भारतीय सांख्यिकीय संस्थान
INDIAN STATISTICAL INSTITUTE
203, बी. टी. रोड, कोलकाता – 700 108 / 203, B. T. Road, Kolkata- 700 108
(An Autonomous Body funded by Ministry of Statistics and Program Implementation, GoI)
(सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय द्वारा वित्तपोषित एक स्वायत्त निकाय, भारत सरकार)
UNITY IN DIVERSITY
YEARS OF CELEBRATING THE MAHATMA

No. PU/507/ADV/**2210** **02** July 2020

ADVERTISEMENT

Applications are invited for recruitment of eight (08) 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)	Geometric Shortest Path Problems with Violations
(2)	Minimum Discriminating Codes in Geometric Setup
(3)	Center Location Problems on Graphs and Plane
(4)	Model-Centric Algorithms for Graph-Theoretic, Clustering and Geometric Problems
(5)	Computational Topology and its Applications in Topological Data Analysis
(6)	Distributed Algorithms for Fat Robots
(7)	Relay Selection in 5G Device to Device Communications under Uncontrolled Interference
(8)	Machine Learning Based Physical Design Automation for Next Generation ICs

Qualifications : **For Project (1 & 2)**: M. Sc. in CS/MCA or M E / M Tech in CSE/ECE/ETCE or related discipline.
For Project (3): EITHER PhD (submitted/awarded) OR ME/ M.Tech./ M.Sc. in CS/ CSE/ Mathematics or related discipline with at least 2 years' research experience in graph/geometry related subjects.
For Project (4): M E / M Tech in Computer Science with good academic record; final year final semester students can also apply.
For Project (5): PhD in Computer Science.
For Project (6): PhD in Computer Science (awarded/submitted). Research experience in the area of Distributed Computing or related area.
For Project (7 & 8): M E / M Tech in CSE/ECE/ETCE or related discipline with good academic record; final year final semester students can also apply.

Pay : A consolidated pay ranging between **₹28000/-** (Rupees twenty eight thousand only) to **₹35000/-** (Rupees thirty five thousand only) per month for candidates with M.Sc. in Computer Science/ MCA or M.E./M. Tech. degree (awarded/about to complete final examinations) and **₹40000/-** (Rupees forty thousand only) to **₹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 : Initially for a period of six months 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 July 2020. 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.

Candidates are requested to send their current resume mentioned projects Title(s) interested in order of preference with a covering letter written in English addressed to the Head, Advanced Computing and Microelectronics Unit, Indian Statistical Institute 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 should send through e-mail to headacmu@isical.ac.in with a zip folder of PDF files **by 20 July 2020**. A candidate can apply for one or more projects. Resumes with incomplete information will be summarily rejected. Shortlisted candidates selected for written test/ interview will be notified by e-mail to the address provided by the applicant within last week of July 2020 with maintaining of all preventive measures to prevent the spread of COVID-19 Global epidemic as directed by the Government of India.. 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.*

(**Bhabatosh Chanda**)
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.
7. No.PU/507/ADV/C (8) No.PU/509/PROJECT-ADV-SC/C.

24/7/2020