**Advertisement for a post of Junior Research Fellow (JRF) in SERB Project**

**Ref. No. 273/OUTR, Dt. 08.02.2022**

**A Walk-in-Interview** will be held **18-02-2022** in the **Department of Mechanical Engineering**, **Odisha University of Technology and Research, Bhubaneswar, Techno Campus, Ghatika, Khurda, Pin-751029** at 11.00A.M for engaging one number of **Junior Research fellow (JRF)**for the project “Experimental and numerical investigation of air entrainment into different types of IRS Devices”, based on the numerical analysis using ANSYS Fluent/COMSOL and the experimentation using indigenous experimental set up (Laboratory scale) sponsored by **Science and Engineering Research Board (SERB)**, Govt. ofIndia. The candidates require4d to bring original testimonials/transcripts (i.e., Matriculation, 10+2, B.E/B.Tech, M. Tech/M.E Marksheets, certificates . ***Last moment applicants will not be entertained.*** The details are mentioned below:

|  |  |  |
| --- | --- | --- |
| 1 | Title of the project | Experimental and Numerical Investigation of Air Entrainment into Different Types of Infrared Suppression (IRS) Devices. |
| 2 | Duration | 2 years |
| 3 | Principal/ Co- Principal Investigator | Dr. Ashok Kumar Barik (PI)Dr. Pramod Kumar Parida (Co-PI) |
| 4 | Essential qualification  | B. Tech and M.Tech/M.E in relevant subject (Mechanical Engineering with Thermal/Fluid/Heat Power Engineering specialisation) with minimum 60% marks or equivalent. |
| 5 | Desired qualification | Prior research publication (optional). Candidate with working knowledge of CFDand working skills in ANSYS Fluent software will be given due priority. |
| 6 | Salary | Rs. 31,000/- per month (consolidated) for a period of one years and Rs. 35,0000/- per month (consolidated) per month for next year. |
| 7 | Documents to produce on date of interview | Bio data, all original certificates, mark sheets with two set of photocopies of Aadhar card, all mark sheets (starting from 10th to M.Tech/M.E), and all other relevant documents in support of any experience, research publications etc. |
| 8 | No Objection Certificate | Employed candidate are to submit NOC from his/her employer at the time of interview, and if selected, then they need to produce the relieve order from their parent organisation at the time of joining. |
| 9 | Institute Rights | The institute reserves the right to cancel the recruitment without assigning any reason. A suitable committee constituted by PI/Co-PI will review the progress of the selected candidate time to time to access the progress made. |
| 10 | Agreement signing | Selected candidate shall have to sign an agreement at the time of joining in a non judicial stamp paper for his continuation (based on the progress report) in the project for at least three years of until completion of the project, whichever is earlier. |
| 11 | Enrolment for PhD | The selected candidate mustenrolinto PhD under BPUT/CET so that outcomes of the project will lead to PhD work for the project fellow. |
| 12 | General terms and conditions | The position is purely temporary and engagement is subjected to (i) satisfactory progress made in every three months (ii) disbursal of Science and Engineering Research Board, Govt. of India. |
| 13 | General terms & conditions | No TA/DA will be paid for attending the online interview. |