



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2022/Advt-22CS050/L/087 dt.17.03.2023.

Applications are invited in the prescribed format (Online) for the temporary post of “Vishlesan-Chanakya Doctoral Fellow” for the Project entitled “Computer Vision-based Smart Solutions for UAV Remote Sensing Applications through Semantic Segmentation.” Selected candidates may enroll in Ph.D. Program in the **Department of Computer Science & Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/22/CS/050
2.	Name of the Temporary Post	Vishlesan-Chanakya Doctoral Fellow
3.	Name of the Research Project	Computer Vision-based Smart Solutions for UAV Remote Sensing Applications through Semantic Segmentation
4.	Name of the Sponsoring Agency	Vishlesan I-Hub Foundation-IIT Patna (NMCPs-DST)
5.	Tenure of the Project	24 months
6.	Tenure of the Assignment	Initial for a period of 24 months (Extendable to another 12 months upon satisfactory performance)
7.	Job Description	To carry out research work in the field of UAV-based remote sensing images to provide smart solutions for various applications through computer vision techniques. Scope to enroll as a Ph. D. Scholar in the Department of Computer Science & Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation/Fellowship	INR 35,000/- per Month
9.	Essential Qualifications and Experience	M.Tech/ M.E/M.Tech. [R]/M.S. [R] (after B.Tech/ B.E./M.Sc./MCA) in Computer Science and Engineering (CSE)/ IT with 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels OR B.Tech/B.E in CSE with a GATE score and CGPA above 8.0/10 or marks above 65%.
10.	Desirable Qualifications / Exp.	<ul style="list-style-type: none">● Knowledge of Image Processing, Machine/Deep Learning, Computer Vision, and good Programming skills● Prior working experience on Computer vision problems, such as object segmentation, detection, and classification
11.	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.

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

Name	: Dr. Sambit Bakshi
Address	: Department of Computer Science & Engineering, National Institute of Technology Rourkela, Odisha 769 008.
Tel. No.	: 0661-246 2371
Mobile No.	: +91-9778706770
Email	: bakshisambit@nitrkl.ac.in , sambitbaksi@gmail.com

Date and Time for **On-line** Interview: **12.04.2023 at 11:15 HRS**

Place of Interview: **Department of Computer Science & Engineering, NIT Rourkela**
[Details of the online link for the interview will be sent to the shortlisted candidates]

Eligible candidates may apply within **30.03.2023, 23:59 HRS**. The candidates are required to send the complete filled-up application form (Soft copy) to bakshisambit@nitrkl.ac.in (cc to sambitbaksi@gmail.com). The application form is available at the following link: [https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any), etc.

Candidates will build a **Single PDF** file merging the filled application form and CV, which is to be sent to Principal Investigator (bakshisambit@nitrkl.ac.in, sambitbaksi@gmail.com) **on or before 30.03.2023, 23:59 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as the original of all mark sheets and certificates, research papers (if any), experience certificate (if any), etc.] at the time of interview/joining. Selection / Joining will be canceled in case of any suppression of information/document provided earlier.

Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short-listed based on merit and the need of the project.

Sd/-
Asst. Registrar (SR)

Copy to:

- 1) All Heads of the Departments, NIT Rourkela, for publication on departmental notice boards.
- 2) Dr. Sambit Bakshi, PI, with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Computer Science & Engineering (CS).
- 4) Project file.