



DEPARTMENT OF APPLIED OPTICS & PHOTONICS
UNIVERSITY OF CALCUTTA
TECHNOLOGY CAMPUS

JD - 2, Sector -III, Salt Lake, Kolkata - 700106, INDIA

ফলিত আলোক বিজ্ঞান ও ফোটনপ্রযুক্তিবিদ্যা বিভাগ

Walk-in interview for the post of a JRF in an ANRF/ARG project
Sanction code - ANRF/ARG/2025/002660/PS
Walk-in interview date and time - 25/08/2026, 2.00 pm

Project Title: Parametric up-conversion of near and mid-IR optical radiation for hyperspectral photometry and imaging in astronomy and solar observations

PI: Prof (Dr) Goutam Samanta, Physical Research Laboratory, Ahmedabad

Co-PI: Dr Kanik Palodhi, Assistant Professor, Department of Applied Optics and Photonics

Objective - Performances of optical sensors or imaging devices have been studied for quite some time using optical simulation techniques. The main objective of the project will be to concentrate on the design aspects of an optical system inside a segmented surface to study the effects of optical imaging.

Name of the position	Junior Research Fellow (JRF)
Number of position(s)	One (1)
Duration of the project	Five (5) years
Emoluments and other eligibility criteria	As per ANRF/ARG project and DST norms
Educational qualifications	Essential: ME/MTech in Optics and Optoelectronics or related discipline with a minimum of 60% aggregate score Desirable: Knowledge of optical design using dedicated software simulation tools, optical instrumentation, practical knowledge on telescopic systems.

Interested candidates are requested to attend the interview on 25/08/2026 at 2.00 pm in the Department of Applied Optics and Photonics, University of Calcutta, JD-2, Sector-III, Salt Lake, Kolkata - 700106. Each candidate should carry a detailed CV describing their educational qualifications and work experiences, all the relevant certificates and marksheets in original and other relevant documents.

General terms and conditions:

- The decision regarding the recruitment of the selection committee will be absolute and final.
- No TA/DA will be paid to the candidates.
- The selected candidate need to join immediately upon the receipt of the offer.

Dr. Kanik Palodhi

Dr. Kanik Palodhi
Co-Principal Investigator
Dept. of Applied Optics & Photonics
University of Calcutta
ANRF-ARG Project

*Parametric up-conversion of near and mid-IR optical radiation...
No. ANRF/ARG/2025/002660/PS
Scheme Code-4211