



Job Openings in Indian Digital Heritage (IDH-Hampi) Project

Applications are sought for three **Junior Research Fellows (JRFs)** leading to Ph.D. position at DA-IICT and SVNIT, to work on research project sponsored by Department of Science and Technology, Govt of India. Candidates may visit the project website at http://intranet.daiict.ac.in/~mv_joshi/ for information about the overall project activities.

Position: Junior Research Fellow (JRF) leading to Ph.D.

Total number of posts: 03

Project title: Immersive Navigation for walk through application. (Sponsored by DST in the category of India Digital Heritage for the site Hampi-Karnataka.)

Summary of the project

The project has two parts. Part I of the project aims at developing high quality digital immersive viewing system in terms of both the video and audio for the heritage site in Hampi-Karnataka. The second part concentrates on the acoustic analysis/synthesis of musical pillars of the Mahamandapam of Vitthala temple.

Required qualifications

- M.E./M.Tech. in Computer Science and Engineering or Electronics and Communication Engineering or a related discipline
- OR
- B.E./B.Tech. Computer Science and Engineering or Electronics and Communication Engineering (or a related discipline) and GATE qualified in related discipline.
- Background in Image Processing/Computer Vision/Digital Signal Processing/Speech Communications/Acoustics and knowledge of MATLAB/C/C++ will be an added advantage.

Duration: 3 years (with an initial appointment for one year and possible renewal for two more).

Location: Two JRFs will be working at DA-IICT, Gandhinagar and one will be working at SVNIT, Surat.

Salary: Compensation includes a salary of

- Rs 18,000 per month + HRA if applicable for M.E./M.Tech. qualified for first two years and Rs 20,000 per month + HRA if applicable for third year.
- Rs 16,000 per month + HRA for B.E./B.Tech. Degree for first two years and Rs 18,000 per month + HRA if applicable for third year.

The candidates recruited for the above position are encouraged to register for the Ph.D. programme at DA-IICT within 1 year from the date of joining.

How to apply

Please send a CV (including a list of publications, if any) and a Statement of Purpose (SOP) by e-mail to any **ONE** of the following depending on the area.

1. Image Processing and Computer Vision:

Dr Manjunath Joshi, DA-IICT, Gandhinagar; e-mail: mv_joshi@daiict.ac.in

Homepage: http://intranet.daiict.ac.in/~mv_joshi/

Or

Dr Mukesh Zaveri, SVNIT, Surat.

e-mail: mazaveri@gmail.com

2. Speech signal Processing and Acoustics:

Dr Hemant A. Patil, DA-IICT, Gandhinagar; e-mail: hemant_patil@daiict.ac.in

Homepage: http://intranet.daiict.ac.in/~hemant_patil/

Last date for receiving applications: **15 April 2011**