p>2 Post Graduate Degree in Microbiology /Biotechnology /Bioinformatics /Environmental Biotechnology /Molecular Biology</p> <p>Experience: Candidates having research experience in cloning, expression and NGS data analysis, with good research publication as evidence will be preferred.</p>	01	JRF	



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13	HLT-13/2017-18	Development of non-invasive kit for early diagnosis of oral cancer	<p>1. Post Graduate in Veterinary Science/ Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications</p> <p>OR</p> <p>2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences</p> <p>Experience: Candidate should have a research experience in Bioinformatics and Molecular Biology.</p>	01	JRF	
14	HLT-12/2017-18	Development of DNA based Diagnostic Kit, Universal Vaccine candidates for Leptospirosis	<p>1. Post Graduate in Veterinary Science/ Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications</p> <p>OR</p> <p>2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences</p> <p>Experience: Candidate should have a research experience in Microbiology, Bioinformatics and Molecular Biology.</p>	01	JRF	
15	RSS/KU/2019-20/18 (GBRC and Kamdhenu University joint project)	Ameliorating Antimicrobial drug resistances and augmenting of fertility through probiotic microbiome intervention in postpartum bovine	<p>1. Post Graduate in Veterinary Science/Molecular Biology/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications</p> <p>OR</p> <p>2. Post Graduate Degree in Molecular Biology/ Biotechnology/ Microbiology/Life Sciences</p> <p>Experience: Candidate should have a research experience in Microbiology and Molecular Biology.</p>	01	JRF	



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16	Forest Dept.- GOG/W1/2018- 19/17	“Seroprevalence of Canine Distemper Virus in Asiatic lions of Gir, Gujarat”	1. Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, Experience: Candidate should have a research experience in Molecular Biology, cell culture, immunology and vaccine development	01	JRF	Fellowships will be Rs. 31,000/- + HRA
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Terms and Conditions

- The above posts are purely temporary and will be filled on contractual basis for an initial period of 11 months, which may be extended after satisfactory performance of the incumbent till termination of the project.
- There is no provision of re-engagement after termination of the project.
- The selected candidate shall not claim for regular appointment, as the fellowship is co-terminus with the project.
- Maximum age on the last day of the application as per advertisement of the applicant is 35 years for JRF/SRF and 45 years for RA.
- No TA /DA will be paid for attending the interview.
- Last Date for Submission of Online Application: 21-01-2021 up to 23:59 Hrs.
- For online application, please visit: <https://www.gbrc.gujarat.gov.in/>
- Candidate has to pay the below fees online on onlinesbi portal <https://www.onlinesbi.sbi/sbicollect/>. Please read How to pay fees online on website only.

Sr. No	Post	Fees
1	RA	250
2	SRF	200
3	JRF	150