

No. 3/1/2016-Admn.I

भारत सरकार

Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय

Ministry of New & Renewable Energy

CGO Complex, Block No.14, Lodhi Road, New Delhi - 110003

EPBAX No. 24360707; Fax No. 24361298

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**Subject: Recruitment to Eight (8) posts of Scientists 'B' (Group 'A' Gazetted) in the Ministry of New and Renewable Energy (MNRE)**

Applications are invited , **on line only**, from suitable candidates for filling up Eight (8) posts of Scientists-B in the pay band of Rs.15600-39100/- + Grade Pay of Rs.5400/- in the Ministry of New and Renewable Energy (MNRE) on direct recruitment basis.

2. Eligible candidates will apply only on line by clicking to the link <http://jobapply.in/mnre2016>. A link is also available in website of the Ministry [www.mnre.gov.in](http://www.mnre.gov.in) . **The last date for submitting online application is 25.4.2016.**

3. Candidates fulfilling following age limit and educational qualification are eligible for submitting on line application:-

(i) **Age limit:** Not exceeding 35 years, which is relaxable upto 5 years for Government servants and candidates belonging to SC/ST, and for candidates belonging to OBC relaxation in age limit is upto 3 years, in accordance with the instructions issued by the Central Government from time to time. In case of persons with disabilities, age relaxation of further 5 years is admissible in addition to age relaxation admissible to candidates of SC/ST/ OBC category. **The crucial date of determining the age shall be the closing date of receipt of applications.**

(ii) **Educational Qualification:**

(a) **Essential:**

Master's degree in Natural / Agricultural Science or Bachelor's Degree in Engineering / Technology / Medicine, from a recognized University or Institute

(b) **Desirable**

(i) Specialized experience in Research & Development / Industrial / Academic Institutions and / or Science and Technology Organizations. This experience shall be of a specific nature relevant to the job requirements of the post.

(ii) Doctorate Degree in Natural or Agricultural Science or Master's Degree in Engineering / Technology in the discipline / subject relevant to the job requirements.

4. The details relating to scale of pay, academic qualifications and experience, method of recruitment , date of examination , syllabus are also uploaded in the website of Ministry [www.mnre.gov.in](http://www.mnre.gov.in). No request for change of examination centre and date of exam will be considered under any circumstances.

5. **The written examination will be conducted on 15.5.2016 (Sunday) at the designated centres.** The Admit Card containing details of Examination Centre will be uploaded in the website of the Ministry, which can be downloaded by the candidates.. The candidates are advised to check website of the Ministry regularly for any other information/ updates.



(D. Choudhury)

Under Secretary to the Govt. of India

CONT'D.

**FOR PUTTING IN THE WEBSITE ONLY**

**Statement showing the scale of pay, academic qualifications and experience, method of recruitment etc. for the post of Scientist 'B' in the Ministry of New and Renewable Energy, Government of India, New Delhi:**

1. Number of Posts: Eight (8)\* = (4-UR) (1 -OBC) (2-SC) (ST-1)  
\* One post is reserved for a person with disability
2. Place of posting : New Delhi, but liable to be posted anywhere in India
3. Designation of the posts: Scientist 'B'
4. Scale of pay (Pay Band): Rs.15600-39100/- + Grade Pay of Rs.5400/-(PB-3)
5. Classification : General Central Service Group 'A' Gazetted Posts (Non-Ministerial, Scientific & Technical).
6. Method of Recruitment : Direct Recruitment
7. Educational Qualification:

**(a) Essential:**

Master's degree in Natural / Agricultural Science or Bachelor's Degree in Engineering / Technology / Medicine, from a recognized University or institute

**(b) Desirable**

- (i) Specialized experience in Research & Development / Industrial / Academic Institutions and / or Science and Technology Organizations. This experience shall be of a specific nature relevant to the job requirements of the post.

(ii) Doctorate Degree in Natural or Agricultural Science or Master's Degree in Engineering / Technology in the discipline / subject relevant to the job requirements

**Age limit:** Not exceeding 35 years, which is relaxable upto 5 years for Government servants and candidates belonging to SC/ST, and for candidates belonging to OBC relaxation in age limit is upto 3 years, in accordance with the instructions issued by the Central Government from time to time. In case of persons with disabilities, age relaxation of further 5 years is admissible in addition to age relaxation admissible to candidates of SC/ST/ OBC category. **The crucial date of determining the age shall be the closing date of receipt of applications**

**Date of Written Examination: 15.5.2016 (SUNDAY)**

CONTD.

**Selection Process:-**

The candidates fulfilling the criteria of age, educational qualification and other requirements shall be called for written examination. The candidates shortlisted on the basis of written examination shall be called to appear before the Interview Board, date and time for which shall be communicated separately.

The written Examination shall be conducted in single session. Total marks: - 150, Duration: - 120 minutes. Total 150 marks will cover two Sections as under:

**SECTION – I(GENERAL) (50 questions)** - **50 Marks**

- i. Research Aptitude
- ii. Reading and Comprehension
- iii. Communication Skills
- iv. Logical reasoning
- v. Data interpretation
- vi. General Awareness, particularly in the field of promotion and development of new and renewable energy both at National (Central/State) and International level.

**SECTION – II (TECHNICAL) (100 questions)** - **100 Marks**

- (i) National and Global Scenario of Energy
- (ii) Scene and Scope of Renewable Energy in India – Solar Energy(Solar Thermal & Photovoltaic) , Wind Energy Geothermal, Ocean Energy, Hybrid, Biomass (Biomass Power and Cogeneration) , Hydro Power, Bio Energy (biogas and bio-fuels), Fuel Cell, Hydrogen Energy and other Renewable Resources ;
- (iii) Fundamentals of Energy Technologies (including relevant principles of heat transfer combustion, fluid mechanics, power systems, materials and microbiology),
- (iv) Government policy and programmes for development and dissemination of renewable energy technologies
- (v) Energy and Environmental linkages
- (vi) Renewable Energy Resource Assessment , and
- (vii) Any other issue relevant to new and renewable energy.

The type of questions in both the sections (Section I and Section II) shall be Objective Type, having four options to choose the correct one.

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