## Advertisement for the posts of 1 Junior Research Fellow in a Sponsored Project

Title of the	Numerical simulations of Process modelling and experimental	
Project	validation of Selective Laser Melted Fan Inlet Guide Vanes and Fuel	
	Atomizer Body components for Aero-engine end use application	
Funding Agency	DIA-DRDO	
Duration	2 years (To be renewed every year for up to 2 years, subject to	
	performance and fund availability)	
PI	Dr. Viswanath Ch	
Co-Pl	Dr. Rajesh Korla	
Post	Fellowship	Minimum Qualification
Junior Research	Rs. 37,000 per month	<ul> <li>B. Tech/B. E. (1st Class) in</li> </ul>
Fellow	(Accommodation is subject to	Mechanical/Metallurgical
	availability. Otherwise, HRA will	Engineering
	be provided)	• M. Tech. (minimum CGPA 6.0) in
		Mechanical/Metallurgical and
		Material Engineering
Desirable	Research experience in Mechanical Behavior of Materials	
Qualifications	<ul> <li>Hands-on experience on room temperature as well as high temperature quasi-static mechanical testing</li> <li>Hands-on experience in performing and analysing creep experiments</li> </ul>	
	Experience on using CalPad based software like ThermoCalc	
Experience on microstructural characterization technic		characterization techniques such as
	optical, SEM and TEM	

## **Application Process:**

Eligible applicants can fill the Google Form (https://forms.gle/SXpN2gYCCiywEZmAA). Documents to be uploaded in the Google form are:

- 1. Latest CV and Photo ID.
- 2. Scanned/Digital copy of degree certificate and grade sheet/transcripts.
- 3. M. Tech. Thesis abstract with publications (if any).

## Selection:

• It is a rolling advertisement. The PI and Co-PIs will evaluate and shortlist the applications received every 15 days until suitable candidates are selected.

• The PI and Co-PIs will shortlist candidates and the selection committee based on eligibility and fit for the advertised position.

• Shortlisted candidates will be called for an online interview. Shortlisted candidates will be informed by email about the interview date and time.

- Candidates with prior relevant experience will be given preference. Joining will be immediate after selection.
- The position will be kept open if no suitable candidate is found.