

**No. MOES/17/06/2009-Estt  
GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
MAHASAGAR BHAVAN, BLOCK-12, C.G.O. COMPLEX,  
NEW DELHI-110003.**

**Subject: Engagement of ten contractual Project Scientist 'C' on contract basis in the National Centre for Medium Range Weather Forecasting (NCMRWF), Noida.**

Applications are invited from Indian citizens for engaging 10 (ten) contractual Project Scientist "C" in the consolidated emolument of Rs.38,000/- (fixed) for engagement on Project Mode (Contract) basis in National Centre for Medium Range Weather Forecasting (NCMRWF), Noida a subordinate office of this Ministry for a period of one year.

2. Details and format relating to the post may be downloaded from the websites: [www.moes.gov.in](http://www.moes.gov.in)

Sd/-  
( Vasudha Gupta )  
Director (Estt.)

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**Engagement of ten contractual Project Scientists 'C' on contract basis in the  
National Centre for Medium Range Weather Forecasting (NCMRWF), Noida.**

Applications are invited from Indian citizens for engaging 10 (ten) Project Scientist "C" in the consolidated amount of Rs.38,000/- (fixed) for engagement on Project Mode (Contract) basis in National Centre for Medium Range Weather Forecasting (NCMRWF), Noida a subordinate office of this Ministry for a period of one year.

**1. Particulars of the Post:**

- |      |               |                       |
|------|---------------|-----------------------|
| (i)  | Designation:  | Project Scientist "C" |
| (ii) | Number        | 10 (ten)              |
| (iv) | Remuneration: | Rs.38,000/- (fixed)   |

**2. Eligibility Criteria:**

**Essential:**

- (i) Master's Degree or equivalent in Meteorology/Oceanography/ Atmospheric Science/ Physics/ Geophysics/ Mathematics/ Applied Mathematics and related field of science from a recognized university with at least first class (60%) at Post Graduation level.

AND

Three years experience in the above fields. Familiarity with UNIX Fortran. Research scholars who have done/completed their Ph.D or at least submitted their thesis would be considered equal to 3 years work experience.

OR

- (ii) Master's Degree/B.Tech. or equivalent in Computer Science from a recognized University with at least first class (60%) at Post Graduation/B.Tech. level

AND

Three years experience in scientific computing environment. Familiarity with UNIX Fortran/C/C++

OR

- (iii) M.Tech degree and two years research experience in the relevant field as per (i) above.

OR

- (iv) Ph.D in the relevant field as per (i) above with familiarity in UNIX.Fortran/C/C++

**Desirable:**

Knowledge of Shell scripting/OOP/SQL. Experience in handling different message passing environments like MPI. Open MP, PVM, parallel programs in FORTRAN and C. Knowledge of the concepts in parallel programming e.g. communication between processors, concurrency, load balancing, scalability etc. Experience in porting/optimization of Mathematical Models/Atmospheric Models on HPC cluster based environment. Structured Query Language (SQL) and scripting languages like Perl, Python etc.

**Note:**

The qualification regarding experience is relaxable at the discretion of Secretary, MoES in the case of candidates belonging to Scheduled Castes and Scheduled Tribes, if at any stage of selection, the Secretary, MoES is of the opinion that sufficient number of candidates from these communities possessing the requisite experience are not likely to be available to fill up the vacancies.

**3. Job Responsibilities:**

Meteorological Data processing, Assimilation of conventional and satellite data in Atmospheric General Circulation Models. Numerical Modeling of the atmosphere. Development of Multi-Model Ensemble Forecasting techniques. To undertake development work related to the generation of a high-resolution regional reanalysis over our region utilizing all the available data and state-of-art assimilation system. Porting of Mathematical (Atmospheric) Models on HPC cluster based environment. Simulate mathematical models with the real time data sets. Optimization of Mathematical Models.

**4. Age Limit (as on closing date :)**

**Maximum 35 years**

**5. General Conditions:**

- I. The number of posts to be filled may vary. The Ministry reserves the right to cancel the recruitment without assigning any reason.
- II. The prescribed essential qualifications are minimum and the mere possession of the same does not entitle candidates to be called for interview. If the number of applications received in response to Advertisement is large, it will not be convenient or possible for the Assessment Board to interview all those candidates. So, the Ministry may restrict the number of candidates to be called for interview to a reasonable limit on the basis of desirable qualifications and/or experience prescribed in the advertisement as per the specific requirement of the Ministry. No correspondence will be entertained with candidates who are not called for interview/selected for appointment. CANVASSING IN ANY FORM WILL RESULT IN DISQUALIFICATION OF CANDIDATURE.

- III. The selected candidates are liable to serve anywhere in India and outside.
- IV. Experience will be counted after completion of essential academic qualifications, while a completed Doctorate degree will be counted as three years experience. In case a candidate has obtained the above degree while in service, only his service period will be counted towards experience and he will get any additional weightage in experience for acquiring Doctorate towards total period of experience.
- V. HOW TO APPLY: Applications should be neatly typed on thick plain paper (A-4 size 210 x 297 mm) in the prescribed format attached.
  - (a) Copies of certificates in support of educational qualifications, date of birth, Disability (OH), Community (in case of SC/ST/OBC candidates only) and experience should be attached with the application. Candidates will have to produce the original certificates as and when required.
  - (b) Applications received after the closing date or received incomplete in any respect are liable to be summarily rejected. No representation against such rejection will be entertained.
  - (c) Completed applications should be sent to the Director (Estt.), Ministry of Earth Sciences, Block No. 12, CGO Complex, Lodhi Road, New Delhi-110003, by Registered Post in a cover superscribed **“APPLICATION FOR THE POST OF PROJECT SCIENTIST ‘C’ IN NCMRWF, NOIDA”** with in 15 days from the date of publication of this advertisement in employment news/leading newspapers.

6. This advertisement is also available on the website [www.moes.gov.in](http://www.moes.gov.in)

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( Vasudha Gupta )  
Director (Estt.)

**APPENDIX-I****FORMAT OF APPLICATION**

Affix passport size photograph
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1.	Advertisement No.					
2.	Post for which applied					
3.	Name in full (in block letters)					
4.	Father's/Husband's Name					
5.	(a) Date of Birth			Date	Month	Year
	(b) Age on Closing date					
6.	Nationality					
7.	Religion					
8.	Whether belongs to SC/ST/OBC/PH/General (Strike out whichever is not applicable)					
9.	Whether documentary proof from appropriate authority in support of your claim being SC/ST/OBC is enclosed (please tick)			Yes	No	
10.	Address for correspondence (in block letters with pin code)					
11.	Permanent address (in block letters)					
12.	Nearest Railway Station					
13.	Educational Qualification (in chronological order from 10 <sup>th</sup> Standard onwards)					
	Sl. No.	Courses Passed	University/Institution/ Board	Year of Passing	Subject taken	Result with Division/Class
14.	Professional Training:					
	Organisation	Period			Details of Training	
		From	To			
15.	Employment records (in chronological order, starting with the first job)					
	Name and address of employer/institution	Period		Designation of post held and scale of pay	Nature of work and level of responsibilities	
		From	To			

16.	i) Permanent/Temporary/Ad-hoc ii) Scale of Pay and Basic Pay (Revised/Pre-revised) iii) other allowances iv) Total Salary (ii+iii)	Rs. Rs. Rs.
17.	Details of research work/experience, if any	
18.	Specialization (with reference to experience desired for the post)	
19.	Give the names of two reference (they must not be related to you) who are in a position to testify from their personal knowledge as to your fitness for the proposed appointment. They must be persons under whom you have worked or studied. (i) Name with full address: (ii) Name with full address:	
20.	Any other information you may wish to add [Like list of publications, membership of learned societies, awards and recognition, etc. (in brief)]	
21.	Details of Enclosures	

## 22. Declaration

I certify that the above information is correct and complete to the best of my knowledge and belief and nothing has been concealed/distorted. If at any time I am found to have concealed/distorted any material/information, my appointment shall be liable to be summarily terminated without notice/compensation.

Place:

(Signature of Candidate)

Date: