

**ADVERTISEMENT FOR THE POST OF RESEARCH ASSOCIATE (RA) FOR DST
SPONSORED RESEARCH PROJECT AT CSED**

Applications are invited for the post of Research Associate (JRF) to work for DST funded research project in Computer Science and Engineering Department at Thapar Institute of Engineering and Technology, Patiala.

PROJECT DETAILS:

Title : Automatic generation of sign language from Hindi text for communication and education of hearing impaired people

Post : **One Research Associate (JRF)**

Qualification : ME/MTech in Computer Science and Engineering or equivalent / MCA

Duration : **1 year** (up to the length of project)

Fellowship : Rs. 25,000+HRA per month

SKILLS REQUIRED:

A potential candidate should have knowledge of following:

- Back end : PHP, MySQL (specially queries involving various types of joins), basic understanding of Apache server (use of .htaccess for caching).
- Front end : HTML5, CSS, Twitter Bootstrap, JQuery
- Strong understanding of AJAX and nature of JavaScript in general
- Experience of Mobile App development
- Basic understanding about working of parsers and full stack development using above mentioned technologies.
- Basic understanding of GIT for source control management
- Basic understanding of data exchange formats such as JSON and XML.
- Have good publications in Scopus/SCI
- Have knowledge about networking (GET and POST requests), implementing APIs, using developers console and WebGL may be useful in debugging.
- Willingness to learn new things as and when required to solve a problem.
- Any experience on similar project on Sign Language Generation, knowledge of HamNoSys or Gate/UGC Net qualified will be added advantage.

KEY RESPONSIBILITIES:

- To develop Sign Language portal. To have a look please visit www.islfromtext.in
- To help write research papers.
- To maintain project related documentation

Apply: If you have desire to make an impact in the life of millions through technology then send your CV on or before 23rd May 2018 at parteek.bhatia@thapar.edu

Dr. Parteek Bhatia

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