

**SARDAR SWARAN SINGH NATIONAL INSTITUTE OF RENEWABLE ENERGY (SSS NIRE)**  
**Formerly known as Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE)**  
*(An Autonomous Institution under the Ministry of New and Renewable Energy, Government of India)*  
12 K. M. Stone, Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab) - 144603

**VACANCY ADVERTISEMENT**

**Engagement of Project Staff under Sponsored Research Project**

Applications are invited from eligible Indian Nationals for engagement on a **purely temporary and contractual basis** under the **CPRI-sponsored Research Project** entitled:

**"Comprehensive Biomass Collection and Analysis from Selective Paddy-Growing Regions of India and Quantification of Paddy Straw Content in Mixed Feed Biomass Pellets."**

The project duration is for **1.5 years**. The appointments are purely temporary, contractual and **co-terminus with the project duration**.

**Details of Positions**

| Position                                                                    | No. of Posts | Monthly Fellowship                                                                                                                    | Essential Qualification                                                                                                                                                                                                                                  | Desirable Qualification                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Research Associate (RA) –I/II/III</b><br><br><b>Age Limit – 35 years</b> | 01           | a) <b>RA-I</b><br>Rs.58,000/- or<br>b) <b>RA-II</b><br>Rs.61,000/- or<br>c) <b>RA-III</b><br>Rs.67,000/-<br>+ 10% HRA (As applicable) | Ph.D. in Chemistry/Environmental Science/Analytical Chemistry/Soil Science and Agricultural Chemistry/Chemical Engineering/Bioenergy Engineering/Biochemical Engineering or related discipline.                                                          | Experience in biomass characterization; ICP-OES/ ICP-MS, Ion Chromatography, XRF or similar analytical instruments; data analysis, modelling, AI/ ML, Python/ R/ MATLAB/ SPSS/ Stata; scientific report writing and handling of analytical datasets. |
| <b>Junior Research Fellow (JRF)</b><br><br><b>Age Limit – 28 years</b>      | 01           | ₹37,000/- + 10% HRA                                                                                                                   | M.Sc./ M. Tech. in Chemistry/ Environmental Science/ Biotechnology/ Agriculture engineering and allied Sciences/ Chemical Engineering/ Renewable Energy/ Mechanical Engineering or related discipline with CSIR/UGC-NET, ICAR-NET or GATE qualification. | Experience in biomass/ agro-residue characterization, proximate, elemental or ion analysis, and statistical tools/data interpretation.                                                                                                               |
| <b>Project Associate–I</b><br><br><b>Age Limit – 35</b>                     | 01           | ₹30,000/- + 10% HRA                                                                                                                   | M.Sc./ B. Tech. in Chemistry/ Environmental Science/ Biotechnology/ Agricultural Engineering/ Chemical                                                                                                                                                   | Experience in laboratory analysis of biomass/agro-residues, analytical instruments, sample                                                                                                                                                           |

|                                                                 |    |                     |                                                                                                                    |                                                                                                                                                                                         |
|-----------------------------------------------------------------|----|---------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>years</b>                                                    |    |                     | Engineering/ Biomass Energy/ Mechanical Engineering or related discipline.                                         | preparation and laboratory documentation.                                                                                                                                               |
| <b>Field/Technical Assistant</b><br><b>Age Limit – 50 years</b> | 02 | ₹27,000/- + 10% HRA | B.Sc./ Diploma in Agriculture/ Chemistry/ Environmental Science/ Biotechnology/ Engineering or related discipline. | Experience in biomass field sampling and collection; willingness to travel extensively across paddy-growing regions of India; knowledge of sample handling, documentation and MS Excel. |

### General Instructions

- The appointments are **purely temporary** and **co-terminus with the project**.
- The selected candidates will have no claim for regular appointment in SSS NIRE.
- Appointment will initially be for the project duration/fund availability and may be extended based on satisfactory performance and project requirements.
- Candidates may be required to undertake extensive field visits for biomass sample collection across paddy-growing regions of India.
- No TA/DA will be paid for attending the interview/test.
- Mere fulfilment of the minimum eligibility criteria does not entitle a candidate to be called for interview. The Institute reserves the right to shortlist candidates based on qualifications, experience and project requirements.
- Reservation, age limit relaxation (age limit relaxable upto 5 years for scheduled castes/scheduled tribes, physically handicapped and women applicants and 3 years in case of OBC (Non-Creamy Layer candidates), and other service conditions shall be as per Government of India/Institute rules, wherever applicable.

### How to Apply

Interested candidates should submit their application in the prescribed format along with self-attested copies of educational qualifications, experience certificates and other relevant documents through email to: [vandit@nibe.res.in](mailto:vandit@nibe.res.in)

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