Physics Syllabus for PhD Admission test (Fall 2024)

- 1. Coordination Chemistry
- 2. Reactivities of Transition metals and Lanthanides
- 3. Spectroscopic techniques: UV/IR/ NMR
- 4. Fundamental concepts of reaction mechanism and intermediates (organic chemistry)
- 5. Electrochemistry
- 6. Basics of Polymer
- 7. Atomic Structure