AI/ML for Cybersecurity

Global e-Learning Program for International Applicants
Indian Institute of Technology Indore, Madhya Pradesh, India

22nd July - 05th August 2025

ONLINE MODE

Structure Includes >>>

Expert lectures, Tutorials and Hands on sessions

Click to register for the course or scan here

Flagship Program of IIT Indore

Program Details >>>

Participants

UG/PG/Ph.D. Students and Faculties

Program Fee

USD 50
To be paid during registration

Dates and Duration

22nd July - 05th August 2025
(2 weeks/10-12 Hrs)

Seats

30 (on first come first serve basis)

Course Coordinator(s):

Dr. Ranveer Singh, HoD
and Asst. Prof.
Email: ranveer@iiti.ac.in
Department of CSE, IIT
Indore

Course Overview >>>

- Fundamentals of Secure Computation Models
- Cryptographic Primitives and Applications to TCP/IP and Other Network Protocols
- Hardware Security and IP Protection
- Network Intrusion Detection Systems
- Fundamentals of AI
- Cybersecurity and AI in IoT
- Centralities in Networks

Course Instructor:

Prof. Anirban Sengupta, Professor ; Prof. Neminath Hubballi, Professor ; Dr. Bodhisatwa Mazumdar, Asso. Prof. ;
Dr. Puneet Gupta, Asso. Prof. ; Dr. Ranveer Singh, Asst. Prof. ; Dr. Chandresh Maurya, Asst. Prof. ; Dr. Ayan Mondal, Asst. Prof. (all from the CSE dept. IITI)

PS: e-certificate shall be issued upon successful completion of the course.