



गणितीय विज्ञान संस्थान
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.



विज्ञापन संख्या / Advt No.13-R/IMSc/2023

Dated: 26.6.2023

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 the following Project positions under the Apex Project of the Institute on consolidated salary from the eligible candidates who fulfill requisite qualifications/ specifications mentioned therein. The position indicated under the project, are proposed to be filled purely on contract basis only initially for a period of one (01) year / six months from the date of appointment but extendable subject to performance & subject to approval of the competent authority and there is no scope of continuation / regularization / absorption under any circumstances.

A] PROJECT POSITION:

Sl. No	Title of the Sub Project	Name of the Project Position	Number of positions	Selection Method	Minimum Educational Qualifications & Experience	Consolidated Salary (all inclusive & no other allowances are allowed) p.m	Mail Id to which CV and a statement of research interest to be sent	Last date for submission of applications for each position through E-mail shown under col. (7)	Date of written test / interview
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Study of Radio Pulsars to Probe Fundamental Physics	Project Assistant	01	Shortlisted candidates will be interviewed online (via zoom). Interview date, time and zoom link will be emailed to the shortlisted candidate.	Essential Qualifications: 1) M.Sc./ M.E/M.Tech / M.S. degree in Physics, Physical Sciences, or Engineering Subjects (with some physics course in the curriculum). (Final-year students are eligible to apply. However, they need to provide their final degree certificate (provisional is fine) during the time of joining 2) Strong programming skills and proficiency in Linux operating system are mandatory.	Rs.39,000/- pm. (all inclusive)	neutron_star@imsc.res.in	5.7.2023	Date of interview will be announced later.

2	Geometric Methods for Deep learning and Topological Characterization Of Complex networks	Project Assistant (House keeping & Catering)	01	Written test followed by interview only short listed candidates on the same day. (OR) Direct interview in case no. of candidates appeared for written test is five or less.	Essential Qualifications : Three year BSc Degree (after HSC) in Hotel & Catering Management from a reputed College/ Institution / University approved by the Government with minimum of 50% marks. (OR) M.Sc with 50% marks with relevant experience. Essential Experience : Minimum of five (5) years of post qualification experience in the field of House Keeping management in reputed Institute / Hotel with familiarity in Computers, Customer care, cleaning of various surfaces with good communication skills. Desirable skills & Responsibilities : Upkeep of buildings of the Institute, wash rooms, common places, High standards of customer care and performance, Maintaining the Registers, supervising duties of House Keeping cleaners, allotment of office rooms, Guest house rooms & hostel rooms, etc.	Rs. 31,000/- for those with five or more years of experience after B.Sc Rs. 39,000/- for those with two or more years of experience after M.Sc	pahktwo@imsc.res.in	5.7.2023	Date of interview will be announced later.
3	Computational Systems Toxicology: Application of network biology towards health risk assessment of environmental chemicals	Project Assistant	01	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have: (1) Masters degree in Life Sciences or Bioinformatics or Computational Biology from a reputed university or institute, (2) Qualified a national level examination CSIR JRF/NET or GATE, and (3) Research work relevant to the project. Knowledge of manual curation of biological datasets, toxicology and/or network science is desirable. The selected candidate will work with the project investigator Prof. Areejit Samal.	Rs. 39000/- (all inclusive)	tox1@imsc.res.in	5.7.2023 Shortlisted candidates will be intimated by 10.7.2023	24.07.2023
4	Computational Systems Toxicology: Application of network biology towards health risk assessment of environmental chemicals	Project Assistant	01	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have: (1) B.Tech. degree or Masters degree in Life Sciences or Computational Biology from a reputed university or institute, (2) Research work in Life Sciences. Knowledge of manual curation of biological datasets, toxicology and/or network science is desirable. The selected candidate will work with the project investigator Prof. Areejit Samal.	Rs. 26500/- (all inclusive)	tox1@imsc.res.in	5.7.2023 Shortlisted candidates will be intimated by 10.7.2023	24.07.2023
5	Management of IMSc IT Infrastructure : Computing Media, Web (for a period of 06 months)	Project Assistant	01	Shortlisting of candidates followed by Interview	Essential Qualification: Any Graduate Degree from a reputed College / Institution / University with minimum of 60% marks aggregate of all years / semesters with efficient knowledge of using Computers, Scanners.	Rs. 26,500/- (all inclusive)	hbnidocs@imsc.res.in	5.7.2023	Date of interview will be announced later.

					Desirable Qualification: Experience of similar digitization, archiving & metadata creation of records at academic / research institutions.				
6	IMSc Centre for Disease Modeling	Research Associate	01	The applicants will be shortlisted initially based on the requirements of the project. The shortlisted candidates will be interviewed online. Date of interview will be announced later.	Essential Qualification: The candidate should have a Ph.D. degree or submitted their doctoral thesis in Physics, and have at least 2 publications in indexed international journals. Essential skills: The candidate should have a very good command of statistical physics. Desirable skills: Expertise in C and Python programming languages will be a significant plus.	Rs. 59,500/- (all inclusive) for those with Ph.D Degree (or) Rs. 54,500/- (all inclusive) for those who have submitted their thesis.	schoubey1521@gmail.com	5.7.2023	Date of interview will be announced later.
7	High Energy Physics Phenomenology	Project Assistant	01	Shortlisting of candidates followed by Interview	Essential Qualification: M.Sc in Physics or equivalent. Programing Languages: Fortran, C,C++, Python, Java, Bash Script, Root (CERN), Mathematica, Maple, Matlab, experience with unix (linux) based platforms.	Rs. 39000/- (all inclusive)	shri@imsc.res.in	5.7.2023	Date of interview will be announced later.

B| AGE LIMIT : The Candidates should be less than 40 years of age as on the last date of receipt of applications.

C| GENERAL INFORMATION :

Interested candidates are requested to send a brief e-mail by attaching therewith their latest resume to **unique e-mail id** as mentioned at **Col (8)** against the Project positions in the above table **on or before 1700 hrs on the date mentioned at Col (9)** against the Project position mentioning the position details in the **subject** of the e-mail as **“Application for the Project Position (Name of the Project Position in Capital Letters) of Advt. No.13-R/IMSc/2023 dtd 26.6.2023 ”**

Note :

1. Mails sent after the above time & date will not be considered under any circumstances.
2. Indicating subject in the e-mail as explained above under General Information of the Project Position is very important.
3. Depending on the number of candidates who respond to this advertisement, the Institute will decide whether to conduct a brief objective type written test of about one and half hours or to go with direct interview.
4. Only those candidates who are meeting the minimum educational qualifications & experience mentioned in the advertisement will be eligible to appear for Written test / interview. Hence screened list of candidates will be displayed by us after verifying their candidature on the “**Opportunities page**” of the Institute’s website [www.imsc.res.in]. Therefore, short listed candidates whose names are displayed by us on Opportunities page only need to come and appear for Written Test / Interview as per the Project position wise date fixed by us for Project position in the above Table.
5. The candidates who have applied for the Project positions against this advertisement and whose names are shortlisted for written test/ interview and displayed by us on the opportunities page of IMSc website will only be allowed to appear for Written Test / Interview and they should bring one copy

of valid proof of ID card with original (like AADHAR/Driving License/ Passport / VoterID).

6. Except displaying the shortlisted candidates on our website, no separate call letter / confirmation requesting the candidates to attend for Written Test (or) Interview will be sent by this Institute to those candidates who have submitted their applications in response to this advertisement.
7. The candidates who have applied for the Project positions against this advertisement and whose names are displayed in the screened list should bring one copy of e-mail sent by them with photo pasted on it with clear header showing time and date of e-mail & Resume already sent by them at the time of reporting for Written Test/Interview. The candidates without e-mail or carrying the copies of e-mails without header or copy of e-mail sent after the last time and date (as indicated under column (9)) will not be allowed to appear for Written Test or Interview under any circumstances.

IMPORTANT:

1. The candidates submitting e-mails for the above positions are requested to note the day and date of interview shown at **column (10) of the above table and visit the IMSc web-site periodically for any updates.**
2. The candidates should on their own attend interview on the date mentioned, where necessary.
3. All those candidates who have been short listed for the Project positions are requested to **report sharp at the designated time on the dates of written test / interview as indicated against each Project positions at column (10) at IMSc and sign the attendance statement without fail.** 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.
4. The list of successful candidates of the written test wherever conducted will be displayed on the notice board on the same day for which venue location will be announced at the time of written test. Only those candidates who clear the written test are required to appear for Interview, time for which will be announced at the written test venue. Wherever only interview is prescribed the candidates will be intimated about the mode of interview.
5. Hard copies of applications/ resume received by hand/ post/ courier will not be considered under any circumstances.
6. E-mail received by us without attaching resume will not be considered under any circumstances.

General Conditions:

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 from the station of residence/ work place to Chennai & back on production of tickets.
3. Please visit “Opportunities Page” of our website www.imsc.res.in for full details of advertisement, screened list of candidates and visit “Getting here” page to know location information of our Institute.


REGISTRAR 26.6.2023