



# DEPARTMENT OF PHYSICS

## MANIPUR TECHNICAL UNIVERSITY

(A University established under the Manipur Technical University Act, 2016)

Takyelpat, Imphal, Manipur- 795004

No.: MTU/PHY/05/2019

01-10-2019

### Recruitment of a Junior Research Fellow for an ISRO-MTU joint project

Applications are invited from suitable candidates for the position of one **Junior Research Fellow** in a 3-year research project entitled "**Development of InSAR based techniques for high resolution surface topography, ice velocity and mass balance studies**", funded by **Space Applications Centre-Indian Space Research Organisation (ISRO), Department of Space, Govt. of India**, under the supervision of Dr. Rajkumar Kamaljit Singh (Principal Investigator).

Specific requirements are given hereunder.

Sl. No.	Post	No. of post	Qualification	Post duration	Emoluments (Consolidated)
1.	Junior Research Fellow	01	<p><b>Essential Qualification:</b> M.Sc. in Physics. Candidates with M.E. /M. Tech. degree in one of the disciplines: Electronics, Computer Science or Remote Sensing and GIS, can also apply. The candidate should have at least a first division (60% and above or the equivalent grade if in grading system) in the qualifying degree. <b>For candidates with M. Tech. degree, either Image Processing, Remote Sensing, Geoinformatics or Satellite &amp; Space communication should be one of their core/elective subjects.</b></p> <p><b>Desirable Qualification:</b> Preferences will be given to those with valid NET/GATE scores, having experience in analysis of earth observing satellite (EOS) data and a good knowledge of one of the computer programming languages (Python, Matlab, C/C++, IDL, FORTRAN90/95).</p>	3 years or coterminous with the project.	<b>Rs. 31,000 + 10% HRA</b> for first two years (JRF) and <b>Rs. 35,000 + 10% HRA</b> for the last year (SRF), if the work progress is satisfactory.

**Nature of job:** The JRF is required to analyse satellite derived high-resolution data and help develop algorithms and modules for generation of surface topography and ice velocity.

## TERMS & CONDITIONS:

- Application in plain paper along with recent passport size photograph, self-attested photocopies of degree certificates and mark sheets with complete bio-data must be sent to "Dr. Rajkumar Kamaljit Singh, Head, Department of Physics, Manipur Technical University, Govt. Polytechnic Campus, Takyelpat, Imphal West- 795004, Manipur" by hand or speed/registered post. On the envelope, please inscribe "Application for the post of Junior Research Fellow for ISRO sponsored project".
- The complete application must reach the above-mentioned address on or before **30 October, 2019 by 4:00 PM.**
- Candidates may send a scanned copy of the same in advance to [kamaljit.rajkumar@gmail.com](mailto:kamaljit.rajkumar@gmail.com) with the subject as "Application for the post of Junior Research Fellow for ISRO sponsored project".
- List of shortlisted candidates and date of interview will be uploaded on the University website ([www.mtu.ac.in](http://www.mtu.ac.in)) and no separate call letter will be issued.
- Original documents of age proof certificates/degrees/mark sheets and other testimonials must be presented at the time of interview.
- Mere fulfilment of the required qualifications and experience does not entitle a candidate to be shortlisted or called for interview.
- The Principal Investigator of the project reserves the right to fill or not fill the position.
- No TA/DA will be paid for attending the interview.

*R. K. Kamaljit Singh*

(Dr. Rajkumar Kamaljit Singh)

Principal Investigator & Head,  
Department of Physics  
Manipur Technical University

