Modelling & Intelligent Control Lab

Indian Institute of Technology Mandi

Project positions available

The **Modelling & Intelligent Control Lab** at IIT Mandi conducts cutting-edge research on mathematical modelling, performance analysis and control of network systems. Specific applications include computer networks and intelligent transportation systems.

We are currently working on a project that is centered around the deployment of queue management strategies for Internet routers. The project is funded by SERB under DST, Govt. of India. Under this project, we have **two** "Project Associate" positions available.

Who should apply:

Students/graduates who find the research area interesting and satisfy the below requirements.

Students who are looking to do MS (either in India or abroad) in the near future may find this project particularly useful.

Required background:

(i) BTech/BE in ECE, EE or CSE.

(ii) Coding experience in c, c++.

(iv) UG-level knowledge of linear algebra, probability and random processes.

Desirable experience*:

(i) coding on the NS2 simulation platform

(ii) UG-level knowledge of computer networks

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*not mandatory

Expectations:

The project associate is expected to conduct theory- and simulation-based research work.

Collaborative research with MS and PhD scholars would be encouraged.

Compensation:

INR 25,000/- to 30,000/-

Living Arrangements:

IIT Mandi provides comfortable on-campus accommodation for project associates.

Interested candidates may write to **sreelakshmi@iitmandi.ac.in**, with "Applying for project position" in the subject line.

Photographs by Navneet Sharma and Timothy A. Gonsalves