



**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY**

**THIRUVANANTHAPURAM – 695 011, INDIA**

*(An Institute of National Importance under Govt. of India)*

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**WALK-IN INTERVIEW FOR SELECTION TO THE POST OF**

**JUNIOR RESEARCH FELLOW (TEMPORARY)**

For a Research Project entitled “Quantitative estimation of Regional Brain Iron Deposition - A Potential biomarker for Parkinson’s Disease and other Neurodegenerative Conditions Causing Atypical Parkinsonism” (P - 5343)

1. Qualification & Experience  
(Essential) : MSc Physics (First class) with NET qualification  
**OR**  
M Tech in Biomedical Engineering/Image Processing/  
Signal Processing/Computer Science and Engineering/  
Electronics and Communication Engineering
2. Qualification & Experience  
(Desirable) : One Year experience in medical image processing,  
particularly, MR Image processing and MR Physics.  
Experience in using the following programs: MATLAB ITK (Insight  
Tool Kit) Snap Software, FSL Software, SPM (Statistical Parametric  
Modelling), MEDI (Morphology Enabled Dipole Inversion) and  
Radiant DICOM Viewer. Experience with coding in Ubuntu and  
MATLAB.
3. Age Limit as on 31/01/2019 : **35 Years**
4. Number of vacancies : **1 (ONE)**
5. Consolidated Remuneration : **Rs.25,000/- + 20% HRA pm**
6. Tenure of appointment : One Year (Extendable) or till completion of the project,  
whichever is earlier.
7. Brief Job Description : Acquiring and post processing of the MR images  
acquired which involves usage of the software  
mentioned in the above section, drawing of ROIs (Regions of  
interest) in MR images, creation of Masked R2 star map  
images from p files, Manual Segmentation of ROIs,  
quantitative susceptibility mapping (QSM), data management,  
co-ordinating the study and patient visits.
8. Nature of appointment : Temporary (Purely on contract basis)
9. Time and date of Interview : **12.00 noon on 07/01/2019**
10. Venue : **Mini Conference Hall, 3<sup>rd</sup> Floor, AMC Building**  
*Sree Chitra Tirunal Institute for Medical Sciences and  
Technology, Medical College Campus, Trivandrum-11*
11. Reporting Time : **11.00 AM**

Interested and qualified candidates may report for the Walk-in Interview with bio-data, original certificates and copies to prove their age, qualification, experience etc., at the Ground floor of AMC Building, SCTIMST, Medical College P.O, Thiruvananthapuram-695 011.

Sd/-  
DIRECTOR

R & P Cell/59/5343/SCTIMST/2018 dated 18/12/2018  
Notice Board: AMC/Hosp/BMT/Website

Sd/-  
**Administrative Officer.Gr.I**