



Postdoctoral Position – AI in Optical Communication & Networking

Broadband Information Transport and Secured Optical Network (BITS-ON) Group

IIIT Delhi (New Delhi, India)

<https://bitson.iiitd.ac.in>

Salary: Rs. 1,00,000 per month

About the Position:

Fully funded Postdoctoral position under an NSF–MEITY Joint Collaborative Research Project. The selected candidate will be hosted at IIIT Delhi and will collaborate closely with researchers at IIT Madras and University of California, Davis. Research focuses on AI-driven optical network design, intelligent IP-over-optical architectures, machine learning for quality of transmission estimation, and data-driven network optimization with experimental validation on advanced optical communication testbeds.

Essential Skills:

- Strong background in Artificial Intelligence & Machine Learning
- Proficiency in Python programming
- Knowledge of IP Networks and Optical Communication

Eligibility Criteria:

- PhD degree submitted (CSE / ECE or related discipline)
- Strong publication record in relevant domains
- Strong foundation in AI/ML and Networks
- Good interpersonal and communication skills

Note: Fulfilment of the above eligibility criteria does not guarantee selection. Shortlisting is contingent upon the evaluation of the experts.

Application Process:

<https://forms.gle/CCdDJZ6YLsXA3Knx7>

Upload: CV (PDF) and Statement of Purpose.