THE INSTITUTE OF MATHEMATICAL SCIENCES

(An Autonomous Institution, under Dept. of Atomic Energy, Govt. of India)

4th Cross Road, CIT Campus, Taramani, Chennai – 600 113

Advt No. /23-R/IMSc/2016 October 20, 2016

The Institute of Mathematical Sciences (IMSc), Chennai is a National Institute of higher learning which fosters high quality fundamental research in frontier disciplines of Mathematical Sciences. IMSc has intensive teaching programme for award of M.Sc (by Research) and Ph.D. Degree.

Applications are invited for filling up of the following Project positions on consolidated salary from the eligible candidates who fulfill requisite qualifications/ specifications mentioned therein. The positions indicated under the respective on-going projects are proposed to be filled purely on contract basis only and there is no scope of continuation/ regularization/ absorption under any circumstances.

A] PROJECT POSITIONS:

Table - I

Name of the Project	Position & Code No.	No. of Positions	Selection Method	Minimum Qualifications	Consolidated Salary
XII Plan Project Project of Interdisciplinary Science and Modelling [PRISM]	Project Assistant [Code No.1/3, 2/3 & 3/3]	Three	Written test followed by Interview for short listed candidates on the same day. [or] Direct interview in case the no. of candidates appeared is less than five	Bachelors Degree in Science disciplines or Engineering disciplines (or) Masters Degree in Science disciplines or Engineering Disciplines	Rs. 25,000/- p.m. + HRA @ 30% on Consolidated salary. (or) Rs. 28,000/- p.m. + HRA @ 30% on Consolidated Salary.

SPECIFIC REQUIREMENTS FOR EACH PROJECT POSITION:

Project Assistant [Code No.1/3] :

The candidate will work on a project relating to modelling and predicting patient outcomes based on clinical data. The candidate should have familiarity with computer programming, statistics, and machine learning techniques. Expertise in the R or Python programming languages will be a significant plus.

Project Assistant [Code No.2/3] :

The candidate will work on a project relating to analysis of next-generation-sequencing data from various sources including the ENCODE project.   The candidate should have basis familiarity with bioinformatic pipelines including retrieval of sequences from online sources; file formats of bioinformatics/NGS data and in particular the formats used by ENCODE (GFF, FTF, BED, NarrowPeak, sam, ham, etc); basic familiarity with Unix/Linux systems; and be a good computer programmer in at least one language.

Project Assistant [Code No.3/3] :

The candidate will work on a project involving the simulation of agent-based models for infectious diseases, refining and repurposing existing codes in C++. The candidate should be a skilled programmer in C++, familiar with the STL, and with the ability to write fast, efficient well-documents code. Experience with open source 3D graphics and animation software, especially BLENDER, would be an added asset.

B] General Information:

Interested candidates are requested to send a brief e-mail for each position they apply about their interest by attaching therewith their latest resume to the suggested e-mail id by date & time as per details given below and mentioning the position details in the subject of the e-mail as "Application for the Position of Project Assistant, Code No. …..... Advt. No:23-R/IMSc/2016 dated October 20, 2016".

Table II

Sl.No.	Position Applied for and Code No.	Unique e-mail to which a brief e-mail attaching therewith the resume to be sent	Time & Date by which the mail to be sent
01	Project Assistant, Code No: 1/3	prism_01@imsc.res.in	
02	Project Assistant, Code No.2/3	prism_02@imsc.res.in	On or before 1700 hrs on 09.11.2016
03	Project Assistant, Code No.3/3	prism_03@imsc.res.in	

Note:
 i. Mails sent on or after the above time & date will not be considered under any circumstances.
 ii. Indicating subject in the email as explained under General information and Code No. of the Project Position is very important.
 iii. Time of report for Written test for all the three positions of Project Assistant @ 0930 hrs on 14.11.2016 [Monday]

Venue: **Written Test** **Interview**
1400 hrs @
Chandrasekhar Hall, Lounge, 3rd Floor
Main Building New Building – [only for those who clear the written test, if conducted]

<u>IMPORTANT:</u>

1. No separate call letter/ confirmation requesting the candidates to attend for Written test (or) Interview will be sent by this Institute in response to those mails through which the candidates have expressed their interest and submitted resume.

2. The candidates submitting e-mails for the above position are requested to note the day and date of written test followed by interview shown above as no other communication or call letter will be issued by us.

3. The candidates should on their own attend for written test as per the time & date mentioned at Note (iii) under Table II and bring along with them one copy of e-mail sent by them with photo pasted on it (with clear header showing time and date of email) & Resume already sent by them at the time of reporting for written test. The candidates carrying the copies of e-mails without header or copy of e-mail sent **after 1700 hrs on 09.11.2016 will not be allowed** to appear for written test or interview under any circumstances.

4. All those candidates who have applied for the positions are requested to **report sharp at 0930 hrs at the Venue mentioned at Note (ii) under Table-II on 14.11.2016** for selection. The candidates also should bring along with them all original certificates and one set of copies of all certificates as to proof of age, educational qualification, and experience etc.

5. The duration of the written test, if necessary, will be tentatively for about one and half hour from 1000 hrs to 1130 hrs.

6. The list of successful candidates of the written test will be displayed on the notice board at about 1300 hrs or earlier at the Reception, Ground Floor, Main Building on the same day. Only those candidates who clear the written test are required to appear for Interview which commences at about 1400 hrs at lounge, 3rd floor, New Building on the same day.

7. Hard copies of applications/ resume received by hand/ post/ courier will not be considered.

8. E-mail received by us without attaching resume will not be considered.

9. In case a candidate is interested to apply for more than one Project Position, he / she should send separate e-mail with resume for each position with suitable subject and common e-mail for more than one post will not be considered under any circumstances, However, candidates are advised to choose right Project Position as there may be a clash on the date & time of written test for which this Institute will not take any responsibility.

<u>General Conditions:</u>

1. The prescribed qualifications are minimum and mere possession of the same does not entitle the candidate to be considered for the advertised position. The decision of the Director of this Institute in all matters will be final and no enquiry or correspondence will be entertained in this matter.

2. Only outstation candidates belonging to SC/ ST appearing for the written test and selected for interview only will be reimbursed to and fro second class railway fare/ bus fare or actual fare incurred which ever is less by the shortest route form the station of residence/ work place to Chennai on production of tickets.

3. Please visit "careers page" of our website www.imsc.res.in for full details of advertisement and visit "Getting here" page to know location information of our Institute.

REGISTRAR