



# Indian Institute of Technology Bhubaneswar

## Class Time Table, School of Electrical Sciences, Spring-2022-23

### BTech in Electrical Engineering (EE), MTech in Power Electronics and Drives (PED), MTech in Power Systems Engineering (PSE) and Dual Degree (EE+PED)

Day	Programme	Semester	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	BTech	Fourth		EM Lab (Gr-1) (SM) 002, SES			LUNCH	Lateral-1		Breadth-2			<b>BTech in Electrical Engineering (Fourth Semester)</b> ESTM: Environmental Science, Technology and Management (ID2L003) [Dr. Vinoy V., Dr. N.C. Sahu, Dr. S. Roy] EM: Electric Machine (EE2L003) [Dr. Olive Ray(OR)] DEM: Digital Electronics and Microprocessor (EC2L006)[Dr. Debapratim Ghosh (DPG)/Dr. Sayan Dey(SD)] NT: Network Theory (EE2L001) [Dr. Navjeet Bagga (NB)] EM Lab: Electric Machine Laboratory (EE2P003) [Gr1: Dr. Sankarsan Mohapatro(SM) and Gr2: Prof. C. N. Bhende (CNB)] DEM Lab: Digital Electronics and Microprocessor Laboratory (EC2P006)[Dr. Sudipta Mahapatra (SDM)/Dr. Sayan Dey]  <b>Breadth 2:</b> Introduction to Economics (HS2L007) [Dr. Madhusmita Dash] 005, LBC; Speaking and Presentation (HS2L002) [Dr. Punyashree Panda, Dr. Swathi Krishna S] 101, LBC; Social Psychology (HS2L003) [Dr. Aparna Pandey, Dr. Anamitra Basu] 102, LBC; General Studies and Current Affairs-II (HS2L005) [Dr. Nihar Ranja Jena] 201, LBC; International Business (HS2L001) [Dr. Avishek Bhandari, Dr. Dukhabandhu Sahoo] 202, LBC; Entrepreneurship and Small Business Management (ID2L004) [Dr. Sitakanta Panda] 203, LBC; Introduction to Indian Philosophy (HS3L005) [Dr. R Venkata Raghavan] 302, LBC  <b>Lateral 1:</b> Digital Logic and Systems (CS2L003) [Dr. Nijwm Wary] 005, LBC Introduction to Signal Processing (EC2L006) [Dr. Ayan Palchoudhury] 101, LBC Infrastructure Planning and Management (CE2L012) [Dr. D. Basu], 102, LBC Elements of Mechanical Engineering (ME2L501) [Dr. S. R. Kannan], 203, LBC Condensed Matter Physics, [PH3L002] [Dr. N. Mohapatra] 302, LBC  <b>BTech in Electrical Engineering (Sixth Semester)</b> CS: Control Systems (EE3L003) [Dr. Ankit Ravindra Deshmukh (ARD)] DSP: Digital Signal Processing (EC3L003) [Dr. Pramod Padole Himanshu (PPH)] PSOC: Power System Operation and Control (EE3L012) [Prof. C N Bhende (CNB)] CS Lab: Control Systems Laboratory (EE3P002) [Gr1 and Gr2: Dr. Ankit Ravindra Deshmukh (ARD)] DSP Lab: Digital Signal Processing Laboratory (EC3P002) [Gr1: Dr. Pramod Padole Himanshu (PPH), Gr2: Dr. Barathram. Ramkumar (BRAM)] PS Lab: Power System Laboratory (EE3P003) [Gr1:Prof. N. C. Sahoo (NCS), Gr2: Dr. Srinivas Bhaskar Karanki (SBK)]  <b>Breadth 4:</b> Applied Organisational Psychology (HS3L001) [Dr. Prama Bhattacharya] 005, LBC Dimensions of Creativity: Indian writings in English (HS3L006) [Dr. Amrita Satapathy] 101, LBC Environmental Economics (HS3L002) [Dr. Madhusmita Dash] 102, LBC Managerial Economics (HS3L003) [Dr. Avishek Bhandari] 201, LBC Ethics and Leadership Skills for Technocrats (HS3L004) [Dr. Sreetama Misra] 202, LBC Global Communication (HS4L006) [Dr. Punyashree Panda] 302, LBC  <b>Lateral 3:</b> Satellite Communication Engineering (EC3L008) [Dr. Nitya Tiwari] 005, LBC Construction Planning and Management (CE3L022) [Dr. J. S. Thiyagarajan] 101, LBC Utilization of Electric Power (EE3L009) [Dr. S. Mohapatro] 102, LBC Industrial Engineering & Management (ME3L504) [Dr. G. Bartarya] 203, LBC Mineral Processing Plant Design (ML4L013) [Dr. S. Ghosh] 302, LBC  <b>B.Tech in Electrical Engineering (Eighth Semester)</b> <b>Elective – 3:</b> AMD: Advanced Machine Drives (EE6L055) [Dr. Dipankar De (DD)] HPCA: High Performance Computer Architecture(CS6L009)[Dr. Devashree Tripathy (DT) + Adjunct Faculty] ITC: Information Theory and Coding(EC6L003) [Dr. Anoop Thomas (AT)] Open Elective-EVT: Electric Vehicle Technology(ID6L006) [Prof. Pravas Ranjan Sahu (PRS)]  <b>Elective – 4:</b> PSP: Power System Protection(EE6L004) [Prof. Subhansu Ranjan Samantaray (SRS)] WMC: Wireless and Mobile Communication(EC6L020) [Dr. Soumya Prakash Dash (SPD)] CC: Cloud Computing(CS6L008) [Prof. Sudipta Mahapatra (SDM)] DF-I: Digital Forensics-I(CS6L010) [Prof. Manoranjan Satpathy (MS) + Adjunct Faculty]  <b>Elective – 5:</b> HVDC: HVDC and Flexible AC Transmission Systems (EE6L005) [Dr. Srinivas Bhaskar Karanki (SBK)] ASP: Adaptive Signal Processing (EC6L023) [Dr. Barathram. Ramkumar (BRAM)] SE: Software Engineering(CS6L034) [Dr. Srinivas Pinisetty (SP)] MRS: Modern Radar Systems(EC6L022) [Dr. Debalina Ghosh (DG)]  <b>Elective – 6:</b> MMS: Multimedia Systems(CS6L013) [Dr. Debi Prosad Dogra (DPD)] APEC: Advanced Power Electronic Converters (EE6L053) [Dr. Olive Ray (OR)] GIREs: Grid Integration of Renewable Energy Systems (EE6L013) [Dr. Chandrasekhar Perumalla (CP)] ADSP: Advanced Digital Signal Processing(EC6L004) [Dr. Niladri Bihari Puhana (NBP)]  <b>RES Lab: Renewable Energy Systems Laboratory(EE4P002) [Gr-1 and Gr-2: Dr. C. Perummula (CP)]</b>	
		Sixth	CS (T) (ARD) SES-318	PSOC (CNB) SES-318			CS (L) (ARD) LBC-203	LUNCH		PS Lab (Gr-1) (NCS) SES-215/SES-306				
		Eighth		ADSP (NBP) SES-211		GIREs (CP) SES-116		LUNCH		HVDC (SBK) / SE (SP) SES-116/ SES-318	AMD (DD)/HPCA (DT+Adj) SES-116 /SES-205			SRS (PSP) / CC (SDM) SES-116/SES-318
	Dual degree	Eighth			GIREs (CP) SES-116		LUNCH			AMD (DD) SES-116				
		Tenth		ADSP (NBP) SES-211			LUNCH		HVDC (SBK) SES-116					
				ADSP (NBP) SES-211		GIREs (CP) SES-116		LUNCH		HVDC (SBK) SES-116	AMD (DD) SES-116			PSP (SRS) SES-116
MTech (PED)	Second		ADSP (NBP) SES-211		GIREs (CP) SES-116		LUNCH		HVDC (SBK) SES-116	AMD (DD) SES-116		PSP (SRS) SES-116		
MTech (PSE)	Second		ADSP (NBP) SES-211		GIREs (CP) SES-116		LUNCH		HVDC (SBK) SES-116	AMD (DD) SES-116		PSP (SRS) SES-116		
Tuesday	BTech	Fourth	EM (OR) 318, SES			DEM Lab 104, SES		LUNCH					<b>Dual Degree in BTech (EE) and MTech (PED) (Eighth Semester)</b> APEC: Advanced Power Electronic Converters(EE6L053) [Dr. Olive Ray (OR)] GIREs: Grid Integration of Renewable Energy Systems (EE6L013)[Dr. Chandrasekhar Perumalla (CP)] AMD: Advanced Machine Drives (EE6L055) [Dr. Dipankar De (DD)] PCED Lab: Power Converter and Electric Drives Laboratory (EE6P053) [Dr. Dr. Dipankar De (DD)] RES Lab: Renewable Energy Systems Laboratory(EE4P002) [Dr. C. Perummula (CP)]  <b>Dual Degree in BTech (EE) and MTech (PED) (Tenth Semester)</b> <b>Elective III:</b> ADSP: Advanced Digital Signal Processing (EC6L004) [Dr. Niladri Bihari Puhana (NBP)] HVDC: HVDC and Flexible AC Transmission Systems (EE6L005) [Dr. Srinivas Bhaskar Karanki (SBK)] Open Elective-EVT: Electric Vehicle Technology (ID6L006) [Prof. Pravas Ranjan Sahu (PRS)]  <b>MTech in Power Electronics and Drives (Second Semester)</b> APEC: Advanced Power Electronic Converters (EE6L053) [Dr. Olive Ray (OR)] GIREs: Grid Integration of Renewable Energy Systems (EE6L013)[Dr. Chandrasekhar Perumalla (CP)] AMD: Advanced Machine Drives (EE6L055) [Dr. Dipankar De (DD)]  <b>Elective IV:</b> PSDC: Power System Dynamics & Control(EE6L003) [Prof. N. C. Sahoo (NCS)] ADSP: Advanced Digital Signal Processing (EC6L004)[Dr. Niladri Bihari Puhana (NBP)] HVDC: HVDC and Flexible AC Transmission Systems (EE6L005) [Dr. Srinivas Bhaskar Karanki (SBK)] Open Elective-EVT: Electric Vehicle Technology(ID6L006) [Prof. Pravas Ranjan Sahu (PRS)]  <b>Elective V:</b> PSP: Power System Protection(EE6L004) [Prof. Subhansu Ranjan Samantaray (SRS)] ATOR: Advanced Techniques in Operation Research(MA7L022) ASP: Adaptive Signal Processing (EC6L023) [Dr. Barathram. Ramkumar (BRAM)]  PCED lab: Power Converter and Electric Drives Laboratory (EE6P053) [Dr. Dipankar De (DD)] Seminar-II (EE6S052) [Dr. Ankit Ravindra Deshmukh (ARD)]/Dr. Ankit Dalal(AD)]  <b>MTech in Power Systems Engineering (Second Semester)</b> PSDC: Power System Dynamics & Control(EE6L003) [Prof. N. C. Sahoo (NCS)] PSP: Power System Protection (EE6L004) [Prof. S R Samantaray (SRS)] HVDC: HVDC and Flexible AC Transmission Systems (EE6L005) [Dr. Srinivas Bhaskar Karanki (SBK)]  <b>Elective IV:</b> APEC: Advanced Power Electronic Converters (EE6L053) [Dr. Olive Ray (OR)] ADSP: Advanced Digital Signal Processing(EC6L004) [Dr. Niladri Bihari Puhana(NBP)] AMD: Advanced Machine Drives (EE6L055) [Dr. Dipankar De(DD)] Open Elective-EVT: Electric Vehicle Technology(ID6L006) [Prof. Pravas Ranjan Sahu (PRS)]  <b>Elective V:</b> ASP: Adaptive Signal Processing (EC6L023) [Dr. Barathram. Ramkumar (BRAM)] ATOR: Advanced Techniques in Operation Research (MA7L022) GIREs: Grid Integration of Renewable Energy Systems (EE6L013)[Dr. Chandrasekhar Perumalla (CP)]  Power System Lab - II (EE6P003) [Prof. S R Samantaray (SRS)] Seminar-II (EE6S002) [Dr. Ankit Ravindra Deshmukh (ARD)]/Dr. Ankit Dalal(AD)]	
		Sixth						LUNCH	Breadth-4		Lateral-3			
		Eighth		MRS (DG) /ASP (BRAM) SES-118/ SES-116					LUNCH		APE (OR) /MMS (DPD) SES-116 /SES-318			ADSP (NBP) SES-318
	Dual degree	Eighth					PCED Lab (DD) SES-215/SES-012		LUNCH	APE (OR) SES-116				
		Tenth							LUNCH			ADSP (NBP) SES-318		
				ASP (BRAM) SES-116			PCED Lab (DD) SES-215/SES-012		LUNCH	APE (OR) SES-116		ADSP (NBP) SES-318		
MTech (PED)	Second		ASP (BRAM) SES-116				LUNCH	APE (OR) SES-116		ADSP (NBP) SES-318				
MTech (PSE)	Second		ASP (BRAM) SES-116				LUNCH	APE (OR) SES-116		ADSP (NBP) SES-318				
Wednesday	BTech	Fourth	NT 203, LBC	DEM 005, LBC	EM (OR) 005, LBC		LUNCH	Lateral-1		Breadth-2				
		Sixth	DSP (T) (HPP) SES-318	PSOC (CNB) SES-318			DSP (L) (HPP) LBC-203	LUNCH		CS Lab (Gr-2) (ARD) SES-103				
		Eighth	APE (OR) /MMS (DPD) SES-116 /SES-211	WMC (SPD) / DF-1 (MS+Adj) SES-116/ SES-118	HPCA (DT+Adj) SES-211		LUNCH			RES Lab (CP) Gr-1 SES-010/ SES-A209		Open Elective 318, SES	Open Elective 318, SES	
	Dual degree	Eighth	APE (OR) SES-116				LUNCH							
		Tenth					LUNCH				Open Elective 318, SES	Open Elective 318, SES		
	MTech (PED)	Second	APE (OR) SES-116		PSDC (NCS) SES-116		Seminar-II (ARD+AD) SES-118	LUNCH		MATH 318, SES	MATH 318, SES	Open Elective 318, SES	Open Elective 318, SES	
MTech (PSE)	Second	APE (OR) SES-116		PSDC (NCS) SES-116		Seminar-II (ARD+AD) SES-118	LUNCH		MATH 318, SES	MATH 318, SES	Open Elective 318, SES	Open Elective 318, SES		
Thursday	BTech	Fourth	EM (T)/DEM (T) Gr-1/Gr-2 201/202, LBC	DEM (T)/EM (T) Gr-1/Gr-2 201/202, LBC	NT (T) Gr-1 203, LBC	NT (T) Gr-2 203, LBC	LUNCH			ESTM 203, LBC				
		Sixth		DSP Lab (BRAM) Gr-2 SES - 112/ CS Lab (Gr-1) (ARD) SES- 103			LUNCH		Lateral-3		Breadth-4			
		Eighth		AMD (DD) SES-116 / ITC (AT) SES-205	WMC (SPD) /DF-1 (MS+Adj) SES-116/ SES-118			LUNCH		RES Lab (CP) Gr-2 SES-010/ SES-A209		Open Elective 318, SES	Open Elective 318, SES	
	Dual degree	Eighth		AMD (DD) SES-116			LUNCH			RES Lab (CP) SES-010/ SES-A209				
		Tenth					LUNCH				Open Elective 318, SES	Open Elective 318, SES		
	MTech (PED)	Second		AMD (DD) SES-116			LUNCH		MATH 318, SES	MATH 318, SES	Open Elective 318, SES	Open Elective 318, SES		
MTech (PSE)	Second		AMD (DD) SES-116		PS Lab - II (SRS) SES-215/SES-306		LUNCH	MATH 318, SES	MATH 318, SES	Open Elective 318, SES	Open Elective 318, SES			
Friday	BTech	Fourth		NT 203, LBC		DEM 005, LBC	LUNCH		EM Lab (Gr-2) (CNB) 002, SES					
		Sixth					DSP Lab Gr-1 (HPP) SES - 112 / PS Lab (Gr-2) (SBK) SES-215/SES-306	LUNCH		CS (L) (ARD) LBC-203		DSP (L) (HPP) LBC-203		
		Eighth	GIREs (CP) SES-116	ITC (AT) SES-205			PSP (SRS) /CC (SDM) SES-116/ SES-205	LUNCH		MRS (DG) /ASP (BRAM) SES-118/ SES-116		HVDC (SBK) / SE (SP) SES-116 / SES-318		
	Dual degree	Eighth	GIREs (CP) SES-116				LUNCH							
		Tenth					LUNCH					HVDC (SBK) SES-116		
	MTech (PED)	Second	GIREs (CP) SES-116		PSDC (NCS) SES-116		PSP (SRS) SES-116	LUNCH		ASP (BRAM) SES-116		HVDC (SBK) SES-116		
MTech (PSE)	Second	GIREs (CP) SES-116		PSDC (NCS) SES-116		PSP (SRS) SES-116	LUNCH		ASP (BRAM) SES-116		HVDC (SBK) SES-116			

**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.