ICMR-National Institute of Pathology
Safdarjung Hospital Campus, Ansari Nagar West, New Delhi-110029

VACANCY NOTIFICATION FOR CONTRACTUAL POSTS

ADVT No. NIP/ICMR/UA/AIT/248   **DATED: 18/05/2023.**

Online Applications are invited in the prescribed proforma, **on or before 31ˢᵗ May 2023, 5:30 pm** for the following vacancies in the institutional project titled **"Artificial intelligence-based tool for detection of Breast & Oral cancer"** to be filled on purely temporary basis at ICMR-NIP for one-year, extendable up to two years or till the completion of project based on performance. All applications will be screened, and only shortlisted candidates will be invited for interview. Shortlisted candidates will be informed regarding details of interview later.

The details of the posts are as follows:

S.No. 1 **Consultant (AI Expert)**	
Post-Code	AIT/C/AI
Name of the Post	**Consultant (AI Expert)**
No. of Post(s)	One
Monthly Emoluments	Rs. 70,000/- per month (consolidated)
Link to apply	https://forms.gle/yTu4AmXG4ms2aPASA
Age Limit	Not exceeding 70 Years of age
Essential Qualification & Experience	Professionals having M.Sc./ MTech/ PhD. or a relevant postgraduate degree with experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and development experience and published papers. OR Professionals having B.Sc./ BTech or a relevant graduate degree with proven extensive experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and development experience and published papers OR

	Retired Government employees drawing pay in a minimum pay band Rs. 15600-39100 + Grade pay of 5400/-at the time of retirement and having adequate working experience in the required domain/field
Desirable	I. Proven experience in formulation of artificial intelligence tools and application for health II. Skills required: PHP, MySQL, HTML, CSS, R, Python, and cloud technology. III. Experience in medical image analysis IV. Ability to lead and work in a team
Job specification	**Consultant** appointed under this research scheme would be responsible for 1. Training, guiding, supervising and assisting AI engineers, data scientists and application developer for development of a deployable and serviceable algorithm and application based on digital images. 2. Development of minimal viable product from model development to model testing. 3. Creating user interface to display in-depth view of the models. 4. Testing and deploying of the models. 5. Implementation & application monitoring 6. Looking over the overall needs of the AI project

S.No. 2 **Consultant (Application Developer)**	
Post-Code	AIT/C/AD
Name of the Post	**Consultant (Application Developer)**
No. of Post(s)	One
Monthly Emoluments	Rs. 70,000/- per month (consolidated)
Link to apply	https://forms.gle/s1HFf9iReoxX75Rf6
Age Limit	Not exceeding 70 Years of age
Essential Qualification & Experience	Professionals having M.Sc./ MTech/ PhD. or a relevant postgraduate degree with experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and developmentexperience and published papers. OR Professionals having B.Sc./ BTech or a relevant graduate degree with proven extensive experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and developmentexperience and published papers. OR Retired Government employees drawing pay in a minimum pay band Rs. 15600-39100 + Grade pay of 5400/-at the time of retirement and having adequate working experience in the required domain/field.

Desirable	I. Able to effectively work in web application development and database designing. II. Experience of designing computer and mobile-based applications III. Experience in Data Management IV. Skills required: PHP, MySQL, HTML, CSS, R, Python, and cloud technology. V. Candidates must have good communication skills.
Job specification	**Consultant** appointed under this research scheme would be responsible for 1. Maintaining web portal, database, and be efficient in data management and analysis 2. Formulating design strategy to draw out a workable application design and coding parameters with the essential functionalities. 3. Developing working models to streamline the process. 4. Supervising and conducting the performance test and trials Deployment and installation of the applications to demonstrate the successful performance of software.

S.No. 3 **Scientist 'D' - Data scientist**	
Post-Code	AIT/Sc/DS
Name of the Post	**Scientist 'D' - Data scientist**
No. of Post(s)	One
Monthly Emoluments	Rs 60,960/per month (consolidated)
Link to apply	https://forms.gle/hmfRTnZMZujg4YZ7A
Age Limit	Not exceeding 45 Years of age
Essential Qualification & Experience	Professionals having M.Sc./ MTech/ Ph.D. or a relevant graduate/ post-graduate degree with experience inComputer science/ Data Science/ Data Analytics/ CSE/ IT/ ECE/ bioinformatics or related discipline with research and development experience and published papers OR Professionals having B.Sc./ BTech or a relevant graduate degree with proven extensive experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and developmentexperience and published papers
Desirable	I. Proven experience in Python/ R/ Prolog / MYSQL Programming Languages II. Proven experience in formulation of Artificial Intelligence tools and Applications III. Proven working knowledge of statistical software like SPSS etc.

Job specification	**Scientist D** appointed under this research scheme would be responsible for
	1. Preparing, cleaning, transform, and explore data before analysis. 2. Data mining to generate new information. 3. Making the choice and implementing an appropriate machine learning algorithm 4. Using statistical modelling and machine learning techniques to measure and improve the outcome of a model. 5. Tuning and optimize model hyperparameters. 6. Using analytical methods and machine learning models to identify trends, patterns, and correlations in datasets. 7. Collaborating with data analysts, AI engineers, and pathologists 8. Communicating the insights to pathologists and AI engineers

S.No. 4 **Scientist 'D' - Artificial Intelligence Expert**	
Post-Code	AIT/S/AI
Name of the Post	**Scientist 'D' - Artificial Intelligence Expert**
No. of Post(s)	One
Monthly Emoluments	Rs 60,960/per month (consolidated)
Link to apply	https://forms.gle/HiLgdM43LZewxR4b7
Age Limit	Not exceeding 45 Years of age
Essential Qualification & Experience	Professionals having M.Sc./ MTech/ Ph.D. or a relevant graduate/ post-graduate degree with experience inComputer science/ Data Science/ Data Analytics/ CSE/ IT/ ECE/ bioinformatics or related discipline with research and development experience and published papers OR Professionals having B.Sc./ BTech or a relevant graduate degree with proven extensive experience in Artificial Intelligence / Data Science/ CSE/ IT/ ECE/ Biomedical engineering or related discipline with research and developmentexperience and published papers.
Desirable	I. Proven experience in formulation of artificial Intelligence tools and application for health II. Experience in medical image analysis III. Ability to work in a team

Job specification	**Scientist D** appeared under this research scheme would be responsible for 1. Creating and deploying AI algorithms to function. 2. Developing Application programming interface to integrate data products and source into applications. 3. Using Docker technologies to create deployable versions of the model. 4. Building Infrastructure as Code – Ensure that the environments created during model development and training can be replicated with ease for the final AI-based solution. 5. Developing and maintaining architecture using leading AI frameworks. 6. Using tools like GIT and TFS for continuous integration and versioning control to track model iterations and other code updates. 7. Testing and deploying models

S.No. 5 **Project Officer**	
Post-Code	AIT/PO
Name of the Post	**Project Officer**
No. of Post(s)	One
Monthly Emoluments	Rs 32,000/ per month (consolidated)
Link to apply	https://forms.gle/iDNNHMx1YJhv18dn8
Age Limit	Not exceeding 30 years of age
Essential Qualification & Experience	Graduate in any discipline with 5 years' experience of administration /finance and accounts work.
Desirable	I. Knowledge of file management and office work II. Knowledge and experience of budget related work III. Experience in administrative & accounts work, e-office file handling IV. Proven knowledge of procurement, financial clearance and handling multi-centric projects
Job specification	**Project Officer** appointed under this research scheme would be responsible for the following will be stationed at the coordinating center. o Managing administrative and financial components of the project o Coordinating meetings, draft minutes o Providing support for writing E-mails o Assisting the Scientists for database maintenance

S.No. 6 **Data entry operator – Grade C**	
Post-Code	AIT/DEO

Name of the Post	**Data entry operator – Grade C**
No. of Post(s)	Two
Monthly Emoluments	Rs 31,000/- per month (consolidated)
Link to apply	https://forms.gle/qEYPx7rNYUBVDPdm7
Age Limit	Not exceeding 30 years of age
Essential Qualification& Experience	Bachelor's degree in computer application / IT / Computer Science from recognized institution/ university
Desirable	• A speed test of not less than 15000 key depressions per hour through speed test on computer Experience of writing mails, handling excel sheets, entering data into excel, managing and updating the data to clouddatabase.
Job specification	DEO appointed under this research scheme would be responsible for the following. 1. Keeping a written and digital record of the number of slides, forms and questionnaires received from collaborating institutes. 2. Labelling and assigning slide numbers to the slides received 3. Entering data from patient recruitment questionnaires and cytopathology requisition forms into excel sheets etc. 4. Providing support for writing E-mails 5. Updating the database in real time

S.No. 7 **Project Technician-II**	
Post-Code	AIT/PT2
Name of the Post	**Project Technician-II/ Laboratory Assistant**
No. of Post(s)	One
Monthly Emoluments	Rs. 17,000/ per month (consolidated)
Link to apply	https://forms.gle/1puoxzy4aXVDdnus6
Age Limit	Not exceeding 28 years
Essential Qualification & Experience	High school* or equivalent with five years' experience in medical diagnostic laboratory from a government institution or recognized institute or certificate of one year training in the medical laboratory technology *DMLT will be treated as 2 year's experience * BSc will be treated as 3 year's experience
Desirable	I. Working knowledge of histopathology and cytopathology staining II. Proven experience of working in a clinical diagnostic pathology lab would be preferred (experience certificate required) III. Candidate should be hard-working and eager to learn
Job specification	**Project Technician** appointed under this research scheme would be responsible for 1. Coordinating the activities of receiving and shipping back slides to and from the collaborating institutes

	2. Labelling and assigning slide numbers to the slides received
	3. Providing support for writing E-mails, making phone calls to the collaborators
	4. Scanning the cytopathology slides on a digital microscope
	Keeping a written and digital record of the number of slides, forms and questionnaires received from collaborating institutes

Terms of Contractual Appointment

1. The interested candidates may apply only online with the links as given against the post or given below by **5.30 PM on or before 31.05.2023.** No other mode of application will be accepted.

S. No.	Post	Post Code	Link to Apply
1.	**Consultant (AI Expert)**	AIT/C/AI	https://forms.gle/yTu4AmXG4ms2aPASA
2.	**Consultant (Application Developer)**	AIT/C/AD	https://forms.gle/s1HFf9iReoxX75Rf6

3.	**Scientist 'D' - Data scientist**	AIT/Sc/DS	https://forms.gle/hmfRTnZMZujg4YZ7A
4.	**Scientist 'D' - Artificial Intelligence Expert**	AIT/Sc/AI	https://forms.gle/HiLgdM43LZewxR4b7
5.	**Project Officer**	AIT/PO	https://forms.gle/3rapWNKQ3Jxi42sEA
6.	**Data entry operator – Grade C**	AIT/DEO	https://forms.gle/xpSCQtiPV98ZaLok8
7.	**Project Technician-II**	AIT/PT2	https://forms.gle/C8mj1gHHif6fX6JJ7

2. The candidates should upload one set of photocopies of self-attested documents *viz.* (Academic Degrees/Certificates, Professional Degrees/Certificates, Experience, Aadhar Card, Caste Certificate (if applicable) a **single PDF file**. The applications not in the prescribed format will be summarily rejected.

3. The contractual appointment will be made initially for one year and extendable till the completion of project based on performance.

4. Separate application forms should be submitted if a candidate wish to apply for more than one post.

5. The recruited project staff are eligible for leave as per project rules and will have to give an undertaking at the time of joining.

6. The interviews for the advertised posts will be conducted physically, in-person mode, the date of which shall be intimated later via email to the shortlisted candidates only.

7. The conditions for employment will be same as that of the ICMR project staff on contract basis. Candidates working/have worked under project in ICMR institutes/centers will be given 'One time' age relaxation, as per the Institute rules and regulations.

8. **Age, qualification, experience etc. will be reckoned as on the last date of submission of application form. Age relaxation will be applicable as per GOI rules.**

9. Hostel accommodation of any kind is not available with the Institute.

10. Other General term & conditions are mentioned on the next page.

For any query: Please contact **ncp.recruitment2023@gmail.com**
OR
niprecruitmentcell@gmail.com

General Terms and Conditions

1. Number of positions may vary. The selected candidates will be posted at New Delhi and may be required to travel for field surveys. They are also expected to travel to Delhi or other centers for training.
2. These positions are meant for temporary projects and co-terminus with the project.
3. Engagement of the above advertised Project Human Resource Positions will depend upon availability of funds, functional requirements, and approval of the Competent Authority. Therefore, we are not committed to fill up all the advertised Project Human Resource Positions and the process in liable to be withdrawn/ cancelled/ modified at any time.
4. Qualification & Experience should be in relevant discipline/ field and from an Institution of repute. Experience should have been gained after acquiring minimum essential qualification.
5. Mere fulfilling the essential qualification does not guarantee the selection.
6. Persons already in regular time scale service under any Government Department/ Organizations are not eligible to apply.
7. No TA/DA will be paid to attend the Interview/ Personal discussion and candidates must arrange transport/ accommodation themselves.
8. ICMR-NIP reserves rights to consider or reject any application/ candidature, without assigning any reason.
9. Submission of false or wrong information during the process of selection shall disqualify the candidature at any stage.
10. The persons engaged on Project Human Resource Positions cannot be permitted to register for Ph.D., due to time constraints.

11. The persons engaged on Project Human Resource Positions will normally be posted at the study site; however, they can be posted to any other site in the interest of research work. They are liable to serve in any part of the country.

12. The persons engaged on Project Human Resource Positions shall not have any claim on a regular post in ICMR or in any of its institutes/ Centers or in any Department of Government of India and their project term with breaks or without breaks in any of the multiple projects will not confer any right for further assignment or transfer to any other project or appointment/ absorption/ regularization of service in funding agency or in ICMR-NIP. Benefits of Provident Fund, Pension Scheme, Leave Travel Concession, Medical claim, Staff Quarters, and other facilities applicable to regular staff of ICMR etc. are not admissible to the Project Human Resource Positions.

13. Successful candidates will normally be engaged on Project Human Resource Positions initially for a period of one year or less, depending upon the tenure of the project and functional requirements. Continuation/ Extension to engagement of Project Human Resource Positions will be depending upon evaluation of performance, tenure of the project, availability of funds, functional requirements, and approval of competent authority. The maximum term of any Project Human Resource Position in any or multiple projects, with breaks or without breaksshall be five years only.

14. ICMR-NIP reserves the right to terminate the Project Human Resource Position even during the agreed contract period or extended contractperiod without assigning any reason.

15. Corrigendum/ addendum/ further information; if any; in respect of this advertisement, will be published on our website only. Hence, the candidates are advised to visit our websites: www.instpath.gov.in and www.icmr.nic.in regularly for further updates related to this advertisement   Director

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