Advanced Centre of Research in High Energy Materials (ACRHEM)

University of Hyderabad, Hyderabad 500 046, Telangana, INDIA



Ref: UoH/ACRHEM/2021/SVR/RA-Project #24 Date: 20 June 2021

Applications are invited from eligible candidates for a **Research Associate-I**, **position** <u>purely on temporary basis</u>, in the ACRHEM project (#24) entitled **Surface Enhanced Raman Spectroscopic studies for explosives detection** [sanction order # ERIP/ER/1501138/M/01/319/D(R&D)].

| Designation | Qualifications & Specialization | |
|-------------|---|--|
| Research | Essential: | |
| Associate | a) Ph.D. in Physics (Optics and laser spectroscopy related topics) | |
| (1 post) | b) Knowledge in surface enhanced Raman spectroscopy (SERS) | |
| | technique | |
| | c) Experience in analysis and classification of SERS spectra of different | |
| | hazardous materials | |
| | Desirable: | |
| | a) UGC CSIR NET/JRF | |
| | b) Minimum 3 first author publications/patent | |
| | c) Knowledge of high energy materials | |
| | d) Experience in handling ultrafast lasers and spectrographs | |
| | Job Requirement: Preparation of SERS substrates using ultrashort laser pulses | |
| | and/or various chemical methods followed by the SERS studies. | |

Stipend/Remuneration:

| Research Associate | Rs. 47,000 + 24% HRA |
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Tenure of the post: The position is <u>initially for a period of six months year</u> and further extension (of another six months) will be sanctioned based on performance, mutual consent and a review by external experts.

Interested and qualified candidates with good academic records are requested to send their <u>applications along with detailed Curriculum Vitae by e-mail</u> (with subject **Application for the post for RA** at ACRHEM, July 2021), by e-mail to: **soma_venu@uohyd.ac.in OR somavenu@gmail.com OR soma_venu@yahoo.com** on or before **20/07/2021**. The <u>short-listed candidates will be informed by e-mail to attend an interview (ONLINE)</u> on **22/07/2021**.

NB: (1) The appointment will not carry any weightage or claim or whatsoever for a permanent absorption in the university and without any liability on the part of the university (2) No TA/DA or any other allowance will be paid for attending the interview.

Signed Prof. S. Venugopal Rao (PI, ACRHEM)