

University of Hyderabad

School of **Physics**ADVERTISEMENT NO: UH/SoP/PPK/CHESS-CARS-SDD-G/SRF (OR) RA-I/01Date: 03 Oct 2025

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 “Studies on evaluation of optimum Laser Pulse power for Ground Based Space Debris Deorbitation: Numerical simulations and experimental studies”

1	Name of the Post	Senior Research Fellow (SRF) <u>OR</u> Research Associate-I (RA-I)
2	Number of positions	ONE (01)
3	Fellowship/Stipend	For SRF: Rs.42,000/- per month. For RA-I: Rs. 58,000/- per month.
4	HRA, if applicable	27% of Fellowship per month or as per norms.
5	Tenure of the Post	Initially for Six months. Extendable depending on the progress reviewed quarterly. Unsatisfactory progress will lead to termination of the fellowship.
6 (A)	Essential Qualifications for SRF	a) Master of Science in Physics/Applied Physics/ or allied subjects from reputed University/ Institution in India with $\geq 55\%$ marks. b) A valid CSIR-UGC-NET including lectureship (Assistant Professorship) / GATE score. c) At least two years of research experience in the field of high pulse laser-matter interactions in the area of either experimental or numerical simulations.
6 (B)	Essential Qualifications for RA-I	a) Ph.D. (in Physics/Optics/Photonics/ or allied subjects) OR ME/M.Tech (Photonics, Computational Techniques/Lasers with THREE years R&D experience from date of completion of ME/M.Tech. as on the last date of application. 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. c) The applicant must have a minimum Three (3) research publications/Conference presentations with at least one first author publication in standard refereed journals as listed in

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		Journal Citation Reports (JCR). d) At least two years of research experience in the field of high pulse laser-matter interactions.
7	Desirable Qualifications and Experience	(a) Skilled in experimental studies on pulsed-laser matter interaction, Plasma characterization, Basic numerical simulations (b) Skilled in Scientific Computing tools such as MATLAB
8	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 07 th November 2025. 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. <u>Options to work online are not available.</u>

- Applicants should note that the appointments to be made are purely temporary and they have no right to claim for any regular appointment in the University.
- No TA/DA will be paid for attending the interview or at the time of joining.
- Self-Attested copies of all certificates in support of the information furnished in the application should be enclosed.
- Last date for receipt of filled-in applications either by post or email is: 24 Oct 2025 before 5:00 PM**
- For technical information on the project, interested candidates may contact the Principal Investigators of the project: Dr. P. Prem Kiran (prem@uohyd.ac.in) and Dr. Ashoka S. Vudayagiri (ashok_vs@uohyd.ac.in)
- The interview will be held via Google-meet on **29 October 2025 9:30 AM onwards**. The link will be shared with the shortlisted candidates only.
- The decision of UoH in the selection of the candidates is final.
- Address to which the applications should be sent either by post or over email:

Dr. P. Prem Kiran
School of Physics,
University of Hyderabad,
Prof. C.R. Rao Road,
Gachibowli, Hyderabad – 500046.

e-mail: prem@uohyd.ac.in cc to ashok_vs@uohyd.ac.in

- Clearly mention the advertisement No: on the envelope/in the subject of email without fail.

P. Prem Kiran
03 Oct 2025
Dr. P. Prem Kiran
Professor
School of Physics
University of Hyderabad
Hyderabad-500 046. (TS) INDIA

Ashok Vudayagiri
31 Oct 2025

Dr. Ashok Vudayagiri
Associate Professor
School of Physics
University of Hyderabad
Central University P.O.
Hyderabad-500 046.

Name(s) & Signature(s) of the Project Investigator(s)

To

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

Application for Position in the Project

UNIVERSITY OF HYDERABAD P.O. Central University Campus, Gachibowli Hyderabad – 500 046., Telangana, INDIA		
Application fee payment details:	Not Applicable	Paste Recent Photograph
Post Applied for: Notification No & Date:	

Personal Details:			Proof enclosed Sl. No.
1	Full Name (as in SSC certificate)		
2	Gender (Male / Female)		
3	Date of Birth & Age (<i>as on last date of the Notification</i>)		
4	Father's Name		
5	Nationality		
6	Community (General / OBC / SC / ST / PWD)		
7	Married / Unmarried		

Candidate's Name & Address for correspondence :		
	Mailing address	Permanent address
Name		
Address with PIN Code		
Email:		
Phone No.		
Mobile No.		
Fax No.		

Present position held, if any:			
Name of the University / Institution	Name of the Position and Salary Details	Nature of Job	Proof encl. no.

Educational Qualifications							
Name of the Examination passed	Name of the Board / University	Month & Year passed	Division /Class	% of Marks	CGPA (if grading is applicable)	Subjects studied	Proof Encl. No.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

Experience (Including present position / employment)						
Designation & scale of pay	Name & Address of the Employer	Period of Experience			Nature of work	Proof encl. Sl.no.
		From date	To date	No. of years/ Months/days		
(a)	(b)	(c)	(d)	(e)	(f)	(g)

Names & complete postal addresses of 2 referees :			
Email :		Email:	
Phone (Landline) with STD Code :		Phone (Landline) with STD Code :	
Mobile Ph:		Mobile Ph:	

Declaration: I hereby declare that all the entries made by me in this application are true to the best of my knowledge and belief. If anything is found false at any stage, my candidature may be cancelled without assigning any reason thereof.

Date: _____

Signature of the applicant