

**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 **15<sup>th</sup> September 2020**.

The details of the research project are given below:

<b>Name of the post</b>	Junior Research Fellow
<b>Number of posts</b>	Two (2)
<b>Name of the project</b>	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)
<b>Name of the Principal Investigator</b>	Dr. Bidyadhar Das Department of Zoology, NEHU Shillong-793022
<b>Name of the Co-Investigator</b>	Dr. Devendra K. Biswal Bioinformatics Center, NEHU Shillong-793022
<b>Name of the Sponsor</b>	DBT, GoI, New Delhi
<b>Duration of the position</b>	Three years
<b>JRF Fellowship</b>	As per DBT, GoI, rules and regulations
<b>Age limit</b>	Less than 28 years as on 15/08/2020 (Age relaxation for SC/ST/OBC/PHD candidates as per GoI norms)
<b>Essential Qualifications</b>	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"><li>• experiences in protein expression in <i>E. coli</i>/ yeast, and protein purification and molecular biology would be preferred, and/or</li><li>• experiences in handling various bioinformatics software for protein chemistry (like Schrödinger platform/ Discovery Studio/ PyMol/ HKL-3000/ Coot/ CCP4) would also be preferred.</li></ul>

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

Bidyadhar Das (PI)  
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