



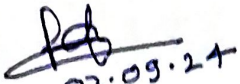
**Indian Institute of Technology (Indian School of Mines), Dhanbad**  
The Office of Dean, Research & Development

Sanction No and Date: SPR/2020/000086, 26 March 2021	IIT (ISM) Project No. DST(SUPRA)(283)/2020- 2021/791/MECH	Date 28/08/2024
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**JRF position under (Name of Funding Agency) Project**

Applications are invited under the sponsored project. The details of the project are as under:

<b>Position</b>	<b>JRF</b>
<b>Number of Position (s)</b>	<b>One</b>
<b>Title of The Project</b>	Control of sprays and thermo-acoustic oscillations through an acoustic driven fuel injector; passive and active control strategy
<b>Principal Investigator</b>	R N Hota
<b>Tenure of Project</b>	Six months or till the project ends
<b>Job Description (in maximum of 100 words)</b>	Candidate should be able to perform the mathematical computation starting from the day one of joining. Solving differential equations by writing appropriate code in MATLAB in the field of thermo-acoustic instability during combustion, performing numerical integrations in MATLAB etc. Candidate also needs to design a control process.
<b>Essential Qualification</b>	B Tech in Mechanical Engg. Course work in Mechanical Vibration. Knowledge of MATLAB and SolidWorks. Candidate should have knowledge of automation and control. Candidate must be a GATE qualified.
<b>Desirable Qualification</b>	At least M Tech in Mechanical Engg. Must be a GATE qualified.
<b>Age and Relaxation (if any)</b>	Below 35 years as on 1 <sup>st</sup> Sept 2024
<b>Fellowship</b>	Rs 37000 + HRA
<b>Last Date &amp; Time</b>	9 <sup>th</sup> Sept 2024
Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.	

  
02.09.24  
(Signature of PI)