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| A description...

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| **भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली**(शिक्षा मंत्रालय भारत सरकार द्वारा स्थापित)सैक्टर-81,नाँलेज सिटी,पो. ओ. मनौली, एस. ए .एस. नगर, मोहाली,पंजाब -140306**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI**(Estd. By Ministry of Education, Govt. of India)Sector–81,Knowledge City,P.O.Manauli,S.A.S. Nagar,Mohali,Punjab-140 306Advt NO F(01)/Contract/2022 Date 10/01/2023 |

**On web site** **Contractual appointment**IISER Mohali invites online applications for eleven Lecturer posts (inclusive of position against one faculty leave vacancy) {UR-7, SC-1, OBC-2, EWS-1, PWBD-1\*} on contract and from Indian Nationals in areas of Chemistry/Biology/Humanities and Social Sciences Data Science/Earth & Environmental Sciences/Science Education. We are looking for extremely motivated individualswith a Ph.D. and an interest and flair for teaching (especially at the undergraduate level): -

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| **Sl No**  | **Subject Area** | **Qualification and Experience**  |
| 1. | **English literature**  | **Essential Qualification: -**Ph.D. with First class or equivalent grade in M.A. (English Literature) with very good academic record. **Desirable   Qualification & Experience: -** In addition to fulfilling the minimum essential qualification, it is desirable to have experience in teaching English communication skills as tutors / instructors during or post Ph.D. years. Candidates should have demonstrated research capabilities in terms of publications in reputed journals and conferences.   |
| 2. | **History and Philosophy of Science: -** | **Essential Qualification: -**Ph.D. with First class or equivalent grade in M.A. in History or Philosophy with a specialization in History and Philosophy of Science and a very good academic record. **Desirable Qualification & Experience:** In addition to fulfilling the minimum essential qualification, it is desirable to have experience in teaching History and Philosophy of Science as tutors / instructors during or post Ph.D. years. Candidates should have demonstrated research capabilities in terms of publications in reputed journals and conferences.  |
| 3. | **Chemistry (Physical/Organic/Inorganic/Analytical etc.** | **Essential Qualification: -** PhD with a first class in the preceding degree with a very good academic record. **Desirable Qualification & Experience: -** The person should have some teaching experience at undergraduate level. However, the teaching experience gained from coaching institutes or schools will not be considered. |
| 4. | **Data Science** (Computer science /software engineering) | **Essential Qualification: -** PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable   Qualification & Experience: -** Mandatory hands-on teaching experience in Artificial intelligence, Machine learning, Deep learning, Natural language processing, matrix algebra, Graphs, Database management systems, Big data platforms (Hadoop/Hive/Pig/SPARK), Python, and R |
| 5. | Organic Geochemist/Sedimentologist | **Essential Qualification: -** PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable Qualification & Experience:**(i) Experience in mentoring/guiding students for MS dissertationsii) Scientific track record supported with peer-reviewed publications(iii) Post-doctoral research or teaching experience.(iv) Specialization in the field of Geochemistry and Sedimentology |
| **6.** | Hydroclimatology/Computational geosciences | **Essential Qualification: -** PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable Qualification & Experience:**(i) Experience in mentoring/guiding students for MS dissertations(ii) Scientific track record supported with peer-reviewed publications(iii) Post-doctoral research or teaching experience.(iv) Specialization in hydro-climatology, water resources research, environmental modelling, computational/mathematical geosciences, or a related field |
| **7.** | Environmental Sciences with specialization in Ecotoxicology/Environmental impact risk assessment. | **Essential Qualification: -** PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable   Qualification & Experience:**i) Experience in mentoring/guiding students for MS dissertations(ii) Scientific track record supported with peer-reviewed publications.(iii) Post-doctoral research or teaching experience.iv) Specialization in Ecotoxicology, Environmental impact and risk assessment, or a related field |
| 8. | Ecology/Evolution/Behaviour and related areas | **Essential Qualification: -**PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable   Qualification & Experience: -** (i) Publication(s) in reputed peer-reviewed journals.(ii) Teaching experience (at undergraduate to doctoral level) as a tutor/instructor.(iii) Postdoctoral experience in biology or a related field focusing preferably on Ecology/Evolution/Behaviour from any recognized academic institution. |
| 9 | Bioinformatics | **Essential Qualification: -** PhD in relevant areas with a first class in the preceding degree with a very good academic record. **Desirable Qualification & Experience** (i) Publication(s) in reputed peer-reviewed journals.(ii) A good experience in computer programming.(iii) Strongly motivated to take up a teaching position and have teaching experience preferably to undergraduate students.An engineer applicant should have good knowledge to teach basic biology.(iv)Experience in handling large-scale genomics data such as RNAseq/NGS etc(v) Postdoctoral experience in the area of Bioinformatics/Computational Biology/Biomedical Informatics or related subject area from any recognized academic institution. |
| 10 | Science Education  | **Essential Qualifications: -**PhD in relevant areas with a first class in the preceding degree with a very good academic record.**Desirable Qualification & Experience: -**(i) Experience in teaching at university/institutions similar to IISER Mohali/organisations involved in Science Education.(ii) with at least three years of experience in teaching courses on pedagogy/curriculum/science communication/education at the undergraduate/ |

**General Terms & Conditions:**1. The above positions are purely temporary on contract basis initially for one year or recruitment of regular faculty against these positions whichever is earlier.
2. The pay structure of these positions shall be as per Govt. of India norms for contractual appointments at Academic Pay Level 10. Depending upon their post qualification experience selected candidates may be placed in the higher scale of Academic Pay Level 11.
3. These positions are NOT part of the faculty cadre structure of the Institute. The persons appointed shall have no claim for provision by the institute of facilities or funds for research or for supervision of Ph.D. students.
4. Engagement of persons selected against this advertisement will be initially for a period of 01 year, which may be extended (for a maximum of one more year) or curtailed depending on the requirement of the Institute or performance of the incumbent, as the case may be. The contractual appointment will be on full time basis.
5. The selected person shall be eligible for 8 days leave in a calendar year on pro-rata basis. No remuneration for the period of absence in excess of the admissible leave will be paid to the selected person. Un-availed leave shall neither be carried forwarded to next year nor encashed.
6. Institute Authority would be free to terminate the services in case of absence of a person by more than 15 days beyond the entitled leave in a calendar year.
7. No TA/DA shall be admissible for joining the appointment on contractual basis.
8. The contractual appointment of persons is of a temporary nature and appointment can be terminated at any time by the Institute Authority without assigning any reason. However, the selected person will have to give 15 days’ advance notice or remuneration in lieu thereof before resigning from the engagement.
9. The selected person will not be entitled for any benefit/compensation/absorption/regularization of service in this Institute.
10. The reservation for candidates belongs to SC/OBC/EWS/ PwBD category/ies shall be as per Government of India instructions for which applicants must upload/attach the requisite necessary certificates at the time of application for consideration.
11. The OBC-NCL and EWS certificate should be issued during the current financial year.
12. PwBD candidates, who suffer from not less than 40% of relevant disability, should possess disability certificate issued by the Medical Board duly constituted by Central or State Government issued on or before last date of submission of application
13. Reservations for those belongs to SC/OBC-NCL/EWS/ PwBD category will be as per Govt. of India norms. Candidates belongs to reserved category SC/OBC-NCL/EWS/PwBD should submit the valid certificate (kindly refer the provided Proforma/s below) issued by the appropriate authorities applicable for jobs under Government of India. In the absence of such certificate the candidate will be treated under Unreserved Category.
14. The candidates are required to submit the caste/category/disability certificate issued by the Competent authority in the format prescribed by the Government of India for this purpose
15. The Appointing Authority has the right to accept/reject any application without assigning any reason(s) and no correspondence in the matter will be entertained.
16. This position is temporary. The incumbents selected will have no claim for regular appointment at IISER Mohali.
17. Number of positions in any of the above areas may vary depending upon the requirements.
18. Please note that only Online Applications will be entertained. Applications through email will not be considered.
19. Incumbent does not leave the Institute in-between the semester when they are teaching theory/laboratory courses.
20. **The last date for submission of online applications is 31st January 2023 by 5:00 pm.**
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