

MP COUNCIL OF SCIENCE & TECHNOLOGY

Vigyan Bhawan, Science Hills, Nehru Nagar, Bhopal – 462003

Phone: 0755-2433151, 2671634

Advertisement No. 04/MPCST/ASD/2022

The MP Council of Science & Technology, Bhopal is working for Department of Agriculture, Government of Madhya Pradesh recently launched project called AGRI GIS and for SAC, ISRO sponsored Forest Phenology under IGBP and Rain fall Validation projects.

In this connection, MP COUNCIL OF SCIENCE & TECHNOLOGY (MPCST), Bhopal, invites online applications from young dynamic interested eligible candidates for empanelment of candidates to work in various projects and positions as Sr. Analyst, Jr. Analyst, Project Fellow, System Manager and Research Associate (RA) at MPCST, Bhopal. This empanelment is purely on temporary basis/ project mode/ contract basis, initially for a period of 31.03.2023, can be extended maximum up to concern project period, based on performance of the candidates.

The interested eligible candidates may apply online at link:202.21.38.63/SubmitForm.aspx. The last date for submission of online application is 12th August 2022, till 20:00 hrs incomplete applications and applications received after 12th August 2022 due to any reason will not be considered. The intimation of interview schedule of eligible candidates for each position will be communicated to the shortlisted candidates through MPCST website: link “Job Opportunities” at www.mpcost.gov.in. Applicants should check it regularly.

The Director General, MPCST reserves rights for postponement of last date for submission of applications, amendment or cancellation or withdrawal of the advertisement.

The further details regarding requisite educational qualification, experience, remuneration for each position and general instructions are given at page number 2 and 3 in this document.

Director General
MP Council of Science & Technology, Bhopal

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Details of the Qualification and experience Required for Project

| S N | Post Details | No of Post | Project Name | Remuneration / fellowship | Qualification | Experience | Job Responsibilities |
|-----|-------------------------|------------|-----------------------------|---------------------------|---|---|--|
| 1 | Sr. Analyst (Thematic) | 02 | AGRI GIS | Rs. 50,000/- per month | M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geoinformatics /Spatial InformationTechnology/ Geology in 1 st Division. OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in 1 st Division | Minimum 5 yrs of experience in high resolution satellite datahandling, image analysis, expert in digital image processingand GIS software. Knowledge of .gmd model writing. | <ul style="list-style-type: none"> • Digital Image processing of multi-date satellite data. • Study of spectral indices for crop health & yield estimation. • Model (.gmd) files writing for various processes. • Drought Assessment & generation of mid-season alert. • Crop damage assessment |
| 2 | Jr. Analyst (Thematic) | 12 | AGRI GIS | Rs. 35,000/- per month | M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geoinformatics /Spatial InformationTechnology/ Geology in 1 st Division. OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in 1 st Division | Minimum 3 yrs of experience in high resolution satellite datahandling, image analysis, GIS, working knowledge of digital image processing and GIS software. | <ul style="list-style-type: none"> • Image processing and GIS activities. • End to end activities pertaining to acreage, health & yield assessment. • Field data collection & compilation. • Generation of crop specific mastertemporal profiles. |
| 3 | Project Fellow | 08 | AGRI GIS | Rs. 25,000/- per month | M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geo-informatics /Spatial Information Technology/ Geology in 1 st Division OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in 1 st Division | Minimum 1 yr of working experience in remote sensing, image analysis, GIS and ground truth/ field data collection | <ul style="list-style-type: none"> • Assisting image analyst for remote sensing & GIS activities. • Extensive field work and GT data Collection and compilation. • Digitization and Geo-referencing of raster & vector data. |
| 4 | System Manager | 01 | AGRI GIS | Rs. 50,000/- per month | BE/ B. Tech. in CS/ IT OR MCA/MCM course with graduation in BCA / B. Sc. Computer with a first class degree from recognized university. | Minimum 3 yrs of experience as System management which includes system maintenance, maintains GIS and Remote sensing software programs. | <ul style="list-style-type: none"> • Programming in Java web technologies using Web services • Databases handling – Python and Machine learning programming. • Basic programming knowledge ofGIS environment creation of custom GIS applications and automation tools to meet specific needs. |
| 5 | Research Associate (RA) | 01 | Forest Phenology under IGBP | Rs. 30,000/- per month | M. Sc. Forestry/ Life Science/ Environment Science and Ecology or M.Sc./M. Sc. Tech. in Geo-informatics/ Remote Sensing with a first class degree from recognized university. | Minimum 5 years working experience in satellite data analysis, Image Processing and GIS software, field data collection etc. | <ul style="list-style-type: none"> • Image processing and GIS activities. • End to end activities pertaining to multi date image analysis. • Field data collection & compilation. |

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| 6 | Research Associate (RA) | 01 | Rainfall Validation | Rs. 30,000/- per month | M. Sc. Physics from recognized university with minimum 55% aggregate marks | Minimum five years working experience in the field of remote sensing | Familiarity with electronics, Instrument handling, data analysis, frequent field data collection with scientific instruments and other scientific work. |
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Guide lines:

1. The desirous candidates having requisite qualifications and fulfilling other eligibility conditions may apply online at MPCST website: www.mpcost.gov.in given at link “**Job Opportunities**” to apply online and take printout of the application form. Bring the duly filled application printout along with necessary documents at the time of interview for verification of requisite qualifications and eligibility criteria.
2. Candidates desiring to apply for the more than one position should apply separately and take a printout of the filled application for each position and bring along with passport size photograph and the necessary documents at the time of interview for verification of requisite qualifications and eligibility criteria.
3. Applications will be screened by the Committee of MCST based on the educational qualifications, experience at suitable level, professional achievements, aptitude, skills & personal qualities and strengths. The candidates should, therefore, mention all qualifications/ experience achievements etc.
4. Mere satisfying eligibility criteria do not entitle candidate to be called for the interview. MPCST reserves the right to call only suitable candidates after scrutiny with reference to candidate’s qualifications, experience, suitability, etc.
5. The candidates working in any organization must bring no objection certificate at the time of interview from the present employer, if any.
6. The attested true copies of certificates/degree of qualifications/ experience/ proof of date of birth/ caste/ domicile/ testimonials along with marks certificates of all examinations, a recent colour passport size photograph should be submitted at the time of interview.
7. No TA/DA will be paid to candidates attending the interview.
8. No further correspondence in this regard will be entertained.
9. Director General, MPCST has all rights to select or reject any candidate according to the Council’s requirement.
10. The remuneration/ fellowship will be offered initially up to 31st March 2023. Duration may be extended for further depending on the performance after review of work and continuity of the project.
11. The candidate’s appearing in the interview must follow the prevailing Covid 19 guide lines.

Cardinal Dates:

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| 1 | Advertisement in the newspaper | 27 th July 2022 |
| 2 | Last date for online submission of completed application form. | 12 th August 2022 up to 08:00 PM |
| 3 | Declaration of list of eligible short listed candidates for interview and Interview schedule (on the website). | 18 th August 2022 up to 05:00 PM |