

National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy

Details (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

The objective of the "National Renewable Energy Fellowship Scheme" Component of the Human Resource Development Programme in New and Renewable Energy, Human Resources Development Division, Ministry of New and Renewable Energy, is to institutionalize renewable energy education and training to meet the requirement of qualified and trained manpower in the country. ■ The "National Renewable Energy Fellowship Scheme" comes under the "Fellowships for Higher Studies and Research in Renewable Energy" Component of the Programme. Through this scheme, fellowships will be provided for pursuing higher studies/ advanced research in renewable energy. The fellowship scheme is directly aligned with the overall requirement of renewable energy, research thrust areas identified by MNRE, identification of technology readiness levels and focus on commercialization. The technology areas will not be of a generic nature but should involve frontier-edge research in technology development with a focused approach. ■ TOTAL Intake Every Year: 75 For Five Years: 375 Fellowship (1st Year, 2021-22): 75 Fellowship (2nd Year, 2022-23): 150 Fellowship (3rd Year, 2023-24): 180 Fellowship (4th Year, 2024-25): 200 Fellowship (5th Year, 2025-26): 220 ■ NOTE 1: Liability for fellowships sanctioned from 2022-23 onwards will spill over beyond the scheme period as per their fellowship duration.

Objectives (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- The objective of the "National Renewable Energy Fellowship Scheme" Component of the Human Resource Development Programme in New and Renewable Energy, Human Resources Development Division, Ministry of New and Renewable Energy, is to institutionalize renewable energy education and training to meet the requirement of qualified and trained manpower in the country.

Important Features (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- The objective of the "National Renewable Energy Fellowship Scheme" Component of the Human Resource Development Programme in New and Renewable Energy, Human Resources Development Division, Ministry of New and Renewable Energy, is to institutionalize renewable energy education and training to meet the requirement of qualified and trained manpower in the country.
- ■ The "National Renewable Energy Fellowship Scheme" comes under the "Fellowships for Higher Studies and Research in Renewable Energy" Component of the Programme.
- The total number of fellowships to be supported during the period is given below: ■ Course: M.Tech.

Benefits (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- Funding Pattern ■ JRF (Junior Research Fellow) Fellowship: ■31,000 per month HRA (House Rent Allowance): As per Central Government Norms Contingency: ■20,000 per annum Duration: 2 Years ■ SRF (Senior Research Fellow) Fellowship: ■35,000 per month HRA: As per Central Government Norms Contingency: As per Central Government Norms Duration: 3 Years ■ PDF/RA (Post Doctoral Fellow/Research Associate) I
- Fellowship: ■47,000 per month II
- Fellowship: ■49,000 per month III
- Fellowship: ■54,000 per month HRA: As per Central Government Norms Contingency: As per Central Government Norms Duration: 3 Years ■ Master of Technology (M.Tech) and Master of Science (M.Sc.) Fellowship: ■12,400 per month HRA: Not Applicable Contingency: Not Applicable Duration: 20

- 24 Months (as per Institute Norms) ■ M.Sc (Renewable Energy) Fellowship: ■ 4,000 per month HRA: Not Applicable Contingency: Not Applicable Duration: 24 Months (as per Institute Norms) ■ NOTE: These fellowship rates are subject to revision according to the guidelines set by the Council of Scientific and Industrial Research (CSIR), All India Council for Technical Education (AICTE), and the Department of Science and Technology (DST). ■ Payment Schedule These fellowships will come into effect from the Date of Joining of the candidates. The Institute/University will keep the Ministry apprised about their selection process. ■ Mode of Disbursal Fellowships will be disbursed on a monthly basis through beneficiary Bank Accounts. Monthly disbursement of fellowship will be done by the ministry through DBT mode on receipt of continuation/ attendance from the host institutions.

Eligibility (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- Eligibility Criteria for the Applicant The applicant should be pursuing higher studies in renewable energy viz. M.Sc, M. Tech, PhD in Renewable Energy technologies OR The applicant should be a Research Associate or post
- doctoral Fellow pursuing advanced research in MNRE institutions and other key institutions. These Fellowships will exclusively be awarded for Courses on Renewable Energy related subjects only. These Institutions will select the students for M.Tech /Ph.D. courses through GATE Score or CSIR Score or CSIR
- JRF /AICTE/NET Qualified Score Only. M.Sc fellowships will be provided to only to students pursuing an M.Sc in renewable energy qualified with NET. ■ NOTE 1: The Ministry would be guided by the norms of CSIR/DST/UGC for eligibility of the candidates for JRF/SRF/RA/PDF. NOTE 2: The Ministry would be guided by the AICTE guidelines for M.Tech and Department of Biotechnology norms for M.Sc in renewable energy. ■ Eligibility Criteria for the Institute Only those institutes will be considered for the allocation of fellowship slots that are in the Top 100 institutes under the National Institutional Ranking Framework (NIRF), faculty for required expertise in relevant areas of RE and infrastructure facilities available at such institutes for RE education and research in RE etc. The scheme is open for Universities, Technical Institutions, National Laboratories having facilities for research in the identified thrust areas of RE, and institutes having M.Tech./ Integrated M.Sc. courses in energy studies/renewable energy with specialization in any branch of renewable energy.

Application Process (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- Call for Applications MNRE will publish advertisements on an annual basis inviting applications from interested universities/institutes for fellowships for higher education and research in renewable energy-identified thrust areas.
- Institutes/universities engaged in renewable energy education and research may apply for allocation of fellowship slots against advertisement to the Ministry.
- ■ Selection Process for the Institutes The institutes will be selected by a committee chaired by eminent scientists/professors, two experts of the rank of professors from reputed academic institutions, DG, NISE, NIWE and NIBE, Group Head, and HRD as members.
- Scientist-in-charge, HRD will act as convener.
- ■ Selection Process for the Candidates The selected institutes will forward the details of NREF fellows selected by their Research /administrative committees in accordance with the eligibility criteria.
- The Institutes selected for the fellowship slots will forward the details of the students every year against the sanctioned no.
- of fellowships to that Institute.
- The ministry will award the fellowships based on their eligibility by names of the students/candidates.

Documents Required (National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy)

- Passport Sized Photograph Curriculum Vitae (CV) Proof of Indian Citizenship Aadhaar Card Academic Transcripts From All Undergraduate and Postgraduate Degrees Research Proposal Two Letters of Recommendation ■ In addition to the above documents
- applicants may also be required to submit the following

- depending on their category: SC/ST/OBC Certificate (if Applicable) PwD Certificate (if Applicable)
Income Certificate (if Applicable)

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