

## भारतीय प्रौद्योगिकी संस्थान रूड़की

भौतिकी विभाग

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## Letter of Recommendation for Mr. Arjit Chaubey

## TO WHOM IT MAY CONCERN

It is my immense pleasure to write this recommendation letter for Arjit Chaubey.

I have been working as an assistant professor in the Indian Institute of Technology, Roorkee for over four years now. Arjit has performed research on the quantum aspects of Young's double slit experiments for four months under my guidance. He has experimented on monochromatic and dichromatic light rays and calculated the wavelengths and frequencies of these rays using the superposition principle. We authored a research paper based on these results, and publised it in IIT's physics journal.

While working with me, Arjit has shown incredible knowledge in the subject of physics beyond his regular school academics. The passion he holds for research is a very rare quality that I have not noticed in all of my career. He demonstrated commitment and worked under strict deadlines. Arjit was required to spend a minimum of twenty-five hours in a week for this project, and the research he submitted to me weekly agreed with this.

Arjit is a very curious student. He holds deep interest for the subject physics and research, which is a very unique quality in students of this age. Me and my team have done many meetings with him. He has provided his insights to many other questions and discussions apart from the project alone. Arjit holds a great potential to become a brilliant researcher in the coming years.

Overall, I would say that Arjit would be a very beneficial asset to your university and the student community.

I wish him all the very best for his future studies.

Akhilesh Kumar Mishra Department of Physics IIT Roorkee, INDIA