No.PU/507/ADV/**150**   **12** May 2021

ADVERTISEMENT

Applications are invited for recruitment of five (05) Project linked persons (one position for each project) purely on a temporary basis to work on the following research projects in the Advanced Computing & Microelectronics Unit (ACMU) of the Institute, Kolkata.

Sl. No.	Title of the Project
(1)	Modelling, Verification and Synthesis for Multi-Access Edge Computing (MVSMEC)
(2)	Co-operative Channel Sharing in Cognitive Radio Ad Hoc Networks - Phase II (CRAN2)
(3)	Computational Topology and its Applications in Topological Data Analysis (CTAT)
(4)	Distributed Algorithms for Fat Robots (DAFR)
(5)	Machine Learning Based Physical Design Automation for Next Generation ICs (MLPDA)

Qualifications :

For Project (1): Ph.D. (submitted/ awarded)/ M.E./ M. Tech./ M.S./ M.Sc. in CSE with a very good academic record throughout; final year final semester students can also apply. Research experience in Computer Architecture/Embedded Systems/ Operating Systems particularly desirable.

For Projects (2) : Ph.D. (submitted/ awarded)/ M.E./ M. Tech./ M.Sc. in CSE/ ECE with a very good academic record throughout; final year final semester students can also apply. Research experience in Wireless Networks, IoT and 5G technologies with good hardware-software skill for testbed/ outdoor experiments particularly desirable.

For Project (3): M. Tech. in Computer Science (with 1st class) and evidence of having undergone courses in Randomized Algorithms and Discrete Geometry.

For Projects (4) : Masters Degree in Computer Science or related areas. Research experience in the area of Distributed Computing or related area (desirable)

For Project (5) : Ph.D. (awarded/submitted)/M. E./ M. Tech./M.S. in CSE with a very good academic record throughout; final year final semester students of Master's degree programmes can also apply. Research experience in algorithms and data structures; machine learning particularly desirable.

Pay :

A consolidated pay ranging EITHER between **Rs.31000**/- (Rupees thirty one thousand only) to **Rs.35000**/- (Rupees thirty five thousand only) per month for candidates with M.E./M. Tech. degree (awarded/about to complete final examinations); OR **Rs.40000/-** (Rupees forty thousand only) to **Rs.50000/-** (Rupees fifty thousand only) per month for candidates with Ph.D. (submitted/awarded) depending on the qualification and experience of the selected candidate.

Tenure of appointment :

The appointment is upto 31 March 2022 from the date of joining in the Institute, which may be extended later/ terminated earlier based on the performance, and availability of the required funds for the corresponding project.

Age :

Should not exceed 35 years as on 01 May 2021. Age may be relaxed for exceptionally bright candidates with relevant research experience. Usual relaxation for SC/ST/OBC/Women/differently abled candidates will be applicable.

A candidate applying for one or more of the positions should send by email to headacmu@isical.ac.in **before 07 June 2021**, with Subject: ACMU PLP Recruitment 2021-2022. **A zip folder of PDF files only for** Cover letter addressed to the Head, Advanced Computing and Microelectronics Unit, Indian Statistical Institute stating in English the Title(s) of the above listed research projects interested in order of preference and their current resume stating particulars of (a) Name (In block letters), (b) Mailing Address, (c) E-mail Address, (d) Telephone/Mobile No., (e) Parent's/Spouse's Name, (f) Date of birth, (g) Aadhaar No., (h) Academic Qualifications (mentioning the percentage of marks obtained starting from 10th board examinations onwards), (i) Experience (if any), (j) SC/ST/OBC/Differently abled status along with self attested copies of all documents/testimonials. At the time of joining, selected candidate(s) have to produce all relevant documents/testimonials in original for verification and a medical certificate of fitness from the Medical Officer of the Institute. Failing this, the institute will offer the position to the next candidate in the merit list prepared for this purpose. Resumes with incomplete information will be summarily rejected. **Applicants shortlisted for online interview/written test will be notified in June 2021 by e-mail to the address provided in the application**, maintaining all preventive measures to prevent the spread of COVID-19 pandemic. For further information, please visit the http://www.isical.ac.in/~acmu. The Institute reserves the right not to appoint any of the above. This advertisement is also available on our website www.isical.ac.in/jobs.

(**Krishnendu Mukhopadhyaya**)
Professor-in-Charge
Computer & Communication Sciences Division

Copy to :
1. Head, Advanced Computing & Microelectronics Unit.
2. Professor-in-Charge, Computer & Communication Sciences Division.
3. All Heads of Division/Departments/Sections/Units etc. for circulation amongst the workers and NOTICE BOARD.
4. In-Charge, Despatch Section for arranging circulation accordingly.
5. Director's Office (6) CE (A&F)'s Office.
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