

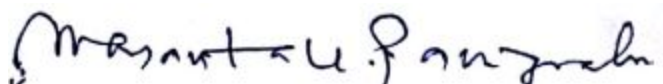
## **Letter of Recommendation for Varun Upreti**

It gives immense pleasure to write this letter of recommendation for Mr. Varun Upreti, who is applying for an internship in your organization. I have known him since December 2019 and within this period he has done two projects under my supervision. He was selected for a winter internship under me among the few selected candidates in IISER Kolkata in 2019. He successfully completed his project work besides at our institute.

As an undergraduate student, he studied the topics 'Quantum clock synchronization' and 'Quantum Game Theory' and was able to complete his work. He worked on the simulation of Nuclear Magnetic Resonance technique in IBM for checking the accuracy of multiparty clock synchronization protocols. which was a really tough job, as such type of simulation had never been done before and it involved very rigorous maths and good knowledge of multiparty synchronization protocols. Also, he worked on the simulation of the game of archery in a quantum computer. It was a challenging task, because of all the complexities we wanted to add in the game. Finally, he completed both the projects, entitled, "Simulation of Multi-party Clock Synchronization protocols" and "Design of Quantum Circuits to Play Archery in a Quantum Computer", which will soon be communicated to a scientific journal for its publication. Although the projects he undertook was challenging, he could able to finish on time by working long hours and with more patience without giving up. He was very enthusiastic about his work and approached me several times to clarify his issues regarding the project. This shows his dedication to the work he was assigned to. I believe that in your institution with new exposures he will get an opportunity to do more good works and be inspired as well. He is hard-working, passionate, dedicated and I am sure that he would be an asset to your program.

- To conclude, I would like to restate my strong recommendation for Varun Upreti. If you have any further questions regarding Varun's ability or his recommendation, please do not hesitate to contact me via email.

With regards,



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