



सरदार स्वर्ण सिंह राष्ट्रीय जैव ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)

12 कि.मी. स्टोन, जालंधर-कपूरथला रोड, वडाला कलां, कपूरथला (पंजाब) 144603

फोन: 01822-507406, ईमेल: sss.nibe@nibe.res.in, वेबसाइट: <https://nibe.res.in>

Sardar Swaran Singh National Institute of Bio-Energy

(An Autonomous Institute of Ministry of New and Renewable Energy, Government of India)

12 K.M. Stone, Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab) 144603

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Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), Kapurthala is an autonomous Institution of the Ministry of New and Renewable Energy (MNRE), Government of India. The Institute is an up-coming R&D Institute with a mandate to carry out state-of-the-art R&D and innovations, covering the entire spectrum of bioenergy leading to commercialization of technology and their integration with other renewable energy technologies. The Institute is established on a 75 acre green campus with state-of-the-art infrastructure and R&D facilities. It aims to serve as the Principal Innovation Centre and Centre of Excellence for advanced research, development, and demonstration of biomass related technologies and a repository of knowledge and technology relating to utilization of biomass for bioenergy and bioproducts.

Applications are invited for filling up of following posts from the eligible candidates in the Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), Kapurthala on Direct Recruitment/Deputation/ Transfer on deputation basis as given below:

S. No.	Name of the post	No. of Vacancies	Pay scale (7th CPC)	Category
1	Scientist – “F”	3	Level 13 (A)	Unreserved (General)

Broad Areas (in which applications are invited)

- I. Biochemical – Biogas, CBG, Bioethanol and Biorefinery
- II. Thermochemical - Pyrolysis, Gasification, Torrefaction, Combustion and Bio-Hydrogen
- III. Chemical - Biochemicals, Biomaterials and other value-added products
- IV. Electrochemical – Biomaterial for energy storage, Fuel cells
- V. Feedstock - Resources assessment, Supply chain management
- VI. Computational - Data analytics, Life cycle cost analysis, Sustainability

Job Description

- The selected candidate either from experimental/computational background is expected to work on different aspects of production of energy, fuel, products from biomass, using modern tools and techniques in addition to own research program.
- He/she is expected to provide scientific/technical support to ongoing and upcoming research and consultancy programs at NIBE.
- The selected candidate is also expected to lead the training program of the Institute and also teach to postgraduate students.
- In addition, candidates have to attract extra-mural funding to establish and lead new research programs.
- Mentoring of reporting staff and students



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Sr No	Name of the post	Scientist – “F”
1.	Number of Post	03 (Three)
2.	Classification	Group A (Scientific)
3.	Scale of Pay	Level 13 (A) (131100 - 216600) (as per 7 th CPC)
4.	Educational and other qualifications	<p>(A) ESSENTIAL</p> <p>i. Qualification: Doctorate Degree in Science or First class Post Graduate Degree in Engineering/ Technology preferably in Renewable Energy from a recognized University/Institution.</p> <p>ii. Experience: Minimum 12 years' experience in Renewable Energy Sector after essential qualification, out of which 6 years should be preferably in the field of Bio-Energy R&D/Design/Manufacturing and consultancy.</p> <p>(B) DESIRABLE:</p> <p>a) Specialization in Bioenergy/ Agriculture Engineering/Mechanical Engineering/ Chemical Engineering/ Biochemical Engineering/ Biotechnology/Microbiology /Molecular Biology/ Chemistry/ Electro-Chemistry/ Fuel Cell/System Engineering/ Energy Science & Engineering.</p> <p>By Transfer/Transfer on deputation: Officers of Central/ State Governments/ PSUs/ Universities/ Research Institutes/Autonomous Bodies</p> <p>(a) Holding analogous posts on regular basis and possessing educational qualifications and experience as prescribed above. Or (b) Holding the post of Scientist 'E' or equivalent in the scale of pay of Rs. 37400-67000/- GP Rs. 8700/- on regular basis for period of 5 years in any of above organization and possessing educational qualifications and experience as prescribed above. Or (c) Holding the post of Scientist 'D' or equivalent in the scale of pay of Rs. 15600-39100/- GP Rs. 7600/- on regular basis for period of 8 years in any of above organization and possessing educational qualifications and experience as prescribed above.</p>



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5.	Age at the time of application	<ul style="list-style-type: none"> • Not exceeding 50 years for Direct recruitment, Relaxable up to 5 years for officers working in Central/State Govt./Autonomous bodies/Departmental candidates and/or exceptionally qualified persons. In case of candidates belongs to SC/ST/OBC and other category of persons, the age relaxation will be in accordance with the instruction/orders issued by Central Govt. from time to time. • 56 years for Deputationists.
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Note:

- The crucial date for determining the age limit shall be the closing date for receipt of application from candidates in India and not the closing date prescribed for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of J&K State, Lahaul and Spiti Distt. & Pangi Sub-Division of Chamba District of Himachal Pradesh, Andaman & Nicobar Island and Lakshadweep.
- The period of deputation shall be initially for a period of 3 years which can be extended up to 5 years. However, persons already on deputation on another ex-cadre post will not be considered.
- Departmental officers working in the direct line of promotion will not be eligible for being considered on deputation basis. Similarly, deputation will not be eligible to be considered for promotion.
- Candidate applying to be considered on transfer on deputation basis shall be governed by the provision of general deputation rules provisioned in the Recruitment Rules.

1. General Information and Conditions

- i) The applicant must be a citizen of India.
- ii) All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts as on the last date of receipt of applications online. No enquiry asking for advice as to eligibility will be entertained.
- iii) The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle candidates to be called for interview. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates. The candidate should therefore mention in the application all the qualifications and experiences in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of PhD. degree will be reckoned from the date of issue of provisional certificate/notification/degree.
- iv) **The application should be accompanied by self-attested copies of certificates of the relevant educational qualification, experience. The prescribed qualification should have been obtained through recognized Universities / Institutions etc. Incomplete**



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- applications / applications received and not accompanied with the required certificates / documents are liable to be rejected.**
- v) **Candidates who have acquired higher qualifications after possessing the essential qualifications would be preferred. However, the duration for higher qualification shall not be considered as work experience, except relevant full time PhD research work in a recognized university/college.**
 - vi) **Candidates should properly mention the post qualification experiences in sequence with supporting certificates for proof of experience, detail publications and patents if any, projects undertaken and completed separately, research guidance to fellows at M. Tech, Ph. D. or postdoctoral researcher etc., in separate sheets duly signed on each supporting page.**
 - vii) The period of experience rendered by a candidate on part time basis, daily wages, visiting/guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.
 - viii) If any document/certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested is to be submitted.
 - ix) Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview.
 - x) The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum educational qualifications prescribed for that Post/Grade.
 - xi) Persons with Benchmark disabilities (PWD), (Divyang) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
 - xii) The date for determining the upper age limit, qualification and / or experience shall be the closing date prescribed for receipt of applications from candidates in India and not the closing date prescribed for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of J&K State, Lahaul and Spiti Distt. & Pangi Sub-Division of Chamba District of Himachal Pradesh, Andaman & Nicobar Island and Lakshadweep.
 - xiii) The upper age limit is relaxable up to 05 years for SC/ST and OBC as per Government of India orders in force only in those cases where the post is reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview
 - xiv) **No TA/DA shall be provided to the candidates for appearing in the interview if found eligible and called for interview.**
 - xv) **NO INTERIM ENQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED.**

2. Carrier Opportunity for Scientists

Promotion for Scientists will be governed by the Flexible Complementing Scheme as applicable in



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Scientific Ministries / Institutions of the GOI. Further, the modified Flexible Complementing Scheme (FCS) will apply to all scientists in the institute (SSS-NIBE), which shall be governed by the Departmental of Personnel & Training's O.M. No. 2/41/97-PIC dated 09-11-1998 and Government of India's Notification No. GSR660 (E) dated 09-11-1998 and as per amendments made from time to time.

3. Mode of Selection

- i) Mere fulfillment of educational qualifications and experience does not entitle a candidate to be called for interview. The duly constituted **Screening Committee** will adopt its own criteria for short-listing the candidates. The candidate should, therefore, mention in the application all the qualifications and experience in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of Ph.D degree will be reckoned from the date of issue of provisional certificate/notification.
- ii) In the event of number of applications being large, SSS NIBE may adopt short listing criteria to restrict the number of candidates to be called for interview to a reasonable number by any or more of the following methods:
 - a. On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - b. On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement.
 - c. Any other methodology as deemed fit by Screening Committee.
- iii) In case of insufficient response from candidates for a particular post or posts, the decision of the Chairman, Governing Council regarding cancellation of that post(s) will be final and binding upon the candidates.
- iv) Due weightage will be given to the candidates having experience in Bio-Energy R&D/Design/Manufacturing and Consultancy including technology innovation / translational research/Applied technology etc. during the screening and selection process. Accordingly, candidates claiming such achievements, if any, have to furnish the same in the prescribed proforma.
- v) The screening of the candidates will be done prima facie on the basis of documents and information furnished by the candidates. If at any subsequent date it is discovered that the candidates do not fulfill the eligibility criteria, or provided false information, their candidature shall be cancelled without assigning any reason whatsoever.
- vi) Candidates claiming for a particular experience in their application form should preferably furnish the relevant claims of experience from their employer. The decision of the Screening Committee regarding consideration of the claims of experience furnished by the candidates other than in the said format and only in case substantiated with the relevant documentary proof would be final and binding upon the candidates.

4. How to Apply

- i) Interested candidates fulfilling the required qualifications and experience for the respective



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post may send their application in the prescribed Performa available on Institute's website and distinctly marked on the application as well as on the envelop and also mentioning whether applying for direct recruitment or deputation basis.

- ii) Applications on plain paper giving particulars in the Performa given below enclosing attested copies of mark sheets and certificates along with list of publications and patents with full references and reprints/ photocopies bearing serial numbers corresponding with those in the list may be sent in the name of **The Director General, Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab) 144 603**, so as to reach him **within 21 days from the date of publication of the advertisement in the Employment News / Rojgar Samachar**. Those already in Government services / PSUs etc. should apply through proper channel.
- iii) For candidates residing in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Jammu, Kashmir and Leh (UTs), Lahaul & Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, Union Territory of Andaman & Nicobar Island and Lakshadweep Island, **the application must reach within 35 days from the date of advertisement in the Employment News / Rojgar Samachar**.