



राष्ट्रीय प्रौद्योगिकी संस्थान मेघालय

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

(An Institute of National Importance under MHRD)

Bijni Complex, Laitumkhrah, Shillong-793003

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Website: <http://2018nitm.nitmeghalaya.in/>

Advt.No:NITMGH/ES/SERB-DST/EC/87/2018-19/ 2082

Dated: 20/08/2018

Recruitment of one position of Junior Research Fellow to work on a Research Project funded by Science and Engineering Research Board (SERB), Govt. of India, undertaken in the Department of Electronics and Communication Engineering, NIT-Meghalaya through Walkin interview on 14-09-2018 from 9: 30 am onwards in the Conference room at NIT Meghalaya, Bijni Complex, Laitumkhrah, Shillong – 793003.

- 1. Name of the Temporary positions:** Junior Research Fellow (JRF) leads to PhD
- 2. Number of positions:** 01 (One)
- 3. Name of the Research Project:** "Phonetic and Prosodic Analysis of Khasi Language"
- 4. Name of the Sponsoring Agency:** *Science and Engineering Research Board (SERB)*, GOI, Reference No. ECR/2017/003169
- 5. Duration of the Project:** 03 Year. Though the project is of three years duration, the **initial appointment is for one year**, which is extendable up-to completion of the project or end of the project duration, whichever is earlier. The extension of engagement will be solely based on the performance of the candidate. During this extension, the candidate may be allowed to register for PhD under this work.
- 6. Job Description:** This work involves preparation of Khasi language database; finding of phonetic features from Khasi speech utterances and classification of phonemes; development of algorithms for finding of prosodic information such as pitch, loudness, duration, and timbre with the acoustical correlates fundamental frequency, energy, length of phone, and spectral characteristics etc.
- 7. Salary :**Consolidated monthly compensation / Fellowship: Rs. 25,000/- per month
- 8. Accommodation:** Bachelor accommodation in the Institution hostels

9. Essential Qualifications and experience: M.E./M.Tech in Electronics, Electronics and Communication, Computer Science and Engineering, Information Technology or equivalent degree to perform requisite simulation and experimental work.

10. Desirable Qualifications/ Experiences: The candidate with sound knowledge in Signal Processing, Probability Theory and Linear Algebra is preferred. Programing skills in C++/MATLAB/PYTHON will be given added preference.

Terms and Conditions:

1. The above position is purely contractual for a period of 01 year.
2. No TA/DA will be paid for attending the interview or for joining.
3. Candidate must come with all original documents and submit his/her signed hard copy of the application and self attested copies of documents at the time of interview. All original documents should also be submitted for verification if selected.
4. The selected candidate should join within a week from the date of intimation of selection.
5. For any clarifications

Sd/-

Dr. Ch. V. Rama Rao

Principle Investigator (SERB, DST Sponsored project)

Assistant Professor & HoD, Department of ECE

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