

6 माइल, सामदुर, तादोंग -737102
गंगटोक, सिक्किम, भारत
फोन-03592-251212, 251415, 251656
टेलीफैक्स -251067
वेबसाइट - www.cus.ac.in



सिक्किम विश्वविद्यालय
SIKKIM UNIVERSITY

(भारत के संसद के अधिनियम द्वारा वर्ष 2007 में स्थापित और नैक (एनएएसी) द्वारा वर्ष 2015 में प्रत्यायित केंद्रीय विश्वविद्यालय)
(A central university established by an Act of Parliament of India in 2007 and accredited by NAAC in 2015)

6th Mile, Samdur, Tadong -737102
Gangtok, Sikkim, India
Ph. 03592-251212, 251415, 251656
Telefax: 251067
Website: www.cus.ac.in

SU/COMA/F-2/DBT-PROJECT/SROY/Adv-02/2025

Date: 20.05.2025

Advertisement

Hiring Manpower for the Department of Biotechnology (DBT)-Gol funded research project in the *Network Reconstruction and Analysis* (NETRA)-Lab, Department of Computer Applications, Sikkim (Central University).

Applications are invited from eligible candidates with detailed bio-data (including academic qualification, relevant experiences), email ID, mobile number, supported by duly attested copies of the certificates may be forwarded to the following email address for a temporary research position. Please note that meeting the basic eligibility criteria does not guarantee an interview call. Shortlisted candidates will be notified via email and invited for an online or offline interview. No TA/DA is admissible for attending the offline interview.

1. **Title of the project** : **Designing High-Performing, Graph Neural Network Based Novel Computational Tools for Multi-layered Protein Interaction Networks (PINs) Alignment and Identification of Network Modules/Motifs for Prioritizing Common Anti-Viral Drug Targets for Multiple Hepatotropic Viral Diseases**
2. **Duration of the project** : **3 Years**
3. **Position Available** :
 1. **Senior Research Fellow (SRF)**-One (01) Nos.
 2. **Junior Research Fellow (JRF)**- Two (02) Nos.
4. **Tenure of the Appointment** : **Initially for 01 year. May be extended further, subject to availability of fund and satisfactory performance.**
5. **Fellowship** : **SRF will receive a monthly stipend of ₹42,000/- with an additional 08% HRA as per applicable rules. JRF will receive a monthly stipend of ₹37,000/- with an additional 08% HRA as per applicable rules.**
6. **Last Date of Application** : **Two (02) weeks from the date of publication of the advertisement. Email: (sroy01@cus.ac.in)**
7. **Investigators** : **Dr. Swarup Roy (Principal Investigator)
Dr. Amit Chakraborty (Co-Investigator)**

6 माइल, सामदुर, तादोंग -737102
गंगटोक, सिक्किम, भारत
फोन-03592-251212, 251415, 251656
टेलीफैक्स -251067
वेबसाइट - www.cus.ac.in



सिक्किम विश्वविद्यालय SIKKIM UNIVERSITY

(भारत के संसद के अधिनियम द्वारा वर्ष 2007 में स्थापित और नैक (एनएएसी) द्वारा वर्ष 2015 में प्रत्यायित केंद्रीय विश्वविद्यालय)
(A central university established by an Act of Parliament of India in 2007 and accredited by NAAC in 2015)

6th Mile, Samdur, Tadong -737102
Gangtok, Sikkim, India
Ph. 03592-251212, 251415, 251656
Telefax: 251067
Website: www.cus.ac.in

8. Qualification

:

Position	Junior Research Fellow (JRF)	Senior Research Fellow (SRF)
Essential Qualifications	<ul style="list-style-type: none">- M.Sc./M.Tech/M.S./MCA in CS, Bioinformatics, Data Science, or related fields- Qualified CSIR/UGC NET, GATE, or selection through national-level exams conducted by Central Govt Dept.	<ul style="list-style-type: none">- Same as JRF Qualifications- Minimum two years of research experience
Preferred Qualification	<ul style="list-style-type: none">- Background in computational biology, AI/ML	<ul style="list-style-type: none">- At least one SCI publication in relevant domain is highly desirable- Experience in graph-based bioinformatics, GNN/AI/ML tools, computational biology
Technical Skills	<ul style="list-style-type: none">- Python programming- PyTorch, TensorFlow, PyG, DGL- GNNs, multimodal data fusion- Dimensionality reduction, network prediction	<ul style="list-style-type: none">- Same as JRF Technical Skills- ML pipeline optimization- Handling complex multilayer biological networks

Sd/-

Principal Investigator