

SUMMER TRAINING IN PHYSICS AND CHEMISTRY-2025
INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH,
KALPAKKAM, TAMILNADU



CERTIFICATE

This is to certify that the internship report entitled "**Shaping light, Guiding Matter: Exploring Optical Trapping of Mesoscopic objects**" is an authentic record of the work carried out by **Md Majid Hussain** of Indian Institute of Engineering and Science Technology, Shibpur as a part **Summer Training in Physics (STIPAC-2025)**, carried out under the auspices of the Materials Science Group, Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu.

The project was conducted under my supervision during the period **28th May 2025 to 9th July 2025**. During this period, he exhibited sincerity, a keen interest in research work.

In addition to the report, he successfully delivered a presentation on the project and actively participated in question-and-answer session, demonstrating good understanding and effective communication skills.

Project Guide

Deepak Kumar Gupta 9/07/2025
Dr. Deepak Kumar Gupta
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