

SI Number	Topics	Guide	Co-Guide
1	Electroencephalogram (EEG) signal analysis for predicted mechano-perception response to nano-textured surfaces	Siddhartha Prakash Duttagupta, Electrical Engineering	Prof. Jayesh Bellare, Chemical
2	Enabling e-mobility through accurate measurement of nanoscale processes in li-ion battery	Bharatkumar Suthar, Chemical Engineering	Prof. Amartya Mukhopadhyay MEMS
3	Molecular Modeling of Elasticity of Spider Silk and Related Biopolymers using Computation and Experiments	Hemant Nanavati, Chemical Engineering	Kamendra Sharma, Chemistry
4	An Autonomous Water Quality Monitoring System for Water bodies	Rajdip Bandyopadhyaya, Chemical Engineering	Maryam Shojaei Baghini, Electrical Engineering