

Advertisement for Junior Research Fellows (JRF) Under DST Funded Project

Applications are invited from motivated and eligible candidates for **Junior Research Fellow** positions (04) in the research project entitle “**Indo-South Korea Joint network Centre for Environmental Cyber Physical Systems**”. Project is interdisciplinary in nature and candidate may get opportunities to work with different collaborators in India and South Korea. Candidates may be deputed at our node partners IIT Roorkee, IIT Kharagpur and IIT BHU as and when required as per the need of project.

The major objectives of the project are to:

- Enhance collaboration between the Indian and South Korean academic institutions.
- Prepare a workforce that is in synchronize with the international developments in environmental cyber-physical systems
- Design and development of various components of the proposed cyber-physical systems.
- Development of low-cost environmental monitoring cyber-physical systems for rural empowerment.

Number of Positions: 04

Stipend: The amount of JRF fellowship will be as per DST norms.

Duration: Initial appointment will be for one year, which is extendable up to the duration of the project solely based on performance (project duration is 3 years).

Eligibility:

Position	Eligibility*
JRF-1	M.Tech./M.Sc./B.Tech in Electronics/ Electronics and Communication/Electrical and Electronics/ Microelectronics/VLSI Design/Computer Science & Engineering and other relevant areas of Science, Engineering and Technologies.
JRF-2	M.Tech./M.Sc./B.Tech in Materials Science/Physics/Applied Physics/Nanotechnology and other relevant areas of Science, Engineering and Technologies.
JRF-3	M.Tech./M.Sc./B.Tech in Electronics/ Electronics and Communication/Electrical and Electronics/ Microelectronics/VLSI Design/Computer Science & Engineering and other relevant areas of Science, Engineering and Technologies. The candidate with good coding skills (Python, Matlab) and knowledge of wireless communication will be preferred.
JRF-4	M.Tech./M.Sc./B.Tech in Agricultural Science and Technology/ Soil Science/Environmental Science and Engineering and other relevant areas of Science, Engineering and Technologies.

*Candidates should have a minimum of 60 % (or equivalent) in graduate and postgraduate levels and valid NET/GATE score in relevant area.

Age limit: 30 years, with relaxation to SC/ST/OBC/Women candidates as per Government of India norms.

How to Apply: Interested candidates are requested to submit a detailed CV to **Dr. Santosh Kumar Vishvakarma**, PI of Project and Associate Professor, Department of Electrical Engineering, IIT Indore via e-mail: skvishvakarma@iiti.ac.in with the subject line “**JRF Application for Indo-South Korean Project**” latest before **5 PM on April 20, 2021**.

Only shortlisted candidates will be intimated by email for an interview. No TA/DA will be paid for appearing in the interview.