National Institute of Technology-Kurukshetra
Kurukshetra-136119, Haryana

Advertisement for the Post of JRF for a project funded by Space Applications Centre (ISRO)

Applications are invited for the one post of junior research fellow (JRF) for a Space Application Centre (ISRO) funded research project. The details of the project and the post for recruitment are given below:

Title of the Project	Classification and feature selection of AVIRIS-NG airborne hyperspectral data for crop cover mapping/urban mapping
Project Duration	3 Years (2 year plus one year subjected to JRF is registering for PhD)
Principal Investigator	Dr. Mahesh Pal, Department of Civil Engineering, NIT Kurukshetra
Co-principal Investigator	Dr. Mantosh Biswas, Department of Computer Engineering, NIT Kurukshetra
Monthly Emolument	Rs. 25000/- (fixed) per month. HRA may be paid only in case of non availabilty of institute accommodation and availabilty of funds
Basic Qualifications	ME/MTech in Geomatics/Remote Sensing/Computer Science & Engineering/Computer Engineering (with knowledge of hyperspectral remote sensing/machine learning algorithms including deep learning/image processing) with at least 65% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). Candidate should have undergraduate degree in Engineering (preferably Civil and Computer science)
Age	The upper age limit for JRF shall be 28 years
Application Procedure	Interested candidate should send their bio-data including photograph and signed scan copy of educational qualifications, and **a statement of interest** to Prof. Mahesh Pal (PI), through e-mail, at **mahesh.pal@nitkkr.ac.in** before 20 January 2018 with subject line õ**Application of JRF for ISRO Project: AVIRIS-NG**ö.

Important:

- Candidate with work/project development experience in area of hyperspectral remote sensing especially in classification using advanced machine learning tools and feature selection would be preferred. **Candidate should have good programming skill (like MATLAB/ Python/ C++).**
- **The selected candidate have to register for Ph.D. at NIT Kurukshetra within first year of project duration.**
- No TA/DA is permissible for appearing in the interview and joining in case of selection.
- Appointment will be contractual in nature and as per the Institute terms and conditions for similar cases.
- Only short-listed candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
- The position is temporary and renewable each year subject to satisfactory performance for a maximum of three years.
- **The Institute reserves the right to cancel the recruitment without assigning any reason.**

Prof. Mahesh Pal
(Principal Investigator)