



GUJARAT BIOTECHNOLOGY RESEARCH CENTRE

Department of Science & Technology, Government of Gujarat

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

Sector-11, Gndhinagar-382011, Gujarat



Advertisement. No: GBRC/Recruitment/2021/03

Research Associate (07) & Junior Research Fellow (07)

Gujarat Biotechnology Research Centre invites applications from the interested deserving candidate for the post of RA (07) & JRF (07) positions in below mentioned research projects. For details of the projects post, essential qualification, fellowship is given below:

Sr. No.	Project Code	Project name	Desired qualification	No. of Post	Name of the post	Fellowship
1	DIR AML/20-21	Establishing Genomic Selection Network for Dairy Cattle and Buffalo Breeds in Gujarat	1. Ph. D. in Livestock Production & Management / Animal Genetics & Breeding OR 2. M.V.Sc. (Livestock Production & Management / Animal Genetics & Breeding) having 60% marks or equivalent grade points average with at least 3 years of research experience with one research paper in SCI journal Experience: Candidate should have a research experience in working with animals on farm or in field	01	RA	RA I: Rs. 36,000/- +HRA RAII: Rs. 38,000/- + HRA RAIII: Rs. 40,000/- + HRA
2	MIC/2017-18/01	Development of Smart Panel for microbial screening for enzyme Production	1. Ph.D. in Biotechnology/ Bioinformatics/ Microbiology /Biochemistry or equivalent Degree OR 2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bioinformatics/ Microbiology /Biochemistry with at least 1 research paper in Science Citation Indexed (SCI) Journal. OR 3. M.Sc. in Biotechnology/ Bioinformatics/ Microbiology /Biochemistry with 3 years of research design and development and experience with at least one research paper in Science Citation Indexed (SCI) Journal. Experience: Candidate should have a research experience in Bioinformatics and Microbiology as evident from good research publications will be preferred.	01	RA	1. For Research Associate having qualification as mentioned at No 1, 2. Fellowship will be RA I: Rs. 47,000/- +HRA RA II: Rs. 49,000/- + HRA RA III: Rs. 54,000/- + HRA OR 2. For Research Associate having qualification as mentioned at No 3. Fellowship will be RA I: Rs. 37,845/- RA II: Rs. 38,670/-



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3	AGR//2017-18/11	Development of Transgenic Library for Fungal Infection in Crops	<p>1. Ph.D. in Biotechnology/ Biological sciences/ Bioinformatics/ Plant Biotechnology/ Life Sciences/ Molecular Biology or equivalent degree</p> <p>OR</p> <p>2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bioinformatics/ 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/ Plant Biotechnology/ Life Sciences/ Molecular Biology with 3 years of research design and development 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 will be preferred.</p>	01	RA	RA III: Rs. 41,850/- (Not entitled for HRA)
4	RSS/ENV16-21/2017-18	Development of Bioremediation Technology for the treatment of solid waste: A case study	<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/</p>	01	RA	



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		on Pirana MSW dumping site	<p>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 experience with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>Experience: Candidates having research experience in bioremediation processes, metagenomics data analysis, transcriptomics along with relevant molecular biology experience with good research publication will be preferred.</p>			
5	MB-18/2017-18	Genomic Selection of Elite and High Yielding varieties for seed improvement in Aquaculture & Fisheries	<p>1. Ph.D. in Biotechnology/ Bioinformatics/ Life Science/ Marine Biotechnology/Marine Biology/ Fisheries/Aquaculture or equivalent degree</p> <p>OR</p> <p>2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bioinformatics/ Life Science/ Marine Biotechnology/ Marine Biology/ Fisheries/Aquaculture with at least 1 research paper in Science Citation Indexed (SCI) Journal.</p> <p>OR</p>	01	RA	



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			3. M.Sc. in Biotechnology/ Bioinformatics/ Life Science/ Marine Biotechnology/Marine Biology/ Fisheries/Aquaculture with 3 years of research design and development experience with at least one research paper in Science Citation Indexed (SCI) Journal. Experience: Candidate should have a research experience in molecular biology techniques, working with NGS platform and especially RNA isolation and transcriptome data analysis with good research publication will be preferred.			
6	HLT-15/2017-18	Development of plant miRNA based formulation as targeted immunomodulator for Oral & Breast Cancer	1. Ph.D. in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics/ Medical Biotechnology/Cancer Biology or equivalent Degree OR 2. Having 3 years of research design and development experience after M. Tech in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics/ Medical Biotechnology/Cancer Biology with at least 1 research paper in Science Citation Indexed (SCI) Journal. OR 3. M.Sc. in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics/ Medical Biotechnology/Cancer Biology with 3 years of research design and development experience with at least one research paper in Science Citation Indexed (SCI) Journal.	01	RA	



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			Experience: Candidates having research experience in cell culture, miRNA expression analysis, computational & systems biology, molecular biology with good research publication will be preferred.			
7	BS-14/2017-18	MetaXtreme: Discovery of (10) Hyper-thermostable Enzymes	1. Ph.D. in Bioinformatics or Biotechnology OR 2. Having 3 years of research experience after M. Tech in Bio-informatics with at least 1 research paper in Science Citation Indexed (SCI) Journal. OR 3. M.Sc. in Bioinformatics with 3 years of research experience with at least one research paper in Science Citation Indexed (SCI) Journal. Experience: Candidate should have a research experience in Bioinformatics with good research publication will be preferred.	01	RA	
8	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 in above subjects with NET qualifications OR 2. Post graduate degree in Agriculture Biotechnology/ Plant Biotechnology/ Biotechnology/ Microbiology/ Life Sciences	01	JRF	For Junior Research Fellow having desired qualification as per DST, GOI, mentioned at no.1, fellowships will be Rs. 31,000/- + HRA OR For Junior Research Fellow without NET as mentioned



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			Experience: Candidate should have a research experience in plant tissue culture			at no.2, the fellowship will be Rs. 23,213/- (HRA will be not entitled)
9	HLT-12/2017-18	Development of DNA based Diagnostic Kit, Universal Vaccine candidates for Leptospirosis	1. Post Graduate in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications OR 2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences Experience: Candidate should have a research experience in Microbiology, Bioinformatics and Molecular Biology.	01	JRF	
10	MIC/2017-18/01	Development of Smart Panel for microbial screening for enzyme Production	1. Post Graduate in Bioinformatics/ Biotechnology/ Microbiology with NET qualification or graduate Degree in professional course in above subjects with NET qualifications OR 2. Post Graduate Degree in Bioinformatics/ Biotechnology/ Microbiology Experience: Candidate should have a research experience in Microbiology, Bioinformatics and Molecular Biology.	01	JRF	
11	GBRC/GSBTM/Dir/Ayur/2021-22 (GSBTM Funded Project)	Networking program on ayurvedic formulations for	1. Post Graduate in Veterinary Science/ Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/ Life Sciences with NET qualification or graduate Degree in	01	JRF	For Junior Research Fellow having desired qualification as mentioned at no.1, the



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		COVID-19 through BT interventions	professional course in above subjects with NET qualifications OR 2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences Experience: Candidate should have a research experience in chromatography techniques and Molecular Biology.			fellowships will be Rs. 25,000/- + HRA OR For Junior Research Fellow without NET as mentioned at no.2, the fellowship will be Rs. 18,720/- (HRA will be not entitled)
12	GBRC/GSBTM/KCHRC/2021-22 (GSBTM Funded Project)	Genome wide association study to decipher the host genetic factors associated with resistance toward Cisplatin therapy in oral cancers	1. Post Graduate in Molecular Biology/Biochemistry/ Bioinformatics/ Biotechnology/Microbiology/ Life Sciences with NET qualification or graduate Degree in professional course in above subjects with NET qualifications OR 2. Post Graduate Degree in Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences Experience: Candidate should have a research experience in Biochemistry, Bioinformatics, cancer biology and Molecular Biology.	01	JRF	
13	RSS/KU/2019-20/18 (GSBTM Funded Project)	Ameliorating Antimicrobial drug resistances and augmenting of fertility	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	02	JRF	



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		through probiotic microbiome intervention in postpartum bovine	OR 2. Post Graduate Degree in Veterinary Science/ Molecular Biology/ Biotechnology/ Microbiology/Life Sciences Experience: Candidate should have a research experience in Microbiology and Molecular Biology.			

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/FA and 45 years for RA.
- No TA /DA will be paid for attending the interview.
- Last Date for Submission of Online Application: 16-08-2021 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 online SBI portal <https://www.onlinesbi.sbi/sbicollect/>. Please read How to pay fees online on website only.

Sr. No	Post	Fees
1	RA	250
2	JRF	150