



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.20-R/IMSc/2024

Dated: 8.5.2024

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.

TABLE – I : PROJECT POSITIONS

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 upto 25.11.2024 from the date of appointment

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	Computational Biology at IMSc	Project Assistant	02	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have: (1) Masters degree in Computational Biology or Bioinformatics or Life Sciences from a reputed university or institute, (2) Qualified a national level examination CSIR JRF/NET or GATE or have research publications, and (3) Research work relevant to the project. Knowledge of either network science, data science, chemical spaces, or manual curation of biological datasets is desirable.	Rs. 46500/-	pacb@imsc.res.in	24.5.2024 Shortlisted candidates will be intimated within 3 days	Date of interview will be announced later.

2	Computational Biology at IMSc	<i>Project Assistant</i>	01	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have: (1) Masters degree in science or engineering from a reputed university or institute, (2) Qualified a national level examination CSIR JRF/NET or GATE or have research publication, and (3) Research work relevant to the project is desirable.	Rs. 46500/-	schoubey1521@gmail.com	24.5.2024 <i>Shortlisted candidates will be intimated within 3 days</i>	<i>Date of interview will be announced later.</i>
3	Computational Systems Toxicology: Application of Network Biology towards health risk assessment of environmental chemicals	<i>Research Associate</i>	01	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have Ph.D. degree in Computational Biology or Bioinformatics or Life Sciences from a reputed university or institute. Knowledge of either network science, data science, chemical spaces, or manual curation of biological datasets is desirable.	Rs. 73500/-	tox1@imsc.res.in	24.05.2024 <i>Shortlisted candidates will be intimated within 3 days</i>	<i>Date of interview will be announced later</i>
4	Compilation, curation and exploration of the Phytochemicals space of Indian medicinal plants	<i>Project Assistant</i>	01	Shortlisting of candidates followed by Online Interview	Essential Qualification: Candidate should have B.Tech. or higher degree in Computational Biology or Bioinformatics or Biotechnology or Life Sciences from a reputed university or institute, and in addition, research experience in the area of computational biology. Knowledge of either network science, data science, chemical spaces, or manual curation of biological datasets is desirable.	Rs. 46,500/-	phyt1@imsc.res.in	24.5.2024 <i>Shortlisted candidates will be intimated within 3 days</i>	<i>Date of interview will be announced later.</i>
5	Geometric Methods for Deep learning and Topological Characterization of Complex networks	<i>Project Assistant</i>	01	Written test followed by interview only short listed candidates on the same day. (or) Direct interview in case no. of candidates appeared for	Essential Qualification : 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.	Rs. 31,500/- for those with five or more years of experience after B.Sc ----- Rs. 53,000/- for those with two or	pahktwo@imsc.res.in	24.5.2024	<i>Will be informed later.</i>

				written test is five or less.	<p>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.</p> <p>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.</p>	more years of experience after M.Sc			
6	<p>Centre for Science Communication and Outreach at IMSc.</p> <p>(The above post is temporary for three months and can be extended up to November 25, 2024 based on the requirement and performance of the candidate.)</p>	Project Assistant: Webpage developer	01	Apply with cover letter and recent CV. Candidates will be shortlisted for in person interview including technical test.	<p>Essential Qualifications :</p> <p>1. Bachelor Degree in Science (Physics / Mathematics / Computer Science / IT) OR Computer Applications</p> <hr/> <p>2. Master Degree in Science (Physics / Mathematics / Computer Science / IT) OR Computer Applications OR Engineering (Computer Science / ECE/ EEE / IT) a reputed College / Institution with a minimum of 60% marks in aggregate of all years / semesters.</p> <p>3. Proficiency in Web Design, Web Application Development using PHP, AJAX, JQuery, JS, Postgre sql, Mysql.</p> <p>Desirable Qualification & Experience:</p> <p>1. 2 years or more working experience in development of web applications and UX / UI development after acquiring the essential educational qualification.</p> <p>2. Experience or interest in Science communication</p> <p>Job Description:</p> <p>1. Webpage design, development and support</p> <p>2. Organisation of information (photos, links,</p>	<p>Rs. 31,500/-</p> <hr/> <p>Rs. 53,000/-</p>	outreachjobs@imsc.res.in	24.5.2024	Will be informed later

					details) of various different initiatives 3. Any other work assigned by the supervisor.				
7	Centre for Science Communication and Outreach at IMSc. (The above post is temporary for three months and can be extended up to November 25, 2024 based on the requirement and performance of the candidate.)	Project Associate: Science Communication	01	Apply with cover letter, recent CV and work samples. Candidates will be shortlisted for online interview.	<p>Essential Qualification & Experience:</p> <ol style="list-style-type: none"> 1. PhD in Science, Mathematics or a related field from a recognized University/Institute. 2. At least 2 years' experience in scientific research post Ph.D. <p>Desirable Qualification & Experience:</p> <ol style="list-style-type: none"> 1. Training in Science Journalism or Science Communication 2. Published science journalism / communication articles. 3. An interest in local practices, cultures, and diversity in the country. 4. Candidates with prior experience of working with Academic institutional publication would be given preference. <p>Job Description:</p> <ol style="list-style-type: none"> 1. Writing about scientific research at IMSc through interviews with IMSc members, reading recently published articles etc. 2. Helping with editing / collating quarterly / annual report material. 3. Writing for the general public about exciting novel scientific work currently under study in India and abroad 4. Help organise public lectures related to science and other institutional outreach initiatives, and write about them. 	Rs. 85,000/-	outreachjobs@imsc.res.in	24.5.2024	Will be informed 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 2400 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. 20-R/IMSc/2024 dtd 8.5.2024”**

Note [A] :

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 already 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 original 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.

II) PROJECT STAFF:

TABLE-II

Sl. No	Title of the Project	Name of the Project position	No. of position	Selection method	Minimum Educational Qualifications & Experience	Consolidated Salary p.m (all inclusive & no other allowances are allowed)	Unique email id to which soft copy of the application to be sent (Only through email & no hard copies of applications are considered)	Last date for submission of applications for each position through email to unique email id shown under col. (7)	Date of interview
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1	Vigyan Pratibha Project (The above post is temporary for one year and can be extended up to one or two more years based on the requirement and performance of the candidate.)	Project Scientific Officer B	01	Apply with cover letter and CV. Candidates will be shortlisted for online interview.	Essential Qualification & Experience: 1. M.Sc in Science / Mathematics / Science Education or a related field from a recognized University/Institute. 2. 3 (three) years' experience in the field of educational material development, translation, teaching and education research post M.Sc. Desirable Qualification & Experience: 1. The candidate should be proficient in writing in English and Tamil with experience in translation of educational material between English and Tamil. 2. Good communication skills and an interest in local practices, cultures, and diversity in the country. 3. Willingness to undertake extensive fieldwork and travel to schools in different locations in Tamil Nadu and nearby states. 4. Candidates with prior experience in leading material development, teacher education, and field teaching projects in an educational setup will be given preference. 5. The candidate should be familiar with word processing and data analysis software. Basic content competency in science and mathematics is also expected.	Rs. 77,000/- p.m. (consolidated)	vpjobs@imsc.res.in	24.5.2024	Will be informed later

					<p>Job Description:</p> <ol style="list-style-type: none"> 1. Developing novel learning units for science and mathematics and field testing them in different schools 2. Organising teacher professional development workshops and working with in-service teachers on a regular basis. 3. The work requires strong academic competence, the ability to interact with teachers and students in different schools (urban, rural, and tribal), and sensitivity toward the learning needs of students from diverse backgrounds in the country. 4. Any other work assigned by the supervisor. 				
2	<p>Vigyan Pratibha Project</p> <p>(The above post is temporary for one year and can be extended up to one or two more years based on the requirement and performance of the candidate.)</p>	<i>Clerk A</i>	<i>01</i>	<p>Apply with cover letter and CV. Candidates will be shortlisted for online interview.</p>	<p>Essential Qualification & Experience:</p> <ol style="list-style-type: none"> 1. Full time Graduate with aggregate of 50% marks or equivalent CGPA of any recognized University/ Institute. 2. The candidate should be familiar with the use of personal computers and its applications. Eg: word processing software, email etc. <p>Desirable Qualification & Experience:</p> <ol style="list-style-type: none"> 1. An interest in science and science communication. 2. Experience in using Desktop Publishing Softwares like Photoshop / Canva / Gimp Illustrator / Inkscape / InDesign / Scribus etc. 3. 1-2 years experience in clerical work in Accounts in large and reputed organization. <p>Job Description:</p> <ol style="list-style-type: none"> 1. Administrative and accounting support for project events and activities such as event budgets, accommodation arrangements, travel reimbursements, honorarium payments for project events etc. 2. Assisting with designing and preparing materials for events such as workshops and other IMSc initiatives 3. Contributing to the writing of project reports and follow up with teachers about implementation of project activities in schools around Tamil Nadu. 4. Any other work assigned by the supervisor. 	Rs. 37,700/- p.m. (consolidated)	<i>vpjobs@imsc.res.in</i>	<i>24.5.2024</i>	<i>Will be informed later</i>

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 Project positions in the above table on or before 1700 hrs on the date mentioned at Col (9) against each project positions 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. 20-R/IMSc/2024 dtd 8.5.2024**”

The above positions are purely temporary for one year in the first instance and extendable depending on the duration of the individual project, availability of fund in the project, satisfactory performance/ conduct of the project staff.

Note (B) :

- 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 Positions are very important.
- 3 Only those candidates who are meeting the minimum educational qualifications & experience mentioned in the advertisement will be eligible to appear for **online 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] as indicated in Col. (9). Therefore, shortlisted candidates whose names are displayed by us on Opportunities page only need to appear for **online Interview** as shown in Col. (10) in the above Table.
- 4 The candidates who have applied for the Project positions against this advertisement and whose names are shortlisted for **online interview** and displayed by us on the opportunities page of IMSc website will only be allowed to appear for **online Interview**.

IMPORTANT :

- The candidates submitting emails for the above positions are requested to note the dates indicated in Col. (9) above and visit the IMSc website periodically for any updates.
- Emails received by us without attaching resume will not be considered under any circumstances.
- Hard copies of applications / resume received by hand / post / courier **will not be considered** under any circumstances.

GENERAL CONDITIONS :

The prescribed qualifications are minimum and mere possession of the same does not entitle the candidate to be considered for the advertised positions. 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.

TABLE -III - ADMINISTRATIVE TRAINEES:

Sl. No	Name of the traineeship	Educational and other Qualifications	No. of positions	Age limit	Selection procedure	Who should appear for written test, on which date & at which venue	Stipend during the Training period	Training areas after selection	Unique email ID	Last date for submission of applications
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]
1.	Administrative Trainee	Essential : - Any bachelor degree with First Class & with good English knowledge. - Should have passed	04	Minimum 18 years and maximum 25 years as on last date of	The Selection will be made on merit basis through a written test, typing test on Computer followed by interview, all of which will be	Only those candidates whose names are shortlisted & displayed by us on IMSc website under	Rs.20,000/- per month (Consolidated and all	To provide the basic input of confidence in the minds of fresh qualified youth and tune him / her to the practicalities of the Office clerical	admtrainee@imsc.res.in	24.5.2024

	<p><u>out during 2022 & 2023 only.</u></p> <p>- The candidate should possess good working knowledge in MS-Office tools & email operations & Accounting procedure.</p>		receipt of application	conducted on the same day. Only those candidates who qualify in written test and typing test (held in the forenoon) will be called for interview (proposed for Afternoon) on the same day.	<p>Opportunities page > Other Positions are to appear for written test, the date of which will also be announced along with the above list.</p>	inclusive)	working environment (purely clerical nature of training). To undergo clerical training in various wings of IMSc office and other clerical assistance to IMSc Office staff on five day week basis.		
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The period of training will be purely for **ONE YEAR** from the date of admission with no guarantee of regular employment (or) absorption (or) continuation (or) confirmation under any circumstances.

Note [C] : Selection procedure :

Call letters through email will be sent to the candidates who are shortlisted for written test, typing test. The names of the shortlisted candidates will also be displayed on opportunities page of our website www.imsc.res.in under Opportunities page > Other positions along with actual date of written test & typing test which will be followed by interview for those who successfully get qualified in written test & typing test.

Candidates meeting the above criteria are requested to send a brief e-mail by attaching therewith their latest resume to unique e-mail id as mentioned at Col. (10) against the trainee position in the above table **on or before 2400 hrs on the date mentioned at Col. (11)** along with scanned copies of relevant certificates for proof of date of birth, educational & computer qualifications, experience, if any, etc, mentioning the trainee position in the subject of the e-mail as **“Application for Administrative Trainee” of Advt No.20-R/IMSc/2024 Dtd 8.5.2024**

General Conditions :

- Mails sent after the above time & date will not be considered under any circumstances.
- Indicating subject in the e-mail as explained above under General Information of the Trainee position is very important.
- The candidates submitting emails for the above positions are requested to note the date mentioned in Col. (7) above and visit the IMSc website periodically for any updates.
- Emails received by us without attaching resume will not be considered under any circumstances.
- Hard copies of applications / resume received by hand / post / courier **will not be considered** under any circumstances.
- The prescribed qualifications are minimum and mere possession of the same does not entitle the candidate to be considered for the advertised traineeship for shortlisting. 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.
- Admission against this advertisement selection process will be purely as per terms and conditions mentioned therein and will terminate automatically without any notice or compensation on termination.
- The admitted candidate shall have no claim of appointment / absorption in IMSc, Chennai. No accommodation will be provided to the Selected

- Admn. trainees during their association with IMSc.
- 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 original tickets.
 - Selected candidates will have to join for training immediately on receipt of offer of admission.
 - No interim enquiries / correspondence / communications of any sort will be entertained on the matter.
 - Canvassing in any form and / or bringing any influence, political or otherwise will be treated as a disqualification for the traineeship applied for.
 - **Please visit “Other positions” under “Opportunities Page” of our website www.imsc.res.in for full details of advertisement, shortlisted list of candidates to be displayed along with time and date of written test for each traineeship and visit “Getting here” page to know location information of our Institute.**


REGISTRAR