

National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy Are you sure you want to sign out? Cancel Sign Out Eng English / $\alpha^{\alpha} \alpha \alpha, \alpha \alpha \alpha \alpha$ Sign In Back Details Benefits Eligibility Application Process Documents Required Frequently Asked Questions Sources And References Feedback Something went wrong. Please try again later. Ok You need to sign in before applying for schemes Cancel Sign In Something went wrong. Please try again later. Ok It seems you have already initiated your application earlier. To know more please visit Cancel Apply Now Check Eligibility Ministry Of New and Renewable Energy National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy Fellowship MNRE Renewable Energy Research Details 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 HRD Programme has been with a total financial outlay of Rs. 200 crore for the period of FY 2021-22 to 2025-26. $\alpha \alpha$ 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. $\alpha \alpha$ Number of Fellowships 150 new fellowships/scholarships in the field of renewable energy every year in addition to existing fellowships awarded since 2017-21 (which will continue till their entire tenure). The total number of fellowships to be supported during the period is given below: $\alpha \alpha$ Course: M.Tech. Duration of Course/ Fellowship/ Scholarship (Years): 2 Intake Every Year: 35 For Five Years: 175 Fellowship (1st Year, 2021-22): 35 Fellowship (2nd Year, 2022-23): 35 + 35 Fellowship (3rd Year, 2023-24): 35 + 35 Fellowship (4th Year, 2024-25): 35 + 35 Fellowship (5th Year, 2025-26): 35 + 35 $\alpha \alpha$ Course: M.Sc. Duration of Course/ Fellowship/ Scholarship (Years): 2 Intake Every Year: 10 For Five Years: 50 Fellowship (1st Year, 2021-22): 10 Fellowship (2nd Year, 2022-23): 10 + 10 Fellowship (3rd Year, 2023-24): 10 + 10 Fellowship (4th Year, 2024-25): 10 + 10 Fellowship (5th Year, 2025-26): 10 + 10 $\alpha \alpha$ NOTE: The fellowship provided/sanctioned for M.Tech / M.Sc (2 yr course) during a given year will comprise the number sanctioned during that year plus the continued from the previous year. For example, in M. Tech (2-year course), if fellowship in the year 2022-23 is sanctioned x no and from the previous year 2021-22 y no. has continued, so total fellowship during 2022-23 would be X+Y. The fellowship duration of the course for a student should not exceed 2 yrs. $\alpha \alpha$ Course: JRF Duration of Course/ Fellowship/ Scholarship (Years): 2 + 3 Intake Every Year: 20 For Five Years: 100 Fellowship (1st Year, 2021-22): 20 Fellowship (2nd Year, 2022-23): 40 Fellowship (3rd Year, 2023-24): 60 Fellowship (4th Year, 2024-25): 80 Fellowship (5th Year, 2025-26): 100 $\alpha \alpha$ NOTE: JRF will lead to PHD degree (2 yrs JRF + 3 yrs SRF) not exceeding 5 yrs. Therefore, fellowship would be provided to a student, who enters at JRF level and completes the course up to PHD i.e. maximum of 5 yrs (2 yrs for JRF + 3 yrs for SRF). $\alpha \alpha$ Course: SRF Duration of Course/ Fellowship/ Scholarship (Years): 3 Intake Every Year: 5 For Five Years: 25 Fellowship (1st Year, 2021-22): 5 Fellowship (2nd Year, 2022-23): 10 Fellowship (3rd Year, 2023-24): 15 Fellowship (4th Year, 2024-25): 15 Fellowship (5th Year, 2025-26): 15 $\alpha \alpha$ NOTE: This is a direct route for considering fellowship at the entry-level SRF for attaining a PhD not exceeding 3 yrs. $\alpha \alpha$ Course: RA/PDF Duration of Course/ Fellowship/ Scholarship (Years): 3 Intake Every Year: 5 For Five Years: 25 Fellowship (1st Year, 2021-22): 5 Fellowship (2nd Year, 2022-23): 10 Fellowship (3rd Year, 2023-24): 15 Fellowship (4th Year, 2024-25): 15 Fellowship (5th Year, 2025-26): 15 $\alpha \alpha$ NOTE: RA/PDF is post-doctoral 3-year research. $\alpha \alpha$ 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 $\alpha \alpha$ NOTE 1: Liability for fellowships sanctioned from 2022-23 onwards will spill over beyond the scheme period as per their fellowship duration. NOTE 2: The principle of providing fellowships would be the same in each category. NOTE 3: The number of fellowships in each of the categories above is interchangeable which will depend on no. of applications received quality of research work proposed demand from the Industry etc. Benefits Funding Pattern $\alpha \alpha$ JRF (Junior Research Fellow) Fellowship: α , '31,000 per month HRA (House Rent Allowance): As per Central Government Norms Contingency: α , '20,000 per annum Duration: 2 Years $\alpha \alpha$ SRF (Senior Research Fellow) Fellowship: α , '35,000 per month HRA: As per Central Government Norms Contingency: As per Central Government Norms Duration: 3 Years $\alpha \alpha$ PDF/RA (Post-Doctoral Fellow/Research Associate) I - Fellowship: α , '47,000 per month II - Fellowship: α , '49,000 per month III - Fellowship: α , '54,000 per month HRA: As per Central Government Norms Contingency: As per Central Government Norms Duration: 3 Years $\alpha \alpha$ Master of Technology (M.Tech) and Master of Science (M.Sc.) Fellowship: α , '12,400 per month HRA: Not Applicable Contingency: Not Applicable Duration: 20-24 Months (as per Institute Norms) $\alpha \alpha$ M.Sc (Renewable Energy) Fellowship: α , '4,000 per month HRA: Not Applicable Contingency: Not Applicable Duration: 24 Months (as per Institute Norms) $\alpha \alpha$ 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). $\alpha \alpha$ 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. $\alpha \alpha$ 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 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. $\alpha \alpha$ 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. $\alpha \alpha$ 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 Offline 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. $\alpha \alpha$ 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. $\alpha \alpha$ 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 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) Frequently Asked Questions What role do the Direct Benefit Transfer (DBT) mode and beneficiary Bank Accounts play in disbursing fellowships? DBT mode ensures direct, transparent, and efficient transfer of fellowship funds to beneficiaries' bank accounts, eliminating intermediaries and enhancing accountability. Can you elaborate on the payment schedule and the importance of attendance from host institutions? Payments begin from the Date of Joining, and the Ministry disburses fellowships monthly based on attendance and continuation reports provided by host institutions. What is the role of the Scientist-in-charge, HRD in the selection process for institutes? The Scientist-in-charge, HRD acts as the convener of the selection committee, facilitating coordination and ensuring a smooth selection process. Could you explain the reasons for interchangeability of the number of fellowships in different categories? Interchangeability depends on factors like the number of applications received, the quality of proposed research work, and the demand from the industry, which can vary annually. Are there any specific provisions for fellowships targeted at renewable energy research related to cutting-edge technologies? Yes, the scheme is designed to support research in cutting-edge technology areas related to renewable energy, aligning with the Ministry's thrust areas. What measures are in place to ensure transparency in the selection process of institutes and candidates? The selection committees consist of eminent scientists, experts, and professionals, which helps ensure a transparent and unbiased selection process. How do the funding rates for fellowships for M.Tech and M.Sc compare to the rates for JRF, SRF, and RA/PDF? Funding for M.Tech and M.Sc is comparatively lower, indicating the Ministry's focus on promoting advanced research through JRF, SRF, and RA/PDF. Can you explain the liability for fellowships sanctioned from 2022-23 onwards spilling over beyond the scheme period? Fellowships awarded after 2022-23 may extend beyond the scheme period as per their fellowship duration, ensuring that students have adequate time to complete their research. How does the Ministry ensure that fellowship slots are allocated to institutes with the required expertise in renewable energy areas? Institutes are considered based on their ranking under the National Institutional Ranking Framework (NIRF) and the presence of faculty and infrastructure for research and education in renewable energy. Could you elaborate on the significance of technology areas not being of a generic nature in the fellowship scheme? The fellowship scheme focuses on frontier-edge research in technology development. It means the research undertaken should be at the cutting edge of technology and not general or commonly practiced research. What is the selection process for the institutes applying for fellowship slots? Institutes are selected by a committee chaired by eminent scientists/professors, and the selection committee includes experts from reputed academic institutions, DG, NISE, NIWE, and NIBE, Group Head, and HRD. How does the application process work for institutes and universities interested in these fellowships? MNRE publishes annual advertisements inviting applications from universities and institutes for fellowships for higher education and research in renewable energy thrust areas. What is the mode of disbursement for the fellowships? Fellowships are disbursed on a monthly basis through beneficiary Bank Accounts via the Direct Benefit Transfer (DBT) mode. How are the fellowship payments structured in terms of duration? Fellowship payments commence from the Date of Joining of the candidates and continue on a monthly basis. Sources And References Guidelines Ok Was this helpful? News and Updates No new news and updates available Share Something went wrong. Please try again later. Ok You need to sign in before applying for schemes Cancel Sign In Something went wrong. Please try again later. Ok It seems you have already initiated your application earlier. To know more please visit Cancel Apply Now Check Eligibility Ministry Of New and Renewable Energy National Renewable Energy Fellowship Scheme of the Human Resource Development Programme in New and Renewable Energy Fellowship MNRE Renewable Energy Research Details Benefits Eligibility Application Process Documents Required Frequently Asked Questions 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 HRD Programme has been with a total financial outlay of Rs. 200 crore for the period of FY 2021-22 to 2025-26. The "National Renewable Energy Fellowship Scheme" comes under the "Fellowships for Higher Studies and Research in Renewable Energy" Component of the Programme. 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