



# सरदार स्वर्ण सिंह राष्ट्रीय जैव ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)  
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## Advertisement for Research Associate (RA) Position

Applications are invited from motivated and eligible candidates for a **Research Associate (RA) position** in the research project **“To Optimize Coal and Agro-Wastes Mixing and Feeding for Co-Milling for Thermal Power Plants with Minimum Changes to Installed Systems and Operations”** funded by Department of Science & Technology, DST (Climate, Energy & Sustainable Technology Division), Government of India. The details of the project are given below:

<b>Name of Post</b>	Research Associate-I
<b>No. of Post</b>	2
<b>Title of The Project</b>	To Optimize Coal and Agro-Wastes Mixing and Feeding for Co- Milling for Thermal Power Plants with Minimum Changes to Installed Systems and Operations
<b>Principal Investigator</b>	Prof. S. S. Mallick, TIET, Patiala
<b>Co-PI</b>	Dr Kunwar Pal, Scientist C, SSS NIBE, Kapurthala Dr Tapas Kumar Patra, Scientist C, SSS NIBE, Kapurthala
<b>Tenure of Project</b>	2 years
<b>Job Description</b>	The selected candidate will work on collection of coal, biomass and mill operation data from NTPC power plants, dilute phase CFD simulation of coal and biomass feeding in boiler, characterization coal and biomass for CFD-DEM coupled simulation, preparation of design guide book
<b>Essential Qualification</b>	<ul style="list-style-type: none"> <li>PhD in Mechanical/ Chemical/Energy/ Physics/ Material Science/ Mathematics/ Chemistry/ Agriculture</li> </ul> <p style="text-align: center;"><b>or</b></p> <ul style="list-style-type: none"> <li>ME/M.TECH in Mechanical / Chemical/ Energy/Physics/Material Science/ Mathematics/ Chemistry/ Agriculture with 3 years of experience in research/teaching with at least one research paper in Science Citation Indexed (SCI) journal</li> </ul>
<b>Desirable Experience</b>	Candidates with experience of working on Ansys software during Ph.D. will be given preference. Also Experience of handling and characterization coal and biomass in thermal power plants is desirable
<b>Age Limit</b>	Not more than 35 years as on closing date of application
<b>Fellowship</b>	Rs 58,000 + 9% HRA Per Month (HRA is not applicable If accommodation is provided in the hostel)
<b>Term and conditions</b>	As per institute (SSS-NIBE) and funding agency (DST) RA norms
<b>Last Date</b>	Interested candidates are requested to send their detailed CV, statement of purpose (SOP), proof of Ph.D. thesis submission, and copies of educational qualifications, and other relevant documents to <b>Dr Kunwar Pal by Email (<a href="mailto:kunwar.pal@nibe.res.in">kunwar.pal@nibe.res.in</a>)</b> within 14 days from date of advertisement in Employment News
<p>The appointment is purely temporary and may co-terminus with the project. Mere possession of the minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project.</p> <p><b>Interview:</b> Short-listed applicants will be invited (via email) for an online interview. Date of interview will be communicated to only shortlisted candidates.</p>	