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

**An online interview** will be held **18-12-2020** in the **Department of Mechanical Engineering**, **College of Engineering and Technology, Bhubaneswar, Techno Campus, Ghatika, Khurda, Pin-751029** at 11.00 A.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. of India. **Due to Covid-19,** the interview will be carried out through online mode, preferably via **GOOGLE MEET.** The **link will be emailed** to those candidates who have sent all the testimonials/transcripts (i.e., Matriculation, 10+2, B.E/B. Tech, M. Tech/M.E Mark sheets, certificates & Application from through the email **IDs: akbarik@cet.edu.in/pkparida@cet.edu.in** two **days before or earlier** the date of the schedule interview. The subject line of the mail is “Application for SERB Project”. ***Last moment applicants will not be entertained.*** The details are mentioned below:

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| 1 | Title of the project | Experimental and Numerical Investigation of Air Entrainment into Different Types of Infrared Suppression (IRS) Devices. |
| 2 | Duration | 3 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 CFD and working skills in ANSYS Fluent software will be given due priority. |
| 6 | Salary | Rs. 31,000/- per month (consolidated) for a period of two years and Rs. 35,0000/- per month (consolidated) per month for third 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 must enrol into 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. |