



Junior Research Fellow (JRF) Recruitment in DST ASEAN-India Collaborative R&D Scheme Sponsored Project

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) in DST ASEAN-India Collaborative R&D Scheme sponsored project at the Electrical and Electronics Engineering Department, BITS-Pilani, (Pilani campus), Rajasthan. The details are as follows:

Project Title	Artificial Intelligence and Blockchain Enabled Secure and Scalable Framework for Online Healthcare Applications
Project Duration	2 years
Project Investigators	<i>Dr. Vinay Chamola</i> , BITS-Pilani (Link); <i>Prof. Biplab Sikdar</i> , NUS, Singapore (Link); and <i>Prof. Huynh Thi Than Binh</i> , Hanoi University of Science and Technology, Vietnam (Link)
Project Description	This project is aimed at developing Artificial Intelligence and Blockchain Enabled Secure and Scalable Frameworks for Online Healthcare Applications. The Junior Research Fellow (JRF) would get an opportunity to be guided by the project investigators during his tenure. The candidate would work in the BITS IoT Lab (https://bitsiotlab.com/). He would get an opportunity to work on state of the art hardware like Nvidia Jeson Nano, Nvidia Xavier, Xilinx PYNQ-Z2 etc. As a part of the project, the JRF will also get fully funded opportunity of multiple visits to the National University of Singapore and Hanoi University of Science and Technology , Vietnam during his tenure.
Fellowship	Rs. 31,000/- per month + HRA as per DST norms *Note: Non GATE/NET candidates will be considered for Project Associate –I @25000/- pm + HRA
Essential Qualifications	M.E / M. Tech in Electronics Engineering/ Computer Science or Equivalent degree along with GATE/NET qualification. OR MSc in Electronics/ Computer Science/ Physics or equivalent degree with GATE/NET qualification.
Desirable Qualification:	a. Good written and spoken English, some experience of technical writing. b. The candidate must have good prior knowledge and hands on experience of Machine learning.

Application Procedure:

- Candidates should email their CV to the PI (vinay.chamola.nus@gmail.com) by **6th October 2021** with subject of the mail as ‘*Application for JRF position – ASEAN Collaborative R& D project*’.
- They should compulsorily fill in their details at <https://forms.gle/JvC3xVRpsc8warF6> (candidate should log into Gmail and then open this link in a new tab to fill in details)
- Shortlisted candidates will be informed through email for the Online interview (Skype/ Google meet).
- Students having their own funding and who wish to work on this project may feel free to contact the PI.

Notes:

1. **Selected candidate will be encouraged to join Ph.D. program of BITS-Pilani as per institute rules.**
2. For any queries regarding the position, please feel free to email the PI (Dr. Vinay Chamola).
3. The position mentioned is temporary and for the period of duration of the project (2 years).
4. If performance of candidate is found unsatisfactory, position can be terminated with 1-month notice.
5. The interview will be online.

Dr. Vinay Chamola (PI) (<https://www.bits-pilani.ac.in/pilani/vinaychamola/profile>)

