DEPARTMENT OF BIOINFORMATICS

(UGC- INNO, DST-FIST and PURSE Sponsored Department)

ALAGAPPA UNIVERSITY

(A State University Accredited with "A+" Grade by NAAC (CGPA: 3.64) in the Third Cycle and Graded as Category-I by MHRD-UGC, 2020: QS India Rank: 24, QS ASIA Rank; 222, NIRF Rank:33)

Karaikudi-630 004, Tamil Nadu, India.

Applications are Invited for Project Scientist-I, Project Associate-I and Scientific Administrative Assistant/Attendant Posts under DBT – BIC in Department of Bioinformatics, Alagappa University, Karaikudi.

Project Title	**Identification of Potent Drug for Life-Threatening Diseases** Ref No. BT/PR40154/BTIS/137/34/2021 dated 31.12.2021
DBT-BIC Coordinator & PI	**Dr. J. Jeyakanthan** Professor and Head Department of Bioinformatics 4th Floor, Science Block, Karaikudi-630 004. Email: aludbibic@gmail.com
Position – I (Two-Positions)	**Project Scientist – I @ Rs. 56000 + 8% HRA pm. (i.e., 60480/-) – 2 (Two Numbers)** **Essential Qualification & Eligibility** Doctoral Degree (Ph.D) or Master's Degree in Engineering or Technology in Bioinformatics / Computational Biology / Structural Biology / Biotechnology / Biochemistry / Life Sciences from a recognized Institute / University. **(Upper age limit – 35 years)** **Desirable** Two years' experience in large-scale biological data analysis, developing bioinformatics related databases and software tools with a proven record of publications, software products in public domain, Strong programming skills in HTML, Python, Perl, MySQL and strong knowledge in Bioinformatics, Computer Aided Drug Design, Molecular Biology, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry, Plant Biotechnology, Biochemical and Biophysical Characterization. **Job Roles** **Project Scientist** will be responsible for carrying out research activities in the field of Bioinformatics, Computer Aided Drug Design, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry and Emerging computational biology technologies (nosocomial bacterial and viral pathogens). The Candidates will work in database creation (Perl, MySQL), tools generation (Python, Perl, CSS), maintain the servers in the department. The candidates will identify potent inhibitors for the targets involved in the project using various computational approaches. The candidates will also design and perform cloning, purification and structure determination of various targets from nosocomial bacterial pathogens. The candidates will also work with the PI's to create necessary infrastructure and provide information through computer support services to the national community of researchers. The candidate may be engaged in teaching/ training on the topics of Bioinformatics/ Computational biology, helping department faculty in preparing manuscripts and research grant applications/ reports from time to time as per the time scheduling advised by the Project Coordinator & PI's.

Position – II **(One-Position)**	**Project Associate -I @** Rs. 25000 + 8% HRA pm. (i.e., 27000/-) – **1 (One Number)** **Essential Qualification & Eligibility** Master's Degree in Bioinformatics/ Biochemistry/ Biotechnology/Life Sciences from a recognized Institute/ University. **(Upper age limit – 35 years)** **Desirable** One year experience in large-scale biological data analysis, developing bioinformatics related databases and software tools with a proven record of publications, software products in public domain, Strong programming skills in HTML, Python, Perl, MySQL and strong knowledge in Bioinformatics, Computer Aided Drug Design, Molecular Biology, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry, Plant Biotechnology, Biochemical and Biophysical Characterization. **Job Roles** **Project Associate** will be responsible for carrying out research activities in the field of Bioinformatics, Computer Aided Drug Design, Structural Biology, Pharmacogenomics, Applied Chemistry, Theoretical & Computational Chemistry and Emerging Computational technologies (nosocomial bacterial and viral pathogens). The Candidate will work in database creation (Perl, MySQL), tools generation (Python, Perl, CSS) and maintain the servers in the department. The candidate will design and perform cloning, purification and structure determination of various targets from nosocomial bacterial pathogens. The candidate will identify potent inhibitors for the targets involved in the project using various computational approaches. The candidates will also work with the PI's to create necessary infrastructure and provide information through computer support services to the national community of researchers.
Position – III **(One-Position)**	**Scientific Administrative Assistant/Attendant @** Rs. 18000 + 8% HRA pm. (i.e. 19440/-) – **1 (One Number)** **Essential Qualification & Eligibility** Graduate/Master degree in any discipline. **(Upper age limit – 50 years)** **Desirable** Proficiency in administrative work with English fluency, Computer operations (Microsoft Office) and two years' experience in maintaining research projects/administrative experience in an academic institution. **Job Roles** Candidate will maintain the budgeting, progress reports and any activities related to BIC in particular. The candidate will help the Bioinformatics faculty in managing their research projects, including those funded by BIC. In addition, they may be assigned any suitable task by the Project Coordinator & PI's.

Duration	The selected candidates will be appointed on purely temporary basis **Initially for a period of 1 year and can be extended each year based on the performances (review process) of the candidates.**

How to Apply

Interested candidates may apply for the positions by sending their filled in Application form in prescribed format enclosed along with the curriculum vitae. The interested candidates fulfilling the requirements can submit their hard copy of the application latest by **1st May, 2022. 05.00 pm** via post to the below mentioned address and **soft copy through** email to **aludbibic@gmail.com.**

Note:

1. Applications are invited from Indian Nationals only for the project positions.

2. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply

3. The Hard Copy of the application along with the requisite documents via post, the envelope should be super scribed mentioning the post indented to apply without fail.

4. Interested candidates can send their filled-in Application form, Curriculum Vitae along with the copies of their educational qualification, birth and experience certificates testimonial from the Research Supervisor/Head of the Department/Institution, where last studied/employed.

5. Candidates will be shortlisted based on qualification and suitability for the project. **Only the short-listed candidates will be called for the interview**. A written screening test may be conducted if more number of applications are received.

6. Please note that no TA/DA is admissible for attending the interview.

7. **Interviews are likely to be held over Google Meet online meeting platform. However, depending on the circumstances, calling shortlisted candidates for personal interview is not ruled out.**

8. Emoluments detail of research personal(s) mentioned shall be applicable only if candidate(s) met educational qualification and eligibility criteria **as per the norms of Ministry of Education – Department of Science and Technology**

9. Age relaxation will be applicable as per GOI norms.

Last date to Apply: 1st May, 2022(05.00 pm IST)

Postal Address and Enquiries contact
Dr. J. Jeyakanthan
Professor & Head
Project Coordinator
Bioinformatics and Computational Biology
Center (DBT-BIC),
Room No. 402, 4th Floor,
Department of Bioinformatics,
Science Campus, Alagappa University, Karaikudi,
Tamilnadu
(aludbibic@gmail.com)

Project Coordinator

Dr. J. Jeyakanthan
Professor and Head
Department of Bioinformatics
Alagappa University
Karaikudi - 630 003.
Tamil Nadu, India.

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Karaikudi-630 004, Tamil Nadu, India.

Applications for the post of Project Scientist, Project Associate and Scientific Administrative Assistant /Attendant under Bioinformatics and Computational Biology Center (DBT – BIC)

(Applicant is requested to type the information in this format only and can add more lines in the format, wherever required.)

1.	Name	:	Please attach the passport size photograph
2.	Date of Birth	:	
3.	Age (As on 1st May, 2022)	:	
4.	Title of the Project **(DBT - BIC)**	:	**Identification of Potent Drug for Life-Threatening Diseases**
5.	Post Applied for	:	
6.	Gender	:	
7.	Father's Name	:	
8.	Mother's Name	:	
9.	Postal address with Pin code	:	
10.	Permanent Address with Pin code	:	
11.	Phone No (With STD Code)	:	
12.	Mobile No.	:	
13.	E-Mail Address	:	
14.	Category **(Attach attested copy of the certificate)**	:	
15.	Nationality	:	
16.	Two pages self-assessment indicating how you are the most suitable candidate for the position and you can contribute the project	:	**Applicable for Position – I & II** (Attach separately)

17. **Educational Qualification**

Qualification	Institution / College	Board / University	Month and Year of Passing	Marks Obtained (%)	Class / Division

* **Attach detailed curriculum vitae along with self-attested copies of educational qualification**

18. **Publication**

S. No	Title of the Publication	Name of the Author(s)	Journal/ Vol/ Pg no/Year	National/ International

*Not applicable for Scientific Administrative Assistant/Attendant

19. **Citation Records**
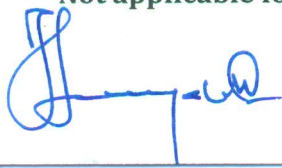
S. No.	Details	Scopus	Google
1	Total Number of Publications		
2	Total Number of Citations		
3	h-index		
4	i-10 index		

*Not applicable for Scientific Administrative Assistant/Attendant

20. **Books/Chapters Authored.**

S. No	Title of the Book	Name of the Author(s)	Name of the Publisher	ISBN No & Year

*Not applicable for Scientific Administrative Assistant/Attendant

21. **Details of Work Experience:**

Name of Organization / Institute	Designation	Total Emoluments	Length of Service		Nature of work
			From	To	

22. **Any other Outstanding Contributions/Achievements not covered in the Application.** (Provide in bullet points preferably in quantifiable terms)

Declaration: I understand that in the event of any information provided above being found incorrect or misleading, my candidature shall be liable to cancellation by DBI at any time.
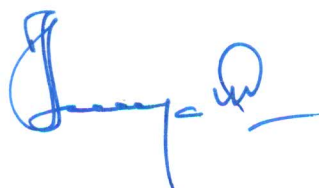
Place: Signature of the candidate

Date:

Instructions:

Completely filled in application form along with the hard copies of their educational qualification, testimonial from the Research Supervisor/Head of the Department/Institution where last studied/Employed, Experience Certificates and Birth Certificate should be sent via post to **Dr. J. Jeyakanthan, Professor & Head/Project Coordinator, Bioinformatics and Computational Biology Center (DBT-BIC), Room No. 402, 4th Floor, Department of Bioinformatics, Science Campus, Alagappa University, Karaikudi, Tamil Nadu - 630 003, India** and the soft copies via email to aludbibic@gmail.com **on or before 1st May, 2022 (05.00 pm IST)**

SUMMARY SHEET – Bioinformatics and Computational Biology Center (BIC), Alagappa University

Position Applied for	

Name of Applicant	

Date of Birth and Place of Birth		Age: (As on 1st May, 2022)

Address for Communication	

Current Position and Affiliation	

Details of Doctoral Degree Received	Institute/ University	
	City	Country
	Date of Award of Ph.D./Masters of Engineering or Technology	Area of Interest

*Total Work Experience	Teaching Experience			
	Research Experience	National:		International:
	Industrial Experience			

*Research Contributions	Number of Journal Publications		Number of Presentations in Conferences	
	International	National	International	National
	Citation		H - Index	
	i-10 Index			
	Number of Books Authored			

I, hereby declare that all the statements/particulars made/furnished in this application are true, complete and correct to the best of my knowledge and belief.

Signature with Date

*Not applicable for Scientific Administrative Assistant/Attendant