



University School Of Information, Communication & Technology  
Guru Gobind Singh Indraprastha University  
Dwarka, Sector – 16 C, New Delhi – 110078



Advertisement No.: GGSIPU/USICT/DST-MAIDS/2023/ \_\_\_\_\_

Date: 29<sup>th</sup> November, 2023

**JRF Recruitment in DST Sponsored Project (Reference No. :2023/3300)**

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) in a Department of Science and Technology (DST) sponsored project at USICT, GGSIPU, New Delhi. The details are as follows:

<b>Project Title</b>	Development of AI-based tool for automated 2D-3D comparison of smile photographs with digital dental casts
<b>Number of Positions</b>	01
<b>Principal Investigator (PI)</b>	Prof. (Dr.) Mahesh Verma
<b>Co-PI</b>	Prof. (Dr.) Amit Prakash Singh ,Dr. Ruchi Sehrawat
<b>Project Description</b>	<p>The proposed project is directed towards Development of an Artificial Intelligence based tool for automated 2D-3D comparison of smile photographs with digital dental models. At its core the main objective is to digitally compare 3D scanned images of human dentition with the dentition visible on 2D smiling photographs and develop a computational model for automated detection of closest possible match on comparison of 3D images and 2D photographs of anterior dentition.</p> <p>JRF joining in this project expected to visit various site and collect the data for experiment.</p>
<b>Fellowship</b>	INR 31,000/- per month plus HRA as per the DST guidelines. Updated emoluments, if any, are applicable as per the DST guidelines.
<b>Essential Qualifications</b>	MTech (CSE/IT/ECE) or equivalent degree with a minimum of 60% aggregate score (6.5 grade points on a scale of 10). For SC/ST category, the candidate must have secured a minimum of 55% aggregate score (6.0 grade points on a scale of 10) in masters' degree. In addition, the candidate must have qualified CSIR/UGC NET/GPAT/GATE
<b>Desirable Qualifications</b>	Candidates with experience in Artificial Intelligence, Internet of Things (IoT), Machine Learning & MATLAB are desirable.

**Application Procedure:**

Applications are to be filled ONLINE. Online link for submission of application is available from 06/12/2023 to 16/12/2023 (5 PM).

Candidates must fill online application form at <https://forms.gle/BwcWmKjFt4UttDgM9>

Shortlisted candidates will be called for an interview prior to selection.

**Notes:**

- Selected candidate will be encouraged to join the Ph.D. program of GGSIPU as per university rules.
- No TA/DA shall be paid for attending the interview.

  
(Prof. Amit Prakash Singh)  
Co-PI

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Copy: Incharge, UITS with a request to upload on university website.