Division of Environmental Sciences

ICAR-Indian Agricultural Research Institute, New Delhi-110012

Online Interview

Applications are invited for filling the following contractual positions under the following projects:

1) DST-National Mission for Sustaining Himalayan Ecosystems (NMSHE)-TF-Agriculture project(up to March 2026)

2) National Innovations in Climate Resilient Agriculture (NICRA) (up to March, 2023, likely to be extended)

3) NASF Project entitled, "Developing precision nutrient management protocols for rice-wheat and rice-maize systems in Indo-Gangetic plains") (up to March, 2023)

Owing to the prevailing COVID-19 crisis, the eligible candidates are requested to send their application in the enclosed Performa along with self-attested scanned copy of the original documents to the AAO(Environment Science) e-mail **sureshcescra@gmail.com (contact no.- 011-25846359)**latest by **21st May, 2022**. After screening the applications, the eligible candidates will be called by email for the online interview which is fixed tentatively from **27-28th May 2022**. Original documents will be verified at the time of appointment. If any candidate is found to have submitted false claims at a later stage, their candidature will be summarily rejected.

S.No.	Name of the Post	No. of post	Emoluments per month	Essential and Desirable Qualification
1.	Principal Project Associate-I under NMSHE project	1	@ 49,000/+24% HRA	**Essential:** i) MSc/MTech/ME/MCA in computer science/ Information Technology/Geomatics / Geo-informatics /Data Science/ System analysis/AI/ML/or equivalent from a recognized university/ institutionwith first class or >7.5% OGPA ii) 8-year experience in R&D/ Academic/ Science and Technology Organizations iii) Candidates should have done 4/5 years bachelor's degree. iv) Those with 3 years bachelor's degree must have UGC/CSIR/ICAR NET/ MHRD-GATE qualification or Ph.D in any of above disciplines.(As per ICAR memorandum F.No. Agri. Edn./6/27/2014/HRD Dated 13.07.2015 and F.No. Agri. Edn./6/27/2014/HRD Dated 09.10.2015) OR i) PhD degree in above subjects from a recognized university ii) 4-year experience in R&D/ Academic/ Science and Technology Organizations **Desirable:** Proficiency in satellite data analysis, GIS tools, ArcGIS, Web GIS, GEE, and programming proficiency in C#, Java, Python, R, ASP, IDL programming languages, 3D graphics/animation/3-D modeling, and handling databases knowledge crop simulation models, and analysis of climate model data

2.	Project Associate-II under NMSHE project	1	35,000/month +24% HRA for 1 st & 2nd year and 42,000/month +24% HRA for 3 rd, 4th and 5th year	**Essential:** i) MSc/MTech/ME/MCA in computer science/ Information Technology/Remote Sensing-GIS/Atmospheric science/Geomatics / Geoinformatics / Data Science/ System analyst/Agronomy/Plant Physiology/Soil Science or equivalent from a recognized university/ institutionwith first class or >7.5% OGPA ii) 2-year experience in R&D/ Academic/ Science and Technology Organizations iii) Should have UGC/CSIR/ICAR NET/ MHRD-GATE qualification or passed National Level examinations conducted by Central Govt Departments and their agencies and Institutions(as per OM SR/S9/Z-05/2019 of DST dated 10th July, 2020) **Desirable:** Experience / Knowledge in 3D graphics/animation/ image processing, Configuring Web Map server, programming in R / IDL/ C#/ Python / Java script/Andriod and cloud computing/ web sources / GIS tools, 3D graphics/ animation/ 3-D modeling, and knowledge in crop/hydrological/climatesimulation models, and analysis of climate model data.
3.	Project Associate-II under NMSHE project	1	35,000/month +24% HRA for 1st & 2nd year and 42,000/month +24% HRA for 3rd, 4th and 5th year	**Essential:** i) MSc/MTech/MEin Atmospheric science/ Hydrology/ Water resources/Remote sensing and GIS/ Geo-informatics/ Computer science/ Information Technology/ with first class or > 7.5% OGPA from a recognized university/ institution. ii) and iii) as in S.no.2 **Desirable:** Handling of land surface hydrological models, satellite and climate data analysis using GIS tools, development of algorithms, proficiency in C, C++, C#, Java, Python, R, ASP programming languages, MATLAB and handling databases such as MySQL, Knowledge of model (Fortran/ C or others) source code compilation in Visual studio or other IDE platforms.
4.	Project Assistant under NMSHE project	1	20,000/month +24% HRA for 1st, 2nd and 3rd year and @23,000/month +24% HRA for 4th and 5th year	**Essential:** i) Bachelor's degree in Science/Technology/English/Communication/Journalism/publicationswith OGPA >7.5 or equivalent from a recognized university ii) Excellent writing skills in English as evidenced by publications/ reports etc. **Desirable:** Experience in working in international organizations/ report preparation job, publication job/or relevant experience

5.	Senior Research Fellow (SRF) for NICRA project	1	Rs 31000/- + 24% HRA	**Essential:** i) Master's Degree (M.Sc. / M.Tech.) in Remote Sensing & GIS / Geomatics / Geoinformatics / Data Science or equivalent from a recognized university / institution. ii) Master's Degree in the above subject with 4 years / 5 years of Bachelor's degree. iii) Those with 3 years bachelor's degree must have UGC/CSIR/ICAR NET/ MHRD-GATE qualification or Ph.D in any of above disciplines. (As per ICAR memorandum F.No. Agri. Edn./6/27/2014/HRD Dated 13.07.2015 and F.No. Agri. Edn./6/27/2014/HRD Dated 09.10.2015). **Desirable:** Experience / Knowledge of Satellite image processing, ArcGIS, Web GIS, GEE, and programming in Python/R/IDL
6.	SRF For NICRA Project	1	Rs 31000/- + 24% HRA	**Essential:** M.Sc. in Soil Science and Agricultural Chemistry/Agronomy/Chemistry/Biochemistry) with first class / OGPA>7.5 from a recognized university/ institution. ii and iii same as in S.No.5 **Desirable:** Experience in field work, soil and plant sampling and analysis.
7.	SRF For NICRA Project	1	Rs 31000/- + 24% HRA	M.Sc. (Agronomy/ Soil Science / Ag Statistics)with first class / OGPA>7.5 from a recognized university/institution ii and iii same as in S.No.5 **Desirable:** Proficiency in computer use and data analysis
8.	SRF For NICRA Project	1	Rs 31000/- + 24% HRA	**Essential:** i) Master's degree with specialization in Soil Science & Agricultural chemistry (SSAC)/ Environmental Science (with thesis work) with first class / OGPA>7.5 from a recognized university/ institution. ii) And iii same as in S no 5 iv) At least one year of research experience post-degree in soil and plant chemical analysis **Desirable:** Experience in analysis of greenhouse gas emission, handling IRGA, plant canopy analyser
9.	SRF For NICRA Project	1	Rs 31000/- + 24% HRA	**Essential:** i) MSc with specialization in Environmental Sciences with thesis work / Soil Science ii and iii as in S no 5 **Desirable:** Experience in soil/gas sampling from agricultural fields and their analysis

10.	SRF under NASF Project (project at Div Agronomy)	1	Rs 31000/- + 24% HRA	**Essential:** i) MSc/MTech/ME/MCA in computer science/ Information Technology/Remote Sensing-GIS/Atmospheric science/ Geomatics / Geoinformatics / Data Science/ System analyst/ or equivalent from a recognized university/ institutionwith first class or >7.5% OGPA ii) 2-year experience in R&D/ Academic/ Science and Technology Organizations iii) Should have UGC/CSIR/ICAR NET/ MHRD-GATE qualification or passed National Level examinations conducted by Central Govt Departments and their agencies and Institutions(as per OM SR/S9/Z-05/2019 of DST dated 10th July, 2020) **Desirable:** Experience Configuring Web Map server, programming in R / IDL/ C#/ Python / Java script/Andriod and cloud computing/ web sources / GIS tools, data mining, experience in AI, ML, algorithm development, and knowledge in crop/hydrological/climate simulation models,
11.	YP II For NICRA Project	1	Rs.35000 Consolidated	**Essential:** MSc/MTech/ME/MCA in computer science/ Information Technology/ Data Science/ or any branch of Agriculture from a recognized university/ institution with first class or >7.5% OGPA from a recognized university/ institution. **Desirable:** Experience Configuring Web Map server, programming in R / Python / Java script/Android and cloud computing/ web sources / GIS tools, data mining, and knowledge in crop/hydrological/climate simulation models
12.	YP II For NICRA Project	1	Rs.35000 Consolidated	**Essential:** Master's degree in Microbiology/Biotechnology/Environmental Science or equivalent with first class or >7.5% OGPA) from a recognized university/ institution. **Desirable**: One or more years of experience in working with cyanobacteria, methane utilizing bacteria biofertilizer formulations, and field evaluation of biofertilizers.
13.	YP II For NICRA Project	1	Rs.35000 Consolidated	**Essential:** Master's Degree in Microbiology/Agricultural Microbiology/ Biochemistry with first class or >7.5% OGPA from a recognized university/ institution. **Desirable** Experience in lab and field work, data analysis and writing skills.
14.	YP I For NICRA Project	1	Rs.25000 Consolidated	Essential: B.Sc/B.Tech in any branch with first class from a recognized university/ institution. Desirable: proficiency in computer usage, English, project file maintenance, etc

* As per ICAR / IARI OM F .No. Edn. /6/27/2014/HRD dated July 1, 2015)

Those who are working, they shall bring No Objection certificate from their employer.

Terms & Conditions:

i) Age limit: Maximum age 40 years for PPA, 35 years for SRF/PA, 35 years for YP-II & 30 Years for YP-I (age relaxation of five years for SC/ST & women and three years for OBC).

ii) The posts are purely temporary and will be filled on contractual basis.

iii) The selected candidate shall not claim regular appointment at this Institute or any ICAR Institutes, as the post is co-terminus with the project.

iv) The interview for eligible candidates will be held online, details of which will be communicated to eligible candidates by email.

v) Reporting time for online interview will be communicated and all candidates shall adhere to the instructions.

vi) The candidates will have to compulsorily fill application form (as per the format annexed), all the self attested scanned certificates from X class onwards, date of birth certificate, NET/equivalent certificate, bachelor's and master's degrees certificate or provisional certificate and a recent photograph must be enclosed. Proof of experience and publications also need to be sent by email by 21st May, 2022. The selected candidate will be required to produce all original documents and medical certificate at the time of joining.

vii) Failure to submission of required documents as mentioned above along with application will lead to rejection of application and no further communication will be entertained on this matter.

viii) No TA/DA/any other expenses will be paid for attending the interview.

ix) Candidates will be solely responsible for making arrangements to attend the online interview. After the interview no communication from candidates wrt interview will be entertained.

x) Only the candidates having essential qualifications would be entertained for the online interview.

xi) **Concealing of facts or canvassing in any form shall lead to disqualification or termination.**

xii) The candidate intending to attend the online interview, if any of his near or distant relative is an employee of the ICAR/IARI, have to declare his/her name, designation, nature of duties, relationship in writing so as to reach by 21st May 2022. If on the date of online interview such declaration is furnished and found that his relative is an employee of ICAR/IARI, such candidate will not be allowed to appear in the interview or his candidature will be cancelled.

xiii) The Director, ICAR-IARI, New Delhi reserves the right to cancel/postpone the interview or cancel specific posts without assigning any reason thereof.

xiv) The Director shall also reserve the right to terminate the contract of job as mentioned above, even before the completion of the project for which no appeal thereof shall be entertained.

xv) In case of any disputes, it will be resolved in the jurisdiction of New Delhi court only.

Assistant Administrative Office

Division of Environment Science
ICAR-Indian Agricultural Research Institute,
New Delhi

Application format

Post(s) Applied for (numbers must be indicated)   :

1. Name of candidate   :
2. Father's name   :
3. Place &Date of birth   :
4. Present and permanent address   :
5. Email ID   :
6. Mobile No.   :
7. Category-Gen/OBC/ST/SC/Others   :
8. Qualification details with percentage of marks from SSLC/HigherSecondary School/Undergraduate/PostGraduate/M.Phil/Ph.D

Affix your recent Passport size photo

Sl No	School/College/University/Board	Subject/Year	Marks/CGPA/OGPA obtained
SSLC			
H.Sc/Intermediate			
B.Sc/BSc (Ag) /B.Tech/BCA			
M.Sc/MSc (Ag)/ M.Tech/MCA /etc			
M.Phil			
Ph.D (if any)			
NET			
Others (if any)			

9. Research experience (in Years)(Less than a year experience will not be considered)

Sl No	Organization/ Company	Position Year of Joining	Year of leaving	Experience (number of years)	Special techniques employed/ Nature of job

1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
…					

10. List of Publications

Sl No	(Peer, reviewed, research papers, full citation)
1.	
2.	
3.	
4.	
5.	
…	

11. Technology/software developed/etc (if any)

Sl No	
1.	
2.	
3.	
4.	
5.	
…	

.

Hereby, I declare that the information provided above is correct to the best of my knowledge and my application may be disqualified if they are found to be incorrect at a later date.

Signature with date