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# BIOINFORMATICS CENTRE

## BIODIVERSITY INFORMATICS: North-east India Bio-Bank of Codes Network (NIBBCoNet): at North-Eastern Hill University, Shillong"

**Dr. Devendra Kumar Biswal**
Coordinator

## Advertisement for the posts of Project Associate -I, II and Project Assistant in a DBT, GOI-funded research project at Bioinformatics Centre, NEHU, Shillong

Ours is a DBT-BTISNet centre focussing on Biodiversity Informatics in north east India and it serves as an information base in various aspects of Biodiversity related to computational biology. Some of our important areas of research are molecular characterization and genome diversity in plants and helminth parasites of medico-veterinary importance with a focus on foodborne trematodiases. Extensive work on evolutionary bioinformatics and phylogenomics of foodborne trematodiases specific to the region, next generation sequencing and analysis of selected trematodes, orchids and carnivorous plants has also been established. Our earlier achievements/findings/leads from these above-mentioned projects will form the basis/pillars of the model network project **"Biodiversity Informatics: North-east India Bio-Bank of Codes Network (NIBBCoNet): Bioinformatics Centre @NEHU, Shillong"** The project will be a North-east India centric project in national network mode.

Applications with complete bio-data and a covering letter (SOP)  from candidates possessing the required qualifications are invited for the following research positions in the DBT, GOI-funded project **BIODIVERSITY INFORMATICS: North-east India Bio-Bank of Codes Network (NIBBCoNet): BIC at North-Eastern Hill University, Shillong".**

**Duration: 5 Years**

**Posts:**

1. **Project Associate-I (1 no)**
   **Qualifications:** M.Tech/M.Sc.  in Computational Biology/Bioinformatics/M.Sc. (IT)/MCA/ M.Sc. in areas of Life Sciences with knowledge of computer programming
   **Emoluments:** As per DBT sanction order and rules. OM No. SR/S9/Z-05/2019 dated 10.07.2020. Project Associate I @ Rs. 31000/- +16% HRA pm. (i.e. Rs.35960/-).

2. **Project Associate-II (1 no):**
   **Essential Qualifications:** M.Tech/M.Sc.  in Computational Biology/Bioinformatics/M.Sc. (IT)/MCA
   **Experience:** Candidates having 2 years' experience in Research & Development in Industrial and Academic institutions or Science and Technology Organisations in Next generation sequencing data analysis with advanced bioinformatics knowledge will be given preference only.
   **Emoluments:** Project Associate II @ Rs. 35000/- +16% HRA pm. (i.e. Rs.40600/-).

We are deploying evolutionary models to study molecular and translational aspects of biodiversity research. We will utilize these systems to uncover molecular mechanisms for studying the past, present and future of biodiversity. The project focuses on unravelling the mysteries of life both flora and fauna in close collaboration with several Investigators in the country.

The successful candidates will interact within a multidisciplinary environment of biologists, and computational scientists. The candidates are expected to work in close association with a diverse team to formulate hypotheses and validate predictions using genomic and transcriptomic assays.

**Research Responsibilities:**

- Set up bioinformatics platforms and develop computational pipelines for the analysis of biodiversity heterogeneous datasets.
- Use computational techniques to published / unpublished biological data for the analysis and interpretation of omics datasets.

**Your profile:**

- Exceptional self-motivated computational research fellow with a strong analytical background and strong inclination towards natural sciences.
- Previous exposure to and experience with bioinformatics as well as interests in molecular aspects of biodiversity research
- Due to the interdisciplinary framework and close collaboration with wet-bench scientists, communicative skills (both spoken and writing) are essential

**Only serious and eligible candidates as per their biodata accompanied by the covering letter will be called for interview (online/offline). Your covering letter needs to be a natural one and thought provoking which will help us in taking a decision in your favour.**

3. **Project Assistant:**
   **Essential Qualifications:**
   **i. Three years degree course from UGC-recognized University.**
   **ii. Diploma in computer Application with expertise in Office automation**
   **Experience:**
   **Minimum five years' Experience in Operation/ Maintenance of Store & Stocks, Office files in research laboratory of any reputed institution.**
   **Emoluments: Project Assistant @Rs.20000/-+16% HRA pm. (i.e. Rs.23200/-) Increment of 15% for every 3 years of experience.**

4. **Scientific Administrative Assistant**
   **Essential Qualifications:**
   **i. Three years degree course from UGC-recognized University.**
   **ii. Diploma in computer Application with expertise in Office automation**
   **Experience:**
   **Three years' Experience in Operation/ Maintenance of Store & Stocks, Office files in research laboratory of any reputed institution.**

**Emoluments:** **@Rs.18000/-+16% HRA pm. (i.e. Rs.20880/-) Increment of 15% for every 3 years of experience.**

**Age limit for posts at serial no. 1,2 & 3 will be as per DBT sanction order and rules. OM No. SR/S9/Z-05/2019 dated 10.07.2020.**

The applications may please be submitted in the email **devbioinfo@gmail.com** within 15 days from the date of publication of this advertisement. The advertised posts are purely temporary for the duration of the project and subject to availability of the funds from DBT. The appointment does not confer any entitlement or right over the posts for absorption in the University service.

**Devendra Kumar Biswal, DPhil**
**Program Coordinator**
**&**
**Prof. S.R. Joshi, Co-PI**

**Bioinformatics Centre**
**North-Eastern Hill University**
**Shillong 793022**