

MP COUNCIL OF SCIENCE & TECHNOLOGY

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

Phone: 0755-2433151, 2671634

Advertisement No. 01/MPCST/ASD/2024

The MP COUNCIL OF SCIENCE & TECHNOLOGY (MPCST), Bhopal, invites young dynamic interested eligible candidates for Walk-in interview for empanelment of suitable candidates to work in AGRI-GIS project's different positions as Yield Analyst, Sr. Analyst, Jr. Analyst, Python Developer (AI/ML), Project Fellow, Project Assistant and System Manager at MPCST, Bhopal. This empanelment is purely on temporary basis/ project mode/ contract basis coterminous with the project, initially for a period of six months, can be extended maximum up to concern project period, based on performance of the candidates.

DETAILS

- I. APPLICATION PROCESS:** Advertisement and Application proforma are hosted through MPCST website: link "**Job Opportunities**" at www.mpcost.gov.in. The duly filled application form along with the originals and self - attested photocopies of all relevant certificates relating to age, qualifications and experience(s) with a self-attested coloured passport size photograph should be annexed to the hard copy of the application and the same shall be produced in original along with photocopy for verification at the time of interview.
- II. NO OBJECTION CERTIFICATE:** Persons working in the Govt./Semi-Govt. Organizations/ Corporations/ Autonomous Institutes etc. should bring their application along with "No Objection Certificate (NOC)" from their respective organization.
- III. ANNEXURES:** Attested photocopies of Degrees, Certificates, Mark sheets etc.
- IV.** The interested eligible candidates may appear in Walk-in interview as per the schedule given below:

S. No.	Job Reference	Date of Walk-in Interview	Reporting Time
1	Yield Analyst	27.02.24	09:00 to 10:00 am
2	Python Developer (AI/ML)	27.02.24	10:00 to 10:30 am
3	System Manager	27.02.24	10:30 to 11:00 am
4	Sr. Analyst	28.02.24	09:00 to 10:00 am
5	Jr. Analyst	28.02.24	10:00 to 11:00 am
6	Project Fellow	29.02.24	09:00 to 10:00 am
7	Project Assistant	29.02.24	10:00 to 11:00 am

* Interview may be spilled over to the next day depending upon the number of candidates to be present on the scheduled day of interview. Therefore, candidates should be prepared to be available for interview for next day also, if necessary.

The Director General, MPCST reserves rights for postponement of date of Walk-in interview, 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

Advertisement No. 01/MPCST/ASD/2024
Details of the Qualification and experience Required for Project

S N	Post Details	No of Post	Remuneration / fellowship	Qualification	Experience	Job Responsibilities
1	Yield Analyst	01	Rs. 70,000/- per month	M. Sc. /M. Sc. Tech/M. Tech. Remote Sensing & GIS / Geo-informatics / Spatial Information Technology in 1 st Division. OR M.Sc. in Agriculture Sciences: (Agronomy, Soil Science, Agriculture Physics) in 1 st Division.	Minimum 08 years of working experience in RS based Yield modeling (SPM/ML). Digital Image processing of multi-date satellite data. Experience in crop yield modeling using geo-spatial indices and weather indices.	Satellite based crop health & yield estimation. Satellite data quality assessment. Drought and Crop damage assessment. Coordination for data preparation for crop mapping and yield estimation. Preparation of final crop layers. Report writing.
2	Sr. Analyst (Thematic)	01	Rs. 50,000/- per month	M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geoinformatics /Spatial Information Technology/ Geology in Ist Division. OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in Ist Division	Minimum 5 yrs of experience in high resolution satellite data handling, image analysis, expert in digital image processing and GIS software. Knowledge of .gmd model writing.	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
3	Jr. Analyst (Thematic)	5	Rs. 35,000/- per month	M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geoinformatics /Spatial Information Technology/ Geology in Ist Division. OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in Ist Division	Minimum 3 yrs of experience in high resolution satellite data handling, image analysis, GIS, working knowledge of digital image processing and GIS software.	Image processing and GIS activities. End to end activities pertaining to acreage, health & yield assessment. Field data collection & compilation. Generation of crop specific master temporal profiles.
4	Project Fellow	04	Rs. 25,000/- per month	M.Sc. /M. Sc. Tech. in Remote Sensing & GIS / Geo-informatics /Spatial Information Technology/ Geology in Ist Division OR M.Sc. in Agriculture Sciences (Agronomy, Horticulture, Soil Science, Agril. Physics, Agrometeorology) in Ist Division	Minimum 1 yr of working experience in remote sensing, image analysis, GIS and ground truth/ field data collection	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.
5	Python Developer	01	Rs. 100,000/- per month	The Python Developer (AI/ML) having BE/ B. Tech. with a first class degree in CS/ IT OR MCA with a first class degree along with graduation in BCA / B. Sc. Computer degree from recognized university	Minimum 5 years of working experience in Database handling – Java, Python & Machine learning programming. Basic knowledge of RS & GIS environment. Experience in AI/ML crop yield model development using RF & NN techniques.	Programming in Java web technologies using Web services. Creation of custom applications and automation tools to meet specific needs (Crop area and yield estimation).

6	System Manager	01	Rs. 60,000/- 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.	Programming in Java web technologies using Web services Databases handling – Python and Machine learning programming. Basic programming knowledge of GIS environment creation of custom GIS applications and automation tools to meet specific needs.
7	Project Assistant	01	Rs. 25,000/- per month	BCA/ B. Sc. Computer with a first class degree	Minimum 01 year working experience in system management (system networking and installation). Knowledge of MS office, data management and C++, Java script will be preferable.	Programming in Java and C, C++ Basic programming for development of automation tools.

Guide lines:

1. The desirous candidates having requisite qualifications, experience and fulfilling other eligibility conditions may appear in the walk-in interview at MPCST. Bring the duly filled application form mentioned below in this document along with necessary documents.
2. Candidates desiring to appear in the more than one position should bring separate duly filled application along with passport size photograph and the necessary documents at the time of walk-in interview for verification of requisite qualifications and eligibility criteria.
3. Mere satisfying eligibility criteria do not entitle candidate to be appear in the interview. MPCST reserves the right to allow only suitable candidates after verifying the documents with reference to candidate's qualifications, experience, suitability, etc.
4. The candidates working in any organization must bring no objection certificate at the time of walk-in interview from the present employer, if any.
5. 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.
6. No TA/DA will be paid to candidates attending the interview.
7. No further correspondence in this regard will be entertained.
8. Director General, MPCST has all rights to select or reject any candidate according to the Council's requirement.
9. The remuneration/ fellowship will be offered initially for a period of six months. Duration may be extended for further depending on the performance after review of work and continuity of the project.
10. The candidate's appearing in the interview must follow the prevailing Covid 19 guide lines.