

दक्षिण बिहार केन्द्रीय  
विश्वविद्यालय



Central University of  
South Bihar

(A Central University Established by an Act of Parliament)  
NAAC Accreditation: Grade 'A'

Advertisement No:----

Date: 31/01/2022

**Advertisement for Project Assistant post under the DBT funded project**

Applications are invited from suitable candidates for Project Assistants (Two Positions) to work on the DBT funded project (BT/PR3487/AGII/103/1179/2019) "**Development of herbicides against Acetyl CoA Carboxylase to address resistance and cross-resistance against *Phalaris minor*: A weed of wheat crop field**" under the supervision of **Dr. Durg Vijay Singh, Dept of Bioinformatics, SEBES Central University of South Bihar.**

**Brief description and objective of the project:** The project's objective is to develop novel herbicides against resistant biotypes of *Phalaris minor*. *P. minor* is a notorious weed of wheat crop, and it causes a huge loss in grain production. Under this project, students have to work on molecular modeling and extensive simulation work to design a novel chemical entity. The designed chemical entity will be synthesized and tested at the lab and field stage.

The position is purely temporary basis and will be governed by the funding agency and Central University of South Bihar rules and regulations. The details of other requirements are as below:

Post	Required Skills	Essential Qualification/ Consolidated Emoluments
Project Assistant 1	The Project Assistant will do the routine molecular modelling, simulation, drug discovery work, and whole plant assay	B.Sc. / 3 years Diploma in Engineering and technology ₹ 20,000/ and 8% HRA
Project Assistant 2	The Project Assistant will do the chemical synthesis of designed molecules.	

**Desirable Qualification:**

**For Project Assistant 1:** Candidates having a degree in M.Sc. Bioinformatics / Computational Biology or M.Sc. in Science with expertise in molecular modelling simulation and Drug Discovery with working experience and expertise in Molecular Dynamics Simulation, Molecular Modelling, and Drug Discovery.

**For Project Assistant 2:** Candidate having a degree in M.Sc. Chemistry / Medicinal Chemistry with expertise in organic synthesis and derivatives of small molecules.

**Duration of Project:** 3 Years (Purely Temporary)

**Age Limit:** 28 Years / Age relaxation is admissible as per DBT guidelines

**Selection Procedure:** Interested and eligible candidates may send Biodata / CV through email at [durgvijaysingh@cub.ac.in](mailto:durgvijaysingh@cub.ac.in) for post-1 and [girish@cub.ac.in](mailto:girish@cub.ac.in) for post-2 on or before 21.02.2022, along with 250 words write-up. Applicants also need to bring all their testimonials/documents original and one (01) self-attested copy.

**Process of selection:** The selection will be made on the basis of the interview. No TA/DA shall be paid to the candidates for attending the interview.

**Date time and venue for interview:**

Date	Time	Venue
22/02/2022	11:00 AM onwards	<b>Aryabhatta Bhawan</b> Room No. 236 (2nd floor), Department of Bioinformatics, School of Earth Biological and Environment Sciences, Central University of South Bihar, SH-7, Gaya-Panchanpur Road, P.O.: Fatehpur, District-Gaya (Bihar), Pin-824236.

**\*Considering the prevailing situation of the COVID-19, the mode of Interview (Online/Offline) will be notified to the candidates as soon as possible.**

**\*Students may contact the given Mail ID: [durgvijaysingh@cub.ac.in](mailto:durgvijaysingh@cub.ac.in); Con. No: 7488031175/[girish@cub.ac.in](mailto:girish@cub.ac.in); Con. No: +916204870720**

**Terms and conditions:**

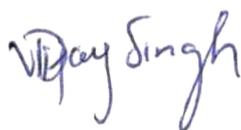
1. The post will be on a contractual basis for the duration of the project (3 years).
2. The duration of the project is for three years.
3. The appointment can be terminated with one month's notice or one month's salary from either side without assigning any reason.
4. No TA/DA etc. will be given to attend the interview or join the post, and candidates should make their own arrangements.
5. Qualification and experience should be from a recognized institute.
6. Merely fulfilling the essential qualification does not guarantee the interview call and selection.
7. The selected candidate will work in the project mentioned above and on any other work that the Principal Investigator may assign from time to time.

Name of Project Investigator

PI: Dr. Durg Vijay Singh (Assistant Professor Dept of Bioinformatics)

Co-PI: Dr. Girish Chandra (Assistant Professor Dept of Chemistry)

Co-PI: Prof. R.S. Rahore (Professor Dept of Bioinformatics)



31/01/2022