

Ref.:

Date:

CIRCULAR

Applications are invited in prescribed form for the following project-linked posts in the "Mobile Computing and Innovative Applications Programme" under the UGC funded "University with Potential for Excellence - Phase II" scheme of Jadavpur University. All posts are purely temporary and their duration is indicated below. Applicants are required to clearly mention the code number of the post they are applying for in their application.

A. Mobile Computing

1. Project Fellow - 1 Post (Code: MCPF)

Salary: Rs 14,000 per month + 30 percent HRA

Essential Qualification: Graduate in any discipline with Diploma in Computer Applications or equivalent; the age limit is 40 years as on 1 July, 2012

Desirable Qualification: More than 5 years experience of setting up of hardware and software laboratory, system and/or network administration, and assisting in such laboratories in the context of Mobile Computing.

2. Junior Research Fellow - 5 posts (Code: MCJRF)

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification:

(i) B.E/B.Tech in Computer Science & Engineering or Information Technology or Electronics and Communications Engineering or equivalent or MCA with at least 55 per cent marks and GATE / NET / SLET qualification/two years of research experience

OR

M.E/M.Tech in Computer Science & Engineering or Information Technology or Electronics Engineering or equivalent

(ii) The age limit is 40 years as on 1st July, 2012

Note: B.E/B.Tech in Computer Science & Engineering or Information Technology or Electronics and Communications Engineering or equivalent or MCA with at least 55 per cent marks but without GATE may apply but if selected then the salary will be Rs 14,000 per month + 30 per cent HRA + Rs 300 (Medical)

Desirable Qualification: (i) Experience of research in the field of Mobile Computing, Communications and Networks.

3. Course Administrator (Code: MCCA)

Salary: Rs 20,000 per month (Consolidated)

Essential Qualification: (i) Bachelor's degree in Computer Science & Engineering or Information Technology or Electronics Engineering or equivalent with at least 55 per cent marks; (ii) Experience in computer and electronics industry

Desirable Qualification: (i) Good amount of experience in administration, conducting different levels of courses including certificate courses and managing learning centres.

B. Innovative Applications

1. Low-Power ASIC-VLSI Implementation Of Secure And Authentication Algorithms For Defense Application (Code: MIAJRF-1)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the "Essential Qualification" mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of VLSI, Computer Security.

2. Call Admission Control for the Optimization of Resource Utilization (Code: MIAJRF-2)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the "Essential Qualification" mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Mobile Communication and Networks.

3. Brain-Computer Interfacing for Rehabilitative Applications (Code: MIAJRF-3)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: (i) M.E / M.Tech in Biomedical Engineering or Electronics and Communications Engineering; (ii) The age limit is 40 years as on 1st July, 2012

Desirable Qualification: (i) Experience of research in the field of Soft Computing.

4. Application Of Case Based Reasoning In Signature Authentication To Prevent Fraudulent Transaction (Code: MIAJRF-4)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the “Essential Qualification” mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Image Processing, Computer Security.

5. In Search Of Suitable Methods For Cluster Seeking And Data Mining (Code: MIAJRF-5)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the “Essential Qualification” mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Data Mining and Clustering.

6. QoS Aware Resource Brokering in Cloud Infrastructure (Code: MIAJRF-6)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the “Essential Qualification” mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Grid and Cloud Computing.

7. Cache Memory Management In Mobile Database Management System (Code: MIAJRF-7)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the “Essential Qualification” mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Mobile Databases.

8. Foss Based Technology for Smart Handhelds (Code: MIAJRF-8)

Junior Research Fellow - 1 post

Salary: Rs 16,000 per month + 30 per cent HRA

Essential Qualification: Same as the “Essential Qualification” mentioned for the post with code **MCJRF**

Desirable Qualification: (i) Experience of research in the field of Open Source Technology.

Application forms are obtainable from the Information Office of the University during working hours (11 am to 4 pm) from Monday to Friday except holidays on payment of Rs.50. The applicant has to appear for a walk-in interview with completed application form and attested copies of all the relevant certificates and mark-sheets. All selected candidates will have to produce completed results at the time of joining. The walk-in interview will be held on July 23, 2012.

Venue: School of Mobile Computing and Communications, Mobile Computing Building, Jadavpur University, Salt Lake Campus.

Time:

11:00 a.m. (For posts with code MCCF and MCCA)

12:00 noon (For other posts)

All appointments are initially up to 31 March 2014 with possibility of renewal subject to satisfactory work and/or continuation of the project.