

Office of Dean, Faculty Affairs

Advertisement No. Rolling Advt. No.: IISERBPR/DoFA/PDRF/2023/01

Date: 02.02.2023

Name of the position	Post-Doctoral Research Fellow
No. of position	01
Type of engagement	Temporary
Name of the Project	Research in the field of adaptive optics scanning ophthalmoscopy in the Department of Physical Sciences
Funding Agency	Indian Institute of Science Education and Research, Berhampur
Principal investigator (PI) with contact details	Dr. Vyas Akondi Department of Physical Sciences IISER Berhampur Email: vakondi@iiserbpr.ac.in
Qualification and Experience	Ph.D. in optics, biomedical optics, or a related field. Effective communication skills, experience with MATLAB and/or Python, and Zemax software are highly desirable. The applicant should have the ability to work in a team. Any experience with adaptive optics and visual optics is a plus.
Period of engagement	1 year (extendable based on performance and funding availability)
Fellowship/Remuneration per month (₹)	As per institute norms
Job duties	<ol style="list-style-type: none">1. Develop a high-resolution adaptive optics scanning laser ophthalmoscope for imaging the living human retina.2. Research on novel methods for wavefront sensing and adaptive optics correction.3. The position will provide opportunities for advancing the applicant's career (teaching, research, and professional development).
Last date of applications	A detailed CV (pdf file < 10 MB) and a research statement containing the background and motivation for research as a single pdf file to be sent to the PI @ vakondi@iiserbpr.ac.in latest by 28th Feb 2023 with the subject line "Application for PDRF position". For any technical information, candidates are free to contact the PI on Email.
Interview	The date of interview will be informed later to the shortlisted candidates through Email/phone. The interview will be conducted online via Google Meet or Zoom platform .



Signature of the Principal Investigator