



Indian Institute of Technology Bhubaneswar

Class Time Table, School of Minerals, Metallurgical and Materials Engineering, Autumn-2024-25

BTech in Metallurgical and Materials Engineering (MME), MTech in Metallurgical and Materials Engineering (MME)

Day	Programme	Semester	08:00-08:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	12:00 - 12:55	1:30 - 2:30	2:30 - 3:30	3:30 - 4:30	4:30 - 5:30	5:30 - 6:25	6:30-7:25	
Monday		Third		BE Lab SES 104					NM R05S	NM R05S	Breadth-1 / Minor	Breadth-1 / Minor		BTech in Metallurgical and Materials Engineering (Third Semester) BE: Basic Electronics (EC2L005) [Dr. Nitya Tiwari] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Sudipta Pramanick, Dr. Miral Verma] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury and Dr. Soumendra Rana] NM: Numerical Methods (MA2L007) [Dr. Miral Verma] TM: Thermodynamics of Materials (ML2L002) [Dr. Kodanda Ram Mangipudi] BELab: Basic Electronics Laboratory (EC2P005) [Dr. Debalina Ghosh] [IM-Lab: Introduction to Materials Laboratory (ML2P001) [Seminar (ML2S001) [
		Fifth	CSuE R05S	MPTM R05S		MP R05S	CM R05S		Lateral -2	Lateral -2	PTM R05S			
	BTech	Seventh		LMA R06S	EEC R06S	EEC R06S	PNC (Adj) R06S		Project- Part-1	Elective- A / Project-	Elective -A / Project- Part-1	Open Elective	Open Elective	
	Dual	Seventh		LMA R06S	EEC R06S	EEC R06S	PNC (Adj) R06S		Project- Part-1	Elective- A / Project-	Elective -A / Project- Part-1	Open Elective	Open Elective	
	Dual	Ninth		MatP R07S	MatP-T R07S	ATK R07S	ATK -T R07S							
	MTech (MSE)	First		MatP R07S	MatP-T R07S	ATK R07S	ATK-T R07S							
Tuesday		Third		IMS L22M/L24S /L23S	IMS L22M/L24S/ L23S		IBS Gr 4 L22M				BE L22M			BTech in Metallurgical and Materials Engineering (Seventh Semester) LMA: Light metals and alloys (ML4L001) [Dr. Sudipta Pramanick] EEC: Elements of electroceramics (ML4L002)[Dr. Maya Katapadi Kini] PNC: Polymers and nanocomposites (ML4L003) [Prof. Ojha + Dr. B.K. Dhindaw] Elective - I : CDS: Chaos in dynamical systems (ID6L003)[Prof. B Deo] OPEN ELECTIVE SLOT, [FEM] Finite Elements Methods in Mechanical Engineering(ME6L011)) [Dr. S.R.Sahoo] (SMS-304)); MCLab-II: Materials characterization laboratory - II (ML4P001) [Dr. Maya Katapada Kini + Dr. Santanu Mandal] PCILab: Process control and instrumentation laboratory (ML4P002) [Dr. Srikant Gollapudi+ Dr. Kisor K Sahu] ITD: Industrial training defense (ML4T001 Project - I (ML4D001) [Dr. Amritendu Roy] Elective A: Infrastructure Maintenance and Rehabilitation (R03S) Data Intensive Computations (R04S) Applied Probability and Linear Algebra (R23S) Dynamics of Linear Systems (R24S) Chaos in Dynamical Systems (R25S) - OPEN ELECTIVE SLOT Engineering Design Optimization (R26S) - OPEN ELECTIVE SLOT Precision and Micro Manufacturing (R28S) (Dual degree)BTech in Metallurgical and Materials Engineering-- MTech in Materials Science and Engineering (Ninth Semester) ATK: Advanced Thermodynamics and Kinetics (ML6L001) [Dr. Snigdha Ghosh] MatP: Materials Processing (ML6L002) [Dr.Santanu Mandal] Thesis-Part -I: (ML6D001) [Thesis supervisor]
		Fifth	MEcon	Breadth-3 / Minor /MEcon	Breadth-3 / Minor	MP R05S	CM R05S			Lateral -2	Lateral-2			
	BTech	Seventh					PNC (Adj) R06S							
	Dual	Seventh			MC R07S	MC R07S	PNC (Adj) R06S		MC Lab II SMMME					
	Dual	Ninth		MatP R07S			ATK R07S		MC Lab II SMMME					
	MTech (MSE)	First		MatP R07S	MC R07S	MC R07S	ATK R07S		MC Lab SMMME					
Wednesday		Third		TM R05S	TM R05S	BE L12M	BE L12M		BE (T) L12M	Seminar				BTech in Metallurgical and Materials Engineering (Fifth Semester) MP: Mineral processing (ML3L001) [Prof. B.K. Mishra] CSuE: Corrosion and surface engineering (ML3L002) [Dr. Srikant Gollapudi] MPTM: Mechanical properties and testing of materials (ML3L003) [Dr. Ramakrushna Sabat] PTM: Phase transformation of materials (ML3L004) [Dr. Partha S. De] CM: Chemical metallurgy (ML3L005) [Dr. Soobhankar Pati] MTWLab: Mechanical testing & working laboratory (ML3P001) [Dr. Ramakrushna Sabat] Breadth 3: Dimensions of Creativity: Indian Writings in English (DimCre) [HS3L006] [Dr. Amrita Satpathy] (L10S) Environomics (Env) [HS3L002] [Dr. Sayel Basel] (L11S) Ethics and Epics (EtEp) [HS4L015] [Dr. Richa Shukla] (L13S) Fiction and Social Change (FiSo) [HS3L009] [Dr. Swathy Krishna S] (L14S) Introduction to Indian Philosophy (InPh) [HS3L005] [Dr. Sreetama Mishra] (L15S) Introduction to Stock Market and Trading (InSt) [HS3L008] [Dr. Naresh Chandra Sahu] (L16S) Managerial Economics (MEcon) [HS3L003] [Dr. Avishek Bhandari] (L18S) Psychology of Well-being (PsWe) [HS4L017] [Dr. Prama Bhattacharya] (L19S) Minor Product Design and Development [ME3L021] [Dr. Divyansh Patel] (L20S) Lateral 2: Introduction to Ocean Dynamics [Dr. Sourav Sil] (L10S) Microcontrollers and Embedded Systems [Dr. Akshay K] (L11S) Control System Technology [Dr. Olive Ray] (L13S) Numerical Techniques [Dr. Sasmita Barik] (L14S) Applied Thermodynamics [Dr. Amrit B. Sahu+ Dr. Manish Punetha] (L15S) Introduction to Machine Learning for Engineers [Dr. Kisor Kumar Sahu] (R17M) Construction Planning and Management [Dr. Tarutal Ghosh Mandal] (R22M)
		Fifth		CSuE R05S	MPTM R05S	Breadth-3 / Minor	Breadth-3 / Minor			MTW Lab SMMME				
	BTech	Seventh		LMA R06S			PNC R06S			PCI Lab SMMME				
	Dual	Seventh		LMA R06S	MC R07S	MC-T R07S	PNC R06S			PCI Lab SMMME				
	Dual	Ninth		MatP R07S			ATK R07S							
	MTech (MSE)	First		MatP R07S	MC R07S	MC (T) R07S	ATK R07S			Elective - II R07S	Elective - II R07S			
Thursday		Third		TM R05S	NM R05S	NM (T) R05S			IMS Lab			IBS Gr-3,4 (AL) L22M/L27M		BTech in Metallurgical and Materials Engineering (Third Semester) BE: Basic Electronics (EC2L005) [Dr. Nitya Tiwari] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Sudipta Pramanick, Dr. Miral Verma] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury and Dr. Soumendra Rana] NM: Numerical Methods (MA2L007) [Dr. Miral Verma] TM: Thermodynamics of Materials (ML2L002) [Dr. Kodanda Ram Mangipudi] BELab: Basic Electronics Laboratory (EC2P005) [Dr. Debalina Ghosh] [IM-Lab: Introduction to Materials Laboratory (ML2P001) [Seminar (ML2S001) [
		Fifth			MP R06S	PTM R06S	CM R06S							
	BTech	Seventh	Elective-I	Elective - I	LMA R07S		EEC R07S		Project- Part-1	Elective- A / Project-	Elective -A / Project- Part-1	Open Elective	Open Elective	
	Dual	Seventh			LMA R07S		EEC R07S		Project- Part-1	Elective- A / Project-	Elective -A / Project- Part-1	Open Elective	Open Elective	
	Dual	Ninth												
	MTech (MSE)	First			Elective - I (R25S/R26S)	Elective - II R07S								
Friday		Third			Breadth-1 / Minor	Breadth-1								BTech in Metallurgical and Materials Engineering (Seventh Semester) LMA: Light metals and alloys (ML4L001) [Dr. Sudipta Pramanick] EEC: Elements of electroceramics (ML4L002)[Dr. Maya Katapadi Kini] PNC: Polymers and nanocomposites (ML4L003) [Prof. Ojha + Dr. B.K. Dhindaw] Elective - I : CDS: Chaos in dynamical systems (ID6L003)[Prof. B Deo] OPEN ELECTIVE SLOT, [FEM] Finite Elements Methods in Mechanical Engineering(ME6L011)) [Dr. S.R.Sahoo] (SMS-304)); MCLab-II: Materials characterization laboratory - II (ML4P001) [Dr. Maya Katapada Kini + Dr. Santanu Mandal] PCILab: Process control and instrumentation laboratory (ML4P002) [Dr. Srikant Gollapudi+ Dr. Kisor K Sahu] ITD: Industrial training defense (ML4T001 Project - I (ML4D001) [Dr. Amritendu Roy] Elective A: Infrastructure Maintenance and Rehabilitation (R03S) Data Intensive Computations (R04S) Applied Probability and Linear Algebra (R23S) Dynamics of Linear Systems (R24S) Chaos in Dynamical Systems (R25S) - OPEN ELECTIVE SLOT Engineering Design Optimization (R26S) - OPEN ELECTIVE SLOT Precision and Micro Manufacturing (R28S) (Dual degree)BTech in Metallurgical and Materials Engineering-- MTech in Materials Science and Engineering (Ninth Semester) ATK: Advanced Thermodynamics and Kinetics (ML6L001) [Dr. Snigdha Ghosh] MatP: Materials Processing (ML6L002) [Dr.Santanu Mandal] Thesis-Part -I: (ML6D001) [Thesis supervisor]
		Fifth	MEcon	CSuE R05S		MPTM R05S	PTM R05S							
	BTech	Seventh		Elective - I	Elective - I				ITD (Adj) R06S	ITD (Adj) R06S				
	Dual	Seventh												
	Dual	Ninth												
	MTech (MSE)	First			Elective - I (R06S/R07S)	Elective - I (R06S/R07S)			Seminar -I R07S					
Saturday		Third												BTech in Metallurgical and Materials Engineering (Third Semester) BE: Basic Electronics (EC2L005) [Dr. Nitya Tiwari] IMS: Introduction to Material Science and Engineering (ID2L001) [Dr. Sudipta Pramanick, Dr. Miral Verma] IBS: Introduction to Bioscience and Technology (ID2L002) [Dr. Anasuya Roychowdhury and Dr. Soumendra Rana] NM: Numerical Methods (MA2L007) [Dr. Miral Verma] TM: Thermodynamics of Materials (ML2L002) [Dr. Kodanda Ram Mangipudi] BELab: Basic Electronics Laboratory (EC2P005) [Dr. Debalina Ghosh] [IM-Lab: Introduction to Materials Laboratory (ML2P001) [Seminar (ML2S001) [
	BTech	Fifth												

Note: For the " Introduction to Bioscience and Technology (ID2L002)" the four Groups are as follows, **Group 1:** Entire Electrical Engineering and 28 number Electronics and Communication Engineering students 23EC01001 to 23EC01030; **Group 2:** Entire Computer Science and Engineering and 27 number Electronics and Communication Engineering students 23EC01031 to 23EC01059; **Group 3:** Entire School of Infrastructure students; **Group 4:** Entire School of Mechanical Sciences and Metallurgical and Materials Engineering Students;