

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Electronics and Communication Engineering)

Dated: 29/09/2020

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (**Dr. Pyari Mohan Pradhan**), Dept./Centre: **Electronics and Communication Engineering, Indian Institute of Technology, Roorkee.**

1. Title of project: **Development and development of IoT based smart home automation system**
2. Sponsor of the project: **Sikonic Holdings Co. Ltd, South Korea**
3. Project position(s) and number: **JRF (01)**
4. Qualifications JRF: **M.E/M Tech. in Electronics and Communication/Communication Systems/Signal Processing and Communication Engineering or equivalent with Qualified/Valid GATE Score. The candidate with exposure and interest in wireless sensor network as well as hands-on on sensor nodes and IoT kits will be given preference.**
5. Emoluments: **Rs 31,000 + 8% HRA per month**
6. Duration: **Up to duration of the project**
7. Job description: **The JRF will be involved in the research and development activities related to communication aspect of smart home automation system involving wireless sensor network and IoT. The JRF will work on hardware implementation of communication protocol for transferring data from appliances to server. This work will involve testing of communication protocols on wireless sensor nodes/motes. Based work will also involve design of mobile application for Android and iOS platforms. Based on the performance, the JRF may be considered for PhD enrolment subject to eligibility as per the institute norms.**

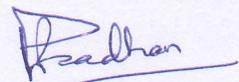
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email or by post:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

Note: The selected candidate may get an opportunity for Ph.D admission.

The last date for application to be submitted through email or reach by post to the office of Principal Investigator is **16 October 2020 by 5 PM**. The interview will be held on **19 October 2020 at 11:00 AM through Webex (online)**. Only selected candidates will be notified.

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*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved
Mansh

प्रधान (SRIC) Dean (SRIC)