

## Course work for IAI Ph.D. Students (Session: 2023-24)

The following courses will be offered to the first semester Ph.D. students of IAI.

- An: Analysis
- AA: Abstract Algebra
- LAMC: Linear Algebra & Multivariate Calculus
- To: Topology
- DM: Discrete Mathematics
- NT: Computational Number Theory
- PS: Probability and Statistics
- RM: Research Methodology
- Cr: Cryptology
- ML: Machine Learning
- AI: Artificial Intelligence
- PDS: An Introduction to Programming & Data Structures

The time table and details of each courses is given below.

### Time Table

	10:00 - 11:30	11:30 - 13:00	14:30 - 16:00	16:00 - 17:30
Monday		DM / To	An / AI	Student Seminar
Tuesday	PS	Cr / To / ML	RM	PDS
Wednesday		DM / AA	NT / LAMC	Meet-in-the-Middle
Thursday	PS	AA / ML	RM	AI
Friday		Cr / LAMC	NT / An	PDS / Topology seminar