SU/COMA/F-2/PROJECT/SROY/DST-ICPS/ADV-01   **Date: 02.04.2019**

Advertisement

Recruitment of Junior Research Fellow (JRF) Under the ICPS-Data Science Research Initiative Programme of Department of Science and Technology (DST-Govt. of India) in the *Network Reconstruction and Analysis* (NETRA)-Lab, Department of Computer Applications, Sikkim (Central University).

Application on plain paper is invited from eligible candidates with detailed bio-data, Email ID, Mobile number, supported by duly attested copies of the certificates may be forwarded to the following address for a temporary research position in **DST-ICPS (Data Science), India** supported project. Advance copy of the application with bio-data also to be forwarded through email to the Principal Investigator (*sroy01@cus.ac.in*). Short listed applicants will be invited (through email) for interview at Sikkim University. **No TA/DA is admissible for attending the interview**.

1.	**Title of the project**	:	Large Scale Biological Network Reconstruction and Analysis for Identifying Therapeutic Targets for Alzheimer's: A Big Data Initiative
2.	**Duration of the project**	:	3 Years
3.	**Position Available**	:	**Junior Research Fellow (JRF)]**-Three (03) Nos.
4.	**Stipend**	:	**Fellowship**: As per DST-India guidelines Rs.25,000/- per month for two years and Rs. 28,000/- for the third year. 10% HRA extra as per rule.
5.	**Qualification**	:	M.Tech. in IT/CSE or M.C.A. (regular course only) from any recognized institute with good academic records and programming knowledge in the environment like R/Python/Java. **Preference**: i. Proven experience in Data mining/Machine Learning/similar areas related to the project theme in the form of Research Papers. ii. Hands-on knowledge in PyCUDA or R-CUDA for implementing parallel data mining algorithms. iii. Programming experience in High Performance Computing environment.

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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)

Or

M.C.A. / BTech (CSE/IT or equivalent)/M.Sc (CSE/IT) from recognized institute (**regular course only**) with good academic records and programming knowledge in PHP-5,PHP-R, R-Shiny,HTML, CSS, Java Script/D3.js, Jquery, Apache 2.2 etc.

Preference: i. Proven experience in professional web application development using above environments.
ii. Hands on knowledge in CUDA for implementing parallel algorithms.

6.	**Tenure of Appointment**	: Initially for One year and extendible up to the tenure of the project based on the performance.
7.	**Last Date for Application**	: By Email: **21st April 2019** (**sroy01@cus.ac.in**)
8.	**Communication Address**	: Dr Swarup Roy (Principal Investigator) Associate Professor Department of Computer Applications Sikkim (Central) University 6th Mile, Samdur, Tadong, Gangtok, Sikkim-737102.

Sd/-

Principal Investigator