



NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

One Week Capsule On Atomic and Molecular Physics

Organized by: PG Department Of Physics

From: 03-07 June 2024

05 Days Schedule at a Glance

Day/Date	Session-1 08:50 am to 10:45 am	T/B 15	Session-2 11:00 am to 12:30 pm	Session I/C
01-Mon 03/06/2024	Inaugural Session: (Brief) Presided by Hon'ble Director Prof Nath An exercise in actually using, and deepening the understanding of concepts learned in basic physics, Prof. Y. Azuma.		Lab Session T. Sheet Quiz	Dr. Nadeem, Nahida, Zahid
02-Tues 04/06/2024	Fundamentals of Atomic Structure and Molecular Structure by Prof. Y. Azuma.		Lab Session Work Sheet Quiz	Dr. Suhail Majid, Mr. Aman , Roshan
03-Wed 05/06/2024	Learning about the basic concepts involved in Photon interactions and collisions by Prof. Y. Azuma.		Lab Session Symposium Quiz	Dr. Ishtihada, Nowsheena, Rumaisa
04-Thrus 06/06/2024	Experimental concepts concerning electron spectroscopy, lasers, accelerators, and synchrotron radiation etc by Prof. Y. Azuma.		Lab Session T. Sheet Quiz	Dr. Aalim Mushtaq, Abrar, Faizan
05-Fri 07/06/2024	Introduction to Prof. Azuma's research theme (Multi-electron dynamics upon photoionization) and related issues in synchrotron based Atomic Physics.		Lab Session Seminar Test	Dr. Reyaz Ahmad, Mr. Amir sohail Ishtiyaz

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Prof M A Shah