

NORTH EASTERN HILL UNIVERSITY
Department of Zoology, School of Life Sciences, Shillong-793 022

Dated: August 11, 2020

Applications along with the biodata and attested copies of all certificates are invited for two positions of Junior Research Fellows in a Department of Biotechnology (DBT), Govt. of India, sponsored research project entitled **“Purification and characterisation of glycerol kinase and glycerol-3-phosphate dehydrogenase (cytosolic and mitochondrial) from *Homo sapiens* for their critical role in type 2 diabetes” (BT/PR31051/MED/30/2100/2019 dated 05/08/2020)**, sanctioned to Dr. Bidyadhar Das (PI) and Dr. Devendra K. Biswal (Co-PI) for a period of 3 years. The applications should reach the PI on or before **15th September 2020**.

The details of the research project are given below:

Name of the post	Junior Research Fellow
Number of posts	Two (2)
Name of the project	Purification and characterisation of glycerol kinase and glycerol-3-phosphate dehydrogenase (cytosolic and mitochondrial) from <i>Homo sapiens</i> for their critical role in type 2 diabetes (BT/PR31051/MED/30/2100/2019 dated 05/08/2020)
Name of the Principal Investigator	Dr. Bidyadhar Das Department of Zoology, NEHU Shillong-793022
Name of the Co-Investigator	Dr. Devendra K. Biswal Bioinformatics Center, NEHU Shillong-793022
Name of the Sponsor	DBT, GoI, New Delhi
Duration of the position	Three years
JRF Fellowship	As per DBT, GoI, rules and regulations
Age limit	Less than 28 years as on 15/08/2020 (Age relaxation for SC/ST/OBC/PHD candidates as per GoI norms)
Essential Qualifications	M. Sc. in Zoology/ Biochemistry/ Biotechnology/ Bioinformatics with minimum of 55% marks in the qualifying examination (with relaxation as per GoI rules). Candidates with NET (UGC-CSIR)/ GATE and <ul style="list-style-type: none">• experiences in protein expression in <i>E. coli</i>/ yeast, and protein purification and molecular biology would be preferred, and/or• experiences in handling various bioinformatics software for protein chemistry (like Schrödinger platform/ Discovery Studio/ PyMol/ HKL-3000/ Coot/ CCP4) would also be preferred.

No TA/DA is admissible for attending the interview, if you are called for.

Bidyadhar Das (PI)
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