



**Advertisement for Chanakya Postdoc position at Department of Physics, IIT
Hyderabad, India**

Work area	Quantum information processing
Project Title	Information-theoretic advantage from indefinite causal order of channels
Funding Agency	iHUB Quantum Technology Foundations
PI of the project	Dr. Alok Kumar Pan , Department of Physics, IIT Hyderabad
Duration	2 years (maybe extendable one more year subject to evaluation of the performance)
No of post	01(one)
Emoluments	Rs. 80000/- consolidated
Qualifications and Experience	Ph.D. in physics or mathematics with expertise in one the areas of quantum foundations, quantum information theory, quantum cryptography, quantum metrology, quantum computation, and quantum optics along and publications in high-visibility journals.
Relevant Information	<ul style="list-style-type: none">• The assignment is purely temporary and it is coterminous with the project.• If selected, initially the position will be offered for 1 year.• Later on, it may be extended on a yearly basis maximum up to the date of termination of the project (whichever is earlier) subject to evaluation of the performance.• Interview will be conducted in online mode only.• The interview call letter will be sent through email only.• PI reserves the right to keep the position open till a deserving candidate is found.• Mere eligibility cannot guarantee a call for the interview.• For any clarification, mail to Dr. Alok Kumar Pan (akp@phy.iith.ac.in).
Date of Presentation Interview (Online)	The date of the presentation and interview is 10 th August 2023. Candidates should send their application on or before 7nd August 2023. Only shortlisted candidates will be informed of the timing of the interview on 8 th August 2023. There will be 20 minutes presentation and 15 minutes interview.
Application Procedure	<ul style="list-style-type: none">• Interested candidates are encouraged to send the application along with her/his latest CV to Dr. Alok Kumar Pan (akp@phy.iith.ac.in). A cover letter explaining how you fit to this position is desired.

PI

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