



**NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)  
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

ADVT NO: NITR/SR/ID-005/WI/263

Dated: 06.12.2017

Walk-in Interview will be conducted for the following assignment in a time bound research project undertaken in the Department of Industrial Design of the Institute on 20<sup>th</sup> December 2017 and Time 11:00 am.

1. Name of the Temporary Post : **Junior Research Fellow – 01**
2. Name of the Research Project : **“Development of an intelligent drone system for pesticide spraying application”**
3. Name of the Sponsoring Agency : **Science and Engineering Research Board (SERB), Government of India.**
4. Tenure of the Project : **03 years**
5. Tenure of the Assignment : **03 years**
6. Job Description : **1)Performing review analysis on UAV in agriculture  
2)UAV concept model design for pesticide spraying  
3)Experimental validation in real time environment  
Candidate may register for higher studies at NIT, Rourkela, if qualifies the Institute criteria**
7. Consolidated monthly compensation / Fellowship : **Rs. 25000/- per month 1<sup>st</sup> and 2<sup>nd</sup> year and Rs. 28000/- per month in 3<sup>rd</sup> year.**
8. Essential Qualifications and experience : **Essential criteria are as per SERB norms: B.E./B.Tech/MCA with NET Qualification (or) M.E./M.Tech in Mechatronics/ Electronics/ Electrical/ Computer Science/ Mechanical Engineering/ Industrial Design**
9. Desirable Qualifications/ Experiences : **Programming in C/C++, Experience on communication networks are desirable**
10. Accommodation : **Bachelor accommodation in the Institute may be provided subject to availability.**

(P.T.O)

11. For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : **Dr. B.B.V.L. Deepak**  
Address : **Department of Industrial Design  
National Institute of Technology, Rourkela-769 008**  
Telephone No : 0661-2462855(O)  
E-mail : bbv@nitrkl.ac.in

*Date and Time for walk-in Interview: 20<sup>th</sup> December 2017 at 11:00 am.*  
*Place of Interview: Department of Industrial Design, NIT Rourkela*

Eligible persons should bring all the original certificates and mark sheets, filled application form in the prescribed format (available in the Institute Website) affixed with colored photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/ mark sheets, publications etc. at the time of interview. Eligible candidates may send their resume via email, mentioned above, in advance.

**Asst. Registrar (SRICCE)**

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
- 2) Dr. B B V L Deepak, Principal Investigator with a request to give wide publicity to advertisement.
- 3) Head, ID Department.
- 4) Project file.