

**DEPARTMENT OF PHYSICS**  
**INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD**  
**KANDI, TELANGANA- 502285**

Date:- 16/05/2024

**Research Associate (Postdoctoral Fellow) at IIT Hyderabad**

The Indian Institute of Technology, Hyderabad, invites applications from eligible candidates for two **Research Associate (postdoctoral fellow) positions** at the Department of Physics, IIT Hyderabad.

**Details about the Advertisement**

<b>Position</b>	Research Associate (Postdoctoral Fellow)
<b>Number of posts</b>	Two
<b>Name of the Project</b>	<i>Development of Dynamic Beam Engineering Technology for Laser-Assisted Advanced Manufacturing System</i>
<b>Essential qualification</b>	Ph.D. degree in the relevant area of Physics/Electrical Engineering/Mechanical Engineering with specialization/research experience in Photonics/Optics/lasers and Laser assisted systems and applications.
<b>Desirable</b>	Candidates with research/industrial experience in the field of photonics, fiber optics, lasers will be given an advantage. Expertise in advanced numerical simulation in ultrafast optics/nonlinear optics and experimental experience in Fiber laser/optics are highly desirable. Working knowledge in AI/ML, experience in system integration, controls, automation, and prior experience in laser-assisted system such as manufacturing are preferable.
<b>Age Limit</b>	The upper age limit shall be 35 years, and age relaxation as per GoI norms
<b>Stipend</b>	INR 61,000/- per month + 27 % HRA (as per DST norms)
<b>Duration</b>	<b>One Year (Initial Contract)</b> <b>Note:</b> The original agreement is for one year. Subject to satisfactory performance, the contract can be extended to two more years or till the completion of the project.
<b>Important Dates</b>	<b>Last Date of Application :</b> 15 <sup>th</sup> June 2025 <b>Tentative date of Interview :</b> 20 <sup>th</sup> June 2025 <b>Announcement of Results :</b> 25 <sup>th</sup> June 2025 <b>Expected Joining Date :</b> 1st <sup>th</sup> July 2025
<b>Mode of Selection</b>	Selection will be based on the candidate research profile and the performance at the Interview. Only the shortlisted candidates will be called for interview. The selection committee's decision will be final.
<b>How to Apply :</b>	Interested candidates may apply through <a href="https://tinyurl.com/2rwhxuz4">https://tinyurl.com/2rwhxuz4</a> or scan the QR code.  <b>Address for Correspondence</b> Dr. Nithyanandan Kanagaraj Assistant Professor, Dept. of Physics IIT Hyderabad, Telangana -502284 Email : <a href="mailto:nithyan@phy.iith.ac.in">nithyan@phy.iith.ac.in</a> Homepage : <a href="https://nithyanandan.com/">https://nithyanandan.com/</a>

