



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/2020/04

Research Associate (13), Senior Research Fellow (02), Data Manager(01) and Junior Research Fellow (05)

Gujarat Biotechnology Research Centre invites applications from the interested deserving candidate for the post of RA (13), SRF (02), Data Manager (01) and JRF (05) positions in various 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	HLT-15/2017-18	Development of plant miRNA based formulation as targeted immunomodulatory for oral & breast cancer	<p>1. Ph.D. in Biotechnology/ Bio-informatics /Biochemistry/ Human Genetics or equivalent degree or havening 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.</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/Bio-informatics/Biochemistry/ Human Genetics with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have research experience in cancer biology, Genomics, NGS data analysis etc.</p>	01	RA	<p>1. For Research Associate having qualification as mentioned at No 1. Fellowship will be RA I: Rs. 36,000/- +HRA RAII: Rs. 38,000/- + HRA RAIII: Rs. 40,000/- + HRA</p> <p style="text-align: center;">OR</p> <p>2. For Research Associate having qualification as mentioned at No 2. Fellowship will be RA I: Rs. 29,000/- RAII: Rs. 30,000/- and RAIII: Rs. 31,000/- (Not entitled for HRA)</p>
2	HLT-13/2017-18	Development of saliva based miRNA panel of early diagnosis of oral cancer	<p>1. Ph.D. in Biotechnology/Bio-informatics /Biochemistry/ Human Genetics or equivalent degree or havening 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.</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have research experience in cancer biology, Genomics, NGS data analysis etc.</p>	01	RA	<p>RA I: Rs. 29,000/- RAII: Rs. 30,000/- and RAIII: Rs. 31,000/- (Not entitled for HRA)</p>



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3	HLT-12/2017-18	Development of DNA based diagnostic kit, universal vaccine candidate for Leptospirosis	<p>1. Ph.D. in Biotechnology/Bio-informatics/Microbiology/ Biochemistry or equivalent degree or having 3 years of research and design and development experience after M. Tech. in Biotechnology/Bio-informatics/Microbiology/ Biochemistry with at least 1 research paper in science citation indexed (SCI) journal.</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/Bio-informatics/ Microbiology / Biochemistry with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have a research experience dealing with pathogenic bacteria, immunology, genomics and data analysis.</p>	01	RA	
4	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 or having 3 years of research and 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 style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/ Bioinformatics/ Life Science/ Marine Biotechnology/ Marine Biology/ Fisheries/Aquaculture with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have a research experience in molecular biology techniques, working with NGS platform and data analysis, etc. with good research publication as evidence.</p>	01	RA	



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5	MIC/2017-18/01	Development of smart panel for microbial screening for enzyme production	<p>1. Ph.D. in Biotechnology/Bio-informatics/Microbiology /Biochemistry or equivalent degree or 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.</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/ Bio-informatics/ Microbiology/ Biochemistry with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have a research experience in molecular marker development/ probe designing</p>	01	RA	
6	MB-19/2017-18	Development of early diagnostic kit for Alzheimer's disease	<p>1. Ph.D. in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics or equivalent degree or 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.</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology/ Bio-informatics/ /Biochemistry/ Human Genetics with 3 years of research, research and design and development and experience with at least 1 research paper in Science citation indexed (SCI) journal.</p> <p>Experience: Candidate should have research experience in Genomics, GWAS, NGS data analysis etc.</p>			
7	HLT/2017-18/05	Biomarker panel for HBOC for Indian population	<p>1. Ph.D.in Biotechnology/Bio-informatics/Biochemistry/ Human Genetics or equivalent degree or having 3 years of research and design and development experience after M. Tech in</p>			



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			Biotechnology/ Bio-informatics/ with at least 1 research paper in science citation indexed (SCI) journal. OR 2. M.Sc in Biotechnology/Bio-informatics/Biochemistry/ Human Genetics with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal. Experience: Candidate should have research experience in cancer biology, Genomics, NGS data analysis etc.		
8	N/A	Gujarat Biotechnology University	1. Ph.D. in Biotechnology or equivalent degree or having 3 years of research and design and development experience after M. Tech. in Biotechnology with at least 1 research paper in science citation indexed (SCI) journal. OR 2. M.Sc. in Biotechnology with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal Experience: Healthcare / Medical Biotechnology	01	RA
9	N/A	Gujarat Biotechnology University	1. Ph.D. in Biotechnology or equivalent degree or having 3 years of research and design and development experience after M. Tech. in Biotechnology with at least 1 research paper in science Citation indexed (SCI) journal OR 2. M.Sc. in Biotechnology with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal Experience: Industrial Biotechnology	01	RA
10	N/A	Gujarat Biotechnology University	1. Ph.D. in Biotechnology or equivalent degree or having 3 years of research and design and development experience after M.	01	RA



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			<p>Tech. in Biotechnology with at least 1 research paper in science citation indexed (SCI) journal</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal</p> <p>Experience: Agriculture Biotechnology</p>			
11	N/A	Gujarat Biotechnology University	<p>1. Ph.D. in Biotechnology or equivalent degree or having 3 years of research and design and development experience after M. Tech. in Biotechnology with at least 1 research paper in science citation indexed (SCI) journal</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Biotechnology with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal</p> <p>Experience: Animal Biotechnology</p>	01	RA	
12	N/A	Gujarat Biotechnology University	<p>1. Ph.D. in Bioinformatics or equivalent degree or having 3 years of research and design and development experience after M. Tech. in Biotechnology with at least 1 research paper in science citation indexed (SCI) journal</p> <p style="text-align: center;">OR</p> <p>2. M.Sc. in Bioinformatics with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal</p> <p>Experience: Bioinformatics / Computational Biology</p>	01	RA	
13	N/A	Gujarat Biotechnology university	<p>1. Ph.D. in Civil Engineering/Environmental Biotechnology or equivalent degree or having 3 years of research and design and development experience after M.E./M. Tech. in Civil</p>	01	RA	



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			Engineering/ Environmental Biotechnology with at least 1 research paper in science citation indexed (SCI) journal OR 2. M.E./M. Tech. with 3 years of research, research and design and development and experience with at least 1 research paper in science citation indexed (SCI) journal Experience: Environmental Biotechnology/Civil Engineering			
14	RSS/UKRI/2019-20/19	Global Challenges Research Fund (GCRF): One Health Poultry Hub	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 NET 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/ Antimicrobial Resistance etc.	02	SRF	Rs. 35,000 + HRA
15	RSS/UKRI/2019-20/19	Global Challenges Research Fund (GCRF): One Health Poultry Hub	Masters, or PhD in Computer Science, Information Technology, Statistics, Mathematics, Engineering, Bioinformatics, or related fields, with 4+ years of relevant experience. Experience: • Ability to work in a Linux environment, and process large amounts of data in a cloud environment.	01	Data Manager	Rs. 65,000/- (fixed) yearly increment @10-12% based on satisfactory performance



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			<ul style="list-style-type: none"> • Coding knowledge and experience with several languages: C, C++, Java, JavaScript, etc. • Experience with command-line scripting, data structures and algorithms. • Thorough, working knowledge of databases such as SQL, NoSQL, HDFS and RDBMS. • Strong data extraction and processing skills, using NoSQL, Map Reduce, Pig, and/or Hive preferred. • Expertise in at least one of the following fields: machine learning, data visualization, data mining, or information retrieval. • Develop and apply machine learning methods such as classification and collaborative filtering. • Proficiency in analysis (e.g. R, SAS) packages, and programming languages (e.g. Pearl, Python, Ruby). • Knowledge of Big data analysis and Hadoop. 			
16	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	<p>For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA</p> <p style="text-align: center;">OR</p> <p>For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)</p>



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17	MIC/2017-18/01	Development of smart panel for microbial screening for enzyme production	1. M.Sc. in Biotechnology /Bioinformatics/ Microbiology/ Molecular 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. OR 2. M.Sc. in Biotechnology/ Bioinformatics/ Microbiology/ Molecular Biology Experience: Candidates having research experience in Cloning, expression and NGS data analysis as evidence will be preferred.	01	JRF	For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA OR For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)
18	HLT/2017-18/05	Biomarker panel for HBOC for Indian population	1. Post graduate in Molecular Biology/ Biotechnology/ Microbiology/Life Sciences/ Genetics with NET qualification or graduate degree in professional course in above subjects with NET qualifications or post graduate degree in professional course in above subjects. OR 2. Post graduate degree in Molecular Biology/ Biotechnology/ Microbiology/Life Sciences/ Genetics Experience: Candidate should have research experience in cancer biology, Genomics, NGS data analysis etc.	01	JRF	For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA OR For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)
19	AGR /2017-18/12-13	Tissue culture protocol of Date palm, Pomegranate, Guggul, 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	01	JRF	For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA OR



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			2. Post graduate degree in Agriculture Biotechnology/ Plant Biotechnology/ Biotechnology/ Microbiology/ Life Sciences Experience: Candidate should have a research experience in plant tissue culture			For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)
20	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 course in above subjects. OR 2. Post graduate degree in Biotechnology/ Bioinformatics/ Human genetics/ Molecular Biology Experience: Candidates having research experience in Genomics, NGS data analysis, computational & systems biology with good research publication, as evidence will be preferred.	01	JRF	For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA OR For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)
21	AGR/2017-18/10	Sex determination kit in Date palm (<i>Phoenix dactylifera</i>)	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 OR 2. Post graduate degree in Veterinary Science/Molecular Biology/ Bioinformatics/ Biotechnology/ Microbiology/Life Sciences Experience: Candidate should have a research experience in Bioinformatics and molecular biology.	01	JRF	For Junior Research Fellow/ having qualification as per desired qualification as per DST, GOI, fellowships will be Rs. 25,000/- + HRA OR For Junior Research Fellow without NET will the fellowship will be Rs. 18,720/- (HRA will be not entitled)



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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 for JRF/SRF is 35 years and 45 years for RA.
- No TA /DA will be paid for attending the interview.
- Last Date of Submission of Online Application: 12-10-2020 up to 18.00 Hrs.
- For online application, please visit: <http://io.gbrc.org.in/fellow>