

**Advanced Centre of Research in High Energy Materials (ACRHEM)**  
University of Hyderabad, Hyderabad 500 046, Telangana, INDIA



Ref: UoH/ACRHEM/2021/SVR/RA-IOE  
Date: 14 Dec 2020

Applications are invited from eligible candidates for a **Research Associate**, position purely on temporary basis, in the IoE (Institute of Eminence) project entitled **Rapid Detection of Hazardous Materials using Robust, Versatile, Cost-effective SERS Substrates and Portable Raman Spectrometer** [sanction order UOH/IOE/RC1/RC1-20-016 dated 07 December 2020].

Designation	Qualifications & Specialization
Research Associate (1 post)	<b>Essential:</b> <ul style="list-style-type: none"><li>a) Ph.D. in Physics (Optics and laser spectroscopy related topics)</li><li>b) Knowledge in surface enhanced Raman spectroscopy (SERS) technique</li><li>c) Experience in analysis and classification of SERS spectra of different materials</li></ul> <b>Desirable:</b> <ul style="list-style-type: none"><li>a) UGC CSIR NET/JRF</li><li>b) Minimum 3 first author publications/patent</li><li>c) Knowledge of high energy materials</li><li>d) Experience in handling ultrafast lasers and spectrographs</li></ul> <b>Job Requirement:</b> Preparation of SERS substrates using ultrashort laser pulses and/or various chemical methods followed by the SERS studies.

**Stipend/Remuneration\*:**

Research Associate	Rs. 60,000 gross
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\*Based on the [guidelines of the IoE directorate](#) the fellowship is fixed at 60,000 INR for the first two years and 70,000 INR for the third year.

**Tenure of the post:** The position is *initially for a period of one year* and further extension **may** 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 applications along with detailed Curriculum Vitae by e-mail (with subject **Application for the post for RA (IoE)** at ACRHEM, December 2020), by e-mail to: [soma\\_venu@uohyd.ac.in](mailto:soma_venu@uohyd.ac.in) OR [somavenu@gmail.com](mailto:somavenu@gmail.com) OR [soma\\_venu@yahoo.com](mailto:soma_venu@yahoo.com) on or before **01/01/2021**. The short-listed candidates will be informed by e-mail to attend an interview (ONLINE) on 04/01/2021.

**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.

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**Prof. S. Venugopal Rao (PI, ACRHEM) and Prof. S.V.S. Nageswara Rao (Co-PI, CASEST, SoP)**