

### Proposed topic of PhD (2020-2021)

Faculty	Title of the thesis proposal
Dr. Tumpa Bhattacharjee	Nuclear structure study around shell closure of $Z = 50$ and $N = 82$
Dr. Zubayer Ahammed	Development of RPC detectors for the 3rd and 4th Stations of CBM experiment at GSI, Germany
Dr. Gopal Mukherjee	Experimental investigation of different shapes and novel symmetries in nuclei by gamma-ray spectroscopy method
Dr. Dirtha Sanyal	Experimental and theoretical simulation based work on different functional material
Dr. Parnika Das	Changes in radioactive decay rates under extreme conditions
Dr. Sarmishtha Bhattacharya	Nuclear structure studies near magic shell closure
Dr. Shashi Chandralal Srivastava	Studies in Quantum chaos in many-body systems
Dr. Tilak Kumar Ghosh	Nuclear structure dependence in fusion fission
Dr. Gargi Chaudhuri	Theoretical study of the nuclear equation of state from femto meter to kilometer scale
Dr. Supriya Mukhopadhyay	Study of nuclear properties at high excitation energy and angular momentum using Giant Dipole Resonance as a probe