



**NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL**  
**Warangal- 506004, Telangana, India**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Advt. No. NITW/MED/VPCM/DST-SERB/JRF/2017/**

**Date: 07-08-2017**

**Advertisement for the position of temporary JRF**

Applications are invited from the interested candidates for one temporary position of **Junior Research Fellow (JRF)** to work in a Science and Engineering Research Board (SERB) sponsored Project entitled “**Design and Development of Solar Updraft Tower (SUT) Plant**”.

**Details of qualifications, Emoluments and duration are given below:**

Name of position	Junior Research Fellow (JRF)
Essential Qualifications	First class B. Tech/B.E. in Mechanical Engineering with not less than 60% aggregate or not less than 6.5 CGPA and First class M.Tech/M.E in Mechanical Engineering/Thermal Engg./Heat transfer/CFD/Energy Engg./Ref & AC/Alter. Sources of Energy or any other thermal allied specialization
Desirable requirements	GATE score
Duration	3 Years
Consolidated salary	25,000/- pm for first two years and 28,000/- pm for third year. The selected candidate is eligible for on campus Hostel & Mess facilities at their own expenses.
Other Benefits	The selected candidate is eligible to register for PhD degree at NIT, Warangal.
Outline of work to be performed	Solar energy and its basic parameters; Flow analysis using Ansys-Fluent; simulations of latent heat storage materials; Design, fabrication, selection of materials, instruments and performance parameters estimation of SUT power plant

Interested and eligible candidates may send their application on a plain paper quoting the above advertisement number with complete Bio-data consisting of full name, date of birth, detailed qualifications, experience, contact address, telephone/mobile number and Email ID along with supporting copies of certificates. **Applications should be sent as hard copy by post to the address mentioned below** and scanned copies could be sent by email to **vpcm80@gmail.com** so as to reach by **8<sup>th</sup> September 2017**. The interview date will be communicated to the eligible candidates through e-mail or phone. **No TA/DA will be paid for attending the interview.**

Candidates who are already employed should produce ‘No objection Certificate’ (NOC) from the employer and students should provide provisional degree certificate or its equivalent at the time of interview. The selected candidate is expected to produce a Relieving Certificate from their employer or provisional degree certificate in case of students and join the duties within a week after intimation of their selection else it would be offered to a candidate in waiting list.

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