

Chemical Process Calculations [CH21203] Lecture Schedule – Autumn 2023 – Arnab Atta

Lecture No.	Date	Day	Lecture Topic
Lecture #1	03-Aug	Thursday	Module 01: Introduction to Engineering Calculations Processes and Process Variables
Lecture #2	07-Aug	Monday	Introduction to engineering calculations, processes and process variables
Lecture #3	10-Aug	Thursday	Module 02: Material Balance Calculations: Fundamentals & Single Unit
Lecture #4	14-Aug	Monday	Continuous process & nonreactive system material balance
Lecture #5	17-Aug	Thursday	Module 03: Material Balance Calculations: Multiple Units
Lecture #6	21-Aug	Monday	Multiple unit balance
Lecture #7	24-Aug	Thursday	Multiple unit balance (contd.)
Lecture #8	28-Aug	Monday	Multiple unit balance (contd.)
Quiz #1	31-Aug	Thursday	Quiz #1
Lecture #9	04-Sep	Monday	Module 04: Recycle and Bypass: Material balance of recycle & bypass units
No Lecture	07-Sep	Thursday	Holiday on account of Janmashtami
Lecture #10	11-Sep	Monday	Material balance of recycle & bypass units
Lecture #11	14-Sep	Thursday	Material balance of recycle & bypass units (contd.)
No Lecture	18-Sep	Monday	Mid-Sem Exams
No Lecture	21-Sep	Thursday	
No Lecture	25-Sep	Monday	
No Lecture	28-Sep	Thursday	Holiday on account of Id-E-Milad
No Lecture	02-Oct	Monday	Holiday on account of Mahatma Gandhi's Birthday
Lecture #12	05-Oct	Thursday	Module 05: Chemical Reaction Stoichiometry
Lecture #13	09-Oct	Monday	Limiting and excess reactants, chemical equilibrium and multiple reactions
Lecture #14	12-Oct	Thursday	Reactive process balance
Lecture #15	16-Oct	Monday	Reactive process balance (contd.)
Lecture #16	19-Oct	Thursday	Reactive process balance (contd.)
No Lecture	23-Oct	Monday	Autumn Break
No Lecture	26-Oct	Thursday	
Quiz #2	30-Oct	Monday	Quiz #2
Lecture #17	02-Nov	Thursday	Module 06: Single- & Multi-phase Systems
Lecture #18	06-Nov	Monday	Single phase systems
Lecture #19	09-Nov	Thursday	Multi-phase system
Lecture #20	13-Nov	Monday	Multi-phase system (contd.)