

University of Hyderabad

School of **Physics**

ADVERTISEMENT NO: [UH/SoP/PPK/ARDB-GTMAP/RA/01](#)

Date: [23 September 2024](#)

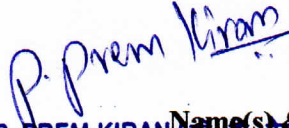
1. Applications are invited from eligible candidates (Indian Nationals only) as per the attached format (*Form B*) for the following position(s) in the research project “Laser Shock Peening of Inconel-718 Aero-engine alloys (GTMAP)”


1	Name of the Post	Research Associate (RA)
2	Number of positions	ONE (01)
3	Fellowship/Stipend	Rs 58,000/- per month.
4	HRA, if applicable	27% of Fellowship per month.
5	Tenure of the Post	Till 08 June 2025 with monthly progress reviews. Unsatisfactory progress will lead to termination of the fellowship.
6	Essential Qualifications	<p>a) Ph.D. (in in Material Science/Materials Engg/Metallurgical Engineering/ Manufacturing/ or allied subjects)</p> <p style="text-align: center;">OR</p> <p>ME/M.Tech (in Metallurgical and Materials Engineering/Metallurgical Engineering/ Materials Science/or allied subjects) with three years R&D experience from date of completion of ME/M.Tech. as on the last date of application.</p> <p>b) Ph.D. thesis submitted are also eligible for RA'ship. Selection in such cases will be subject to the condition that PhD viva-voce done & declared qualified for award of PhD/awarded PhD degree before the expiry of the validity of the award offer.</p> <p>c) A two-page draft on the experimental work carried out with characterization skills such as SEM/TEM/XRD/EBSD, etc., should be attached with the application.</p> <p>d) The applicant must have a minimum four (4) research publications/Conference presentations with at least one first author publication in standard refereed journals as listed in Journal Citation Reports (JCR).</p>
7	Desirable Qualifications and Experience	<p>(a) Skilled in material characterization such as XRD, FE-SEM, optical microscopy, hardness to name a few.</p> <p>(b) Thesis/Project relating to Experimental Characterization of Nickel Superalloys will be strongly considered</p>
8	Age Limit	≤32 years as on the last date of application, with relaxation up to 5 years in the case of applicants belonging to scheduled castes/scheduled tribes, physically handicapped and women applicants whereas 3 years in case of OBC (Non-Creamy Layer candidates).

P. Prem Kiran

9	Accommodation	Accommodation will not be provided by the University to RA.
10	Joining mandates	Selected candidate has to physically report to the PI on/before 31 st October 2024, failing to do so the appointment stands cancelled automatically. Candidate has to work from the University of Hyderabad campus during the entire tenure of the position.

2. Applicants should note that the appointments to be made are purely temporary and they have no right to claim for any Ph.D. position or a regular appointment in the University.
3. No TA/DA will be paid for attending the interview or at the time of joining.
4. Self-Attested copies of all certificates in support of the information furnished in the application should be enclosed.
5. Last date for receipt of filled-in applications either by post or by email is: **14 October 2024.**
6. For technical information on the project, interested candidates may contact the Principal Investigators of the project: Prof. J.P. Gautam (jaiprakashgautam@uohyd.ac.in) and/or Prof. P. Prem Kiran (prem@uohyd.ac.in) over email.
7. The interviews of the eligible candidates will be held in person for candidates stationed in Hyderabad. For the eligible out-station candidates it will be held via Google meet. **The interview call / link will be shared with the eligible candidates only.**
8. The decision of UoH in the selection of the candidates is final.
9. **The selected candidate will be working with Prof. Jai Prakash Gautam, School of Engineering Sciences & Technology, University of Hyderabad.**
10. Address to which the applications should be sent over email:
Prof. J. P. Gautam
School of Engineering Sciences and Technology, University of Hyderabad
Prof. C.R. Rao Road, Gachibowli, Hyderabad – 500046.
e-mail: jaiprakashgautam@uohyd.ac.in with a CC to prem@uohyd.ac.in
Clearly mention the advertisement No: in the subject of the email without fail.


Dr. P. PREM KIRAN / श्री. पी. प्रेम किरान
Professor / प्रोफेसर
School of Physics / भौतिकी संकाय
University of Hyderabad / हैदराबाद विश्वविद्यालय
Hyderabad-46. / हैदराबाद-४६. Bharat / भारत


Dr. Jai Prakash Gautam
Professor, SEST
University of Hyderabad
Hyderabad-500 046.

To

1. Web Master, UoH - with a request to place in the University website.
2. All Notice Boards in the University of Hyderabad.
3. All reputed research institutions in related area of the Project—for display on notice boards.