

Summer School: Molecules to Materials: Monomer Design and Advanced Polymer Synthesis

Duration: 6 Days (Tentative dates: 9-15 June 2026)

Tentative Schedule:

Date	Morning Lecture (10 am – 12:30 pm) Venue: Lecture Hall Complex	12:30 pm – 1:30 pm	Afternoon Experiment (1:30 pm – 4:30 pm) Venue: DCS General Lab AAC Building
9 June	Introduction to polymer science and details on thermal polymerization	Lunch Break	Thermal polymerization of styrene and MMA
10 June	Initiator-controlled polymerization		AIBN-initiated polymerization
11 June	ATRP		ATRP of PS/PMMA
12 June	Copolymerization		Styrene–MMA copolymerization
13 June	Design of various functional monomers and subsequent polymerization		Synthesis of an activated NHS ester monomer and subsequent polymerization
14 June	Sunday (Free day)		
15 June	Mini Project: Execution, data collection	Lunch Break	Data analysis and report submission