



**Indian Institute of Technology Bhubaneswar**  
**School of Earth, Ocean and Climate Sciences, Autumn-2020-21**

**MSc in Geology (Geo), MSc in Atmosphere and Ocean Sciences (Atm), Mtech in Climate Science & Technology (CL)**

Day	Programme	Year	8:00 - 8:55	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	
Monday	MSc (Geo)	First		SG SBS 004	SG SBS 004	CG SBS 0045		UES SBS 004	CG Lab SBS 004/5	CG Lab SBS004/5	CG Lab SBS 004/5	<b>MSc in Geology (First Semester)</b> UES: Understanding Earth System (ES5L101) [Prof. H.K.Mishra] IMP: Igneous and Metamorphic Petrogenesis (ES5L102) [Dr. S. Bhattacharya and Dr. Y. K.Singh] SG: Structural Geology (ES5L103) [Dr. Y.K.Singh] AMC: Advanced Mineralogy & Crystallography (ES5L104) [Dr. R. K. Singh] CG: Computational Geosciences (ES5L105) [Dr. P. Bhattacharya] SG Lab: Structure Geology Laboratory (ES5P103) [Dr. Y.K.Singh] Pet Lab: Petrology Laboratory (ES5P102) [Dr. S. Bhattacharya and Dr. Y. K.Singh] AMC Lab: Advanced Mineralogy & Crystallography Laboratory (ES5P104) [Dr. R. K. Singh] CG La CG Lab: Computational Geosciences Laboratory (ES5P105) [Dr. P. Bhattacharya]
		Second		Project	Project	Project		GTE SES 018	GTE SES 018	OG SES 018	OG SES 018	
	MSc (Atm)	First		ACA	ACA			GTE SES 018	FMO	FMO	MSMCS	
	Btech Latertal	Second		Project	Project		CRHT		GTE SES 018	OADA	Project	
MTech (CL)	First		ACA/SH	ACA/SH	EII	CRHT				MM	MSMES/MM	<b>MSc in Geology (Third Semester)</b> OG: Ore Geology (ES5L301) [Dr. S. Bhattacharya] CPG: Coal and Petroleum Geology (ES5L302) [Prof. H.K.Mishra] Elective I BGP: Borehole Geophysics (ES5G003) [Prof. R.G.Sastry]/HMT: Heat and Mass Transfer (ES5 L) [Dr. P. Bhattacharya] Elective II GTE: Geothermal Energy (ES5L 417) [Dr. S.H.Farooq and Prof. R G Sastry]/BFD: Basics of Fluid Dynamics (CL5L419) [Dr. K. Landu] OG Lab: Ore Geology Laboratory (ES5P008) [Dr.S. Bhattacharya] Seminar – I (ES5S301) [Dr. Y.K.Singh] Project Work – I (ES5D302)
Tuesday	MSc (Geo)	First		IMP SBS 004	IMP SBS 004	UES SBS 004		SGL SBS 004	SGL SBS 004	SGL SBS 004		<b>MSc in Atmosphere and Ocean Sciences (First Semester)</b> FMO: Fundamental of Meteorology & Oceanography (CL5L101) [Prof. U C Mohanty and Dr. D. Swain] MSMCS: Mathematical and Statistical Methods in Climate Science (CL5L102) [Dr. K. Landu] PAO: Physics of Atmosphere & Ocean (CL5L103) [Dr. S. Pattnaik] DAO: Dynamics of Atmosphere & Ocean (CL5L104) [Dr. S. Sil and Prof. U. C. Mohanty] ACA: Atmospheric Chemistry and Aerosol (CL5L105) [Dr. Vinoj. V] MDPOA: Modelling of Dynamical Processes of Ocean and Atmosphere (CL5L106) [Dr. S. Sil and Dr. Sanjeev Dwivedi] WAF Lab: Weather Analysis and Forecasting Laboratory (CL5P101) [Dr. S. Pattnaik & Dr. Vinoj.V] ASMSCS Lab: Application of Statistics and Mathematics in Climate Science Laboratory (CL5P102) [Dr. K. Landu]
		Second		Project	Project	Project		OG Lab SBS 004/005	OG Lab SBS 004/005	OG Lab SBS 004/005	CPG SBS 004	
	MSc (Atm)	First		WAF Lab SBS 005	WAF Lab SBS 005	WAF Lab SBS 005			ACA	DAO	DAO	
	Btech Latertal	Second		Project	Project	OADA		-	Project	BFD	BFD	
MTech (CL)	First		WAF Lab SBS 005	WAF Lab SBS 005	WAF Lab SBS 005	SH		ACA	DAO	DAO		
Wednesday	MSc (Geo)	First		IMP SBS 004	IMP SBS 004	UES SBS 004		IMP Lab	IMP Lab	IMP Lab	IMP Lab	<b>MSc in Atmosphere and Ocean Sciences (Third Semester)</b> MMO: Micrometeorology and Oceanography (CL5L301) [Dr. S. Pattnaik] ADAWP: Atmospheric Diffusion, Air and Water Pollution (CL5L302) [Dr. V. Vinoj] Elective I CRHT:Conduction and Radiation Heat Transfer (ME6L104) [Dr. S. R. Kannan, SMS] /HMT: Heat and Mass Transfer (ES5 L) [Dr. P. Bhattacharya]/GTE: Geothermal Energy (ES5L417) [Dr. S.H.Farooq and Prof. R G Sastry] Elective II BFD: Basics of Fluid Dynamics (CL5L419) [Dr. K. Landu]/BGP: Borehole Geophysics (ES5G003) [Prof. R.G.Sastry]/MM:Mathematical methods (MA6L001) [Dr. B C Mondal] OADA: Objective Analysis and Data Assimilation (CL5L303) [Dr. S. Sil] SO: Satellite Oceanography (CL5L304) [Dr. D. Swain] Seminar I (CL5S301) [Dr. S. Sil] Project I (CL5D302)
		Second		Project	Project	Project			GTE SES 018	CPG SES 018	BGP/HMT SES 018/ SBS 002	
	MSc (Atm)	First		MDPOA	FMO	PAO	PAO			MSMCS	MSMCS	
	Btech Latertal	Second		CRHT	CRHT		BFD		GTE SES 018	Project	HMT	
MTech (CL)	First		CRHT/SOM	CRHT	PAO	PAO				Lateral2	Lateral2	
Thursday	MSc (Geo)	First		SG SBS 004	AMC SBS 004	AMC SBS 004		AMC Lab	AMC Lab	AMC Lab		<b>MSc in Atmosphere and Ocean Sciences (First Semester)</b> PAO: Physics of Atmosphere and Ocean (CL6L101) [Dr. S. Pattnaik] DAO: Dynamics of Atmosphere and Ocean (CL6L102) [Prof. UCM & Dr. S. Sil] EII: Earth and its Interior (CL6L103) [Dr. S. H. Farooq and Prof. R G Sastry] Elective - I: ACA: Atmospheric Chemistry and Aerosol (CL6L211) [Dr. Vinoj. V]/ADAP:Atmospheric diffusion and Air Pollution (CL 6L118)[Dr. Vinoj V]/SH:Surface Hydrology (CE6L502) [Dr. M Ramdas] Elective - II, SOM: Satellite Oceanography and Meteorology [Dr. D. Swain]/CRHT:Conduction and Radiation Heat Transfer (ME6L104) [Dr. S. R. Kannan, SMS]/BGP: Borehole Geophysics (ES5G003) [Prof. R.G.Sastry] Elective - III MSMESS: Mathematics and Statistical Methods in Earth System Science [Dr. K. Landu]/MM:Mathematical methods (MA6L001) [Dr. B C Mondal] WAF Lab: Weather Analysis and Forecasting Laboratory (CL6P101) [ Dr. S. Pattnaik & Dr. Vinoj. V] Seminar - I (CL6S101) [Dr. K. Landu]
		Second		Project	Project	Project		CPG SES 018	BGP/HMT SES 018/SBS 002	BGP/HMT SES 018/SBS 002	OG SES 018	
	MSc (Atm)	First		PAO	PAO	MDPOA	MDPOA		ASMCS Lab SBS 011	ASMCS Lab SBS 011	ASMCS Lab SBS 011	
	Btech Latertal	Second				ADAWP	ADAWP		HMT	HMT	Project	
MTech (CL)	First		PAO	PAO				EII	EII			
Friday	MSc (Geo)	First		CG SBS 004	CG SBS 004	AMC SBS 004		General Seminar				<b>Mtech in Climate Science &amp; Technology (First Semester)</b> PAO: Physics of Atmosphere and Ocean (CL6L101) [Dr. S. Pattnaik] DAO: Dynamics of Atmosphere and Ocean (CL6L102) [Prof. UCM & Dr. S. Sil] EII: Earth and its Interior (CL6L103) [Dr. S. H. Farooq and Prof. R G Sastry] Elective - I: ACA: Atmospheric Chemistry and Aerosol (CL6L211) [Dr. Vinoj. V]/ADAP:Atmospheric diffusion and Air Pollution (CL 6L118)[Dr. Vinoj V]/SH:Surface Hydrology (CE6L502) [Dr. M Ramdas] Elective - II, SOM: Satellite Oceanography and Meteorology [Dr. D. Swain]/CRHT:Conduction and Radiation Heat Transfer (ME6L104) [Dr. S. R. Kannan, SMS]/BGP: Borehole Geophysics (ES5G003) [Prof. R.G.Sastry] Elective - III MSMESS: Mathematics and Statistical Methods in Earth System Science [Dr. K. Landu]/MM:Mathematical methods (MA6L001) [Dr. B C Mondal] WAF Lab: Weather Analysis and Forecasting Laboratory (CL6P101) [ Dr. S. Pattnaik & Dr. Vinoj. V] Seminar - I (CL6S101) [Dr. K. Landu]
		Second		Project	Project	Project		Seminar I				
	MSc (Atm)	First		DAO				Reserve Slot*				
	Btech Latertal	Second		MMO	MMO	SO	SO		Reserve Slot*	Seminar	Seminar	
MTech (CL)	First	SH	DAO	DAO	SOM	SOM		Seminar	Seminar	Seminar		