







Name of Scholar	Topic Assigned	
Anjumun Rasool	Atomistic Modelling of Single Atom Catalyst (SACS) for electrocatalytic Reduction Reaction of Dinitrogen (N ₂) into Ammonia	
Romana Khanam	Theoretical Design of Catalysts for Electrocatalytic Applications.	
Afshana Hassan	Computational Screening of Single, Double and Triple Atom Catalyst for CO ₂ Reduction.	
Insha Bashir	Design, Synthesis and Optimization of Novel Chitosan-Based Multifunctional Hydrogels for the Development of Efficient Wound Healing Materials	
Nayeema Gull	Design, Synthesis, and Evaluation of pH-Sensitive Pectin-Based Hydrogel Systems for Enhanced Colonic Drug Delivery	
Fahmida Bashir	Identification of naturally occurring anti-hyperlipidemic agents from medicinal folklore of Kashmir valley for the treatment of lipotoxicity in non-alcoholic fatty liver disease (NAFLD)	
Rais Ahmad Wani	Design, Synthesis and Exploration of Organic Imine Cages and Macrocycles for Different Applications	