



Indian Institute of Technology Bhubaneswar

Class Time Table, School of Basic Sciences, Autumn-2024-25

MSc in Chemistry (CY), MSc in Physics (PHY), MSc in Mathematics (MA)

Day	Programme	Semester (Room)	8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	13:30 - 14:25	14:30 -15:25	15:30 - 16:25	16:30 - 17:25	17:30-18:25	
Monday	MSc (CY)	First (SBS-17)		COS		IC	IC		IQC				MSc in Chemistry (First Semester): SBS-017 IQC: Introduction to Quantum Chemistry (CY5L001) [Dr. Kousik Samanta] IC: Inorganic Chemistry- Structure, Principle and Reactivity (CY5L002) [Dr. Akhilesh Singh] COS: Concept of Organic Synthesis (CY5L003) [Dr. Tabrez Khan] MC: Mathematics for Chemists (CY5L004) [Prof. Snehasis Choudhuri] OC Lab: Organic Chemistry Laboratory (CY5P001) [Prof. Shantanu Pal]: LBC-305 PC Lab: Physical Chemistry Laboratory (CY5P003) [Prof. Ashis Biswas]: LBC-305 Seminar I (CY5S001) [Dr. Srikanta Patra] MSc in Chemistry (Third Semester): SBS-016 AC: Analytical Chemistry (CY5L010) [Dr. Srikanta Patra and Prof. Umaprasanna Ojha] Elective I: Application of Fluorescence Spectroscopy in Chemistry and Biology/AFS (CY7L017) [Dr. Palas Roy] OR Solid State Chemistry/SSC (CY7L002) [Prof. V. R. Pedireddi] Elective II: Advanced Heterocyclic Chemistry / AHC (CY7L031) [Prof. Shantanu Pal] OR Structure and Function of Biomolecules /RPDD (CY7L020)[Dr. Soumendra Rana] Elective III: Advanced Polymer Chemistry/APC (CY7L004) [Dr. Vijayakrishna Kari] (+Open Elective) OR Statistical Mechanics for Chemists/ SMC (CY7L015) [Prof. Snehasis Choudhuri] Project I (CY5D001) Seminar II (CY5S002) [Prof. V. R. Pedireddi] MSc in Physics (First Semester) CM: Classical Mechanics (PH5L001) [Dr. Abhishek Chowdhury] MP: Mathematical Physics (PH5L002) [Dr. Pramod Padmanabhan] QM I: Quantum Mechanics I (PH5L003) [Dr. Nirmalendu Acharya] ED I: Electrodynamics I (PH5L004) [Prof. Saroj Kumar Nayak] EL: Electronics (PH5L005) [Prof. P. V. Satyam] ICM: Introduction to Computational Methods (PH5L006) [Dr. Hemant Kumar] PHY LAB I: Physics Laboratory I (PH5P001) [Prof. P. V. Satyam/ Dr. Chandrasekhar Bhamidipathi, Dr. Shyamal Chatterjee/Dr. Pramod Padmanabhan, Dr. Avijit Kumar/Prof. Rajan Jha] MSc in Physics (Third Semester) NPP: Nuclear and Particle Physics (PH5L012) [Dr. Seema Bahinipati] CMP: Condensed Matter Physics (PH5L013) [Dr. Satchidananda Rath] QFT: Quantum Field Theory (PH7L007) [Dr. Chandrasekhar Bhamidipathi] NQD: Nanostructure and Quantum Devices (PH7L008) [Dr. Avijit Kumar]. NEPP: Non-equilibrium Phenomena in Physics (PH7L004) [Dr. Malay Bandyopadhyay]. MM: Magnetism in Materials (PH7L005) [Dr. Niharika Mahapatra]. MSc in Mathematics (First Semester) LA: Linear Algebra (MA5L001) [Dr. T. Nayak] RA: Real Analysis (MA5L002) [Prof. V. R. Allu] DM: Discrete Mathematics (MA5L003) [Dr. Selvaraja] PS: Probability and Statistics (MA5L004) [Dr. I. Jana] PDS: Computer Programming and Data Structures (MA5L005) [Dr. AK. Ojha] PDS LAB: Computer Programming Lab (MA5P001) [Dr. B. Mandal] Seminar I (MA5S001)[Dr. N. Saikia] MSc in Mathematics (Third Semester) FA: Functional Analysis (MA5L011) [Dr. S. Pani] CM: Continuum Mechanics (MA5L012) [Dr. A. A. Panda] OT: Optimization Techniques (MA5L013) [Dr. M. Gupta] OT LAB: Optimization Techniques Lab (MA5P003) [Dr. M. Gupta] Elective-I: NLA: Numerical Linear Algebra (MA5L018) [Dr. B. Mandal] & CA : Commutative Algebra (I) [Dr. A. Dutta] Elective-II: NSODEPDE: Numerical Solution to Ordinary and Partial Differential Equations (MA7L001) [Prof. T. V. S. Sekhar] (+Open Elective) & ACA: Advanced Complex Analysis (MA7L003) [Prof. V. R. Allu & Dr. Aneesh] & TM: Theory of Modular Forms (MA7L030) [Dr. B. Paul] Project Part-I (MA5D001)
		Third (SBS-16)							SMC	SMC	AC		
	MSc (PH)	First (SBS - 13)		MP	PHY Lab I LBC 204				EL		CM		
		Third (SBS - 15)					NPP						
	MSc (MA)	First (SBS - 14)		DM (LHC)		PS (LHC)			RA				
		Third (SBS - 10)		TM		FA			CM (LHC)	OT LAB			
Tuesday	MSc (CY)	First (SBS-17)		IC	PC Lab	PC Lab	PC Lab		PC Lab	PC Lab	PC Lab		
		Third (SBS-16)			SSC	SSC			APC	APC			
	MSc (PH)	First (SBS - 13)		QM I	EL	ICM Lab (SBS)			ED I				
		Third (SBS - 15)		NQD					NEPP				
	MSc (MA)	First (SBS - 14)		LA		PDS							
		Third (SBS - 10)				NSOPDE			ACA				
Wednesday	MSc (CY)	First (SBS-17)		IQC	MC	COS	COS						
		Third (SBS-16)			SSC	AHC	AHC		SFB	SFB			
	MSc (PH)	First (SBS - 13)		ICM	PHY Lab I LBC 204				CM		QM I		
		Third (SBS - 15)		CMP	QFT				MM				
	MSc (MA)	First (SBS - 14)		DM (LHC)		PS (LHC)			RA				
		Third (SBS - 10)				CA			FA		OT		
Thursday	MSc (CY)	First (SBS-17)			OC Lab	OC Lab	OC Lab		OC Lab	OC Lab	OC Lab		
		Third (SBS-16)			AFS	APC	SFB		SMC	AC	AC		
	MSc (PH)	First (SBS - 13)			MP		ICM		ED I	QM I			
		Third (SBS - 15)		CMP		NQD			MM	NEPP			
	MSc (MA)	First (SBS - 14)			Seminar					LA			
		Third (SBS - 10)			OT	NLA			ACA		CM (LHC)		
Friday	MSc (CY)	First (SBS-17)		COS	IQC	IQC	MC		IC	Seminar I	Seminar I		
		Third (SBS-16)			AHC	AFS	AFS			Seminar II	Seminar II		
	MSc (PH)	First (SBS - 13)		ICM	PHY Lab I LBC 204								
		Third (SBS - 15)		NPP			QFT						
	MSc (MA)	First (SBS - 14)					PDS		PDS LAB				
		Third (SBS - 10)		TM		CA/NLA	CA			NSOPDE			
NOTE: LBC: 1st Year Lab Complex; SBS: School of Basic Sciences; SES: School of Electrical Sciences; SIF: School of Infrastructure; SMS: School of Mechanical Sciences Reserve Slot*: For School or Institute Academic Activities **APC class room changed from SBS-16 to SBS-004													