

STUDENTS TIME TABLE
BIOTECHNOLOGY

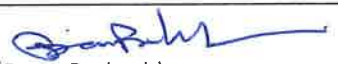
BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
SPRING 2023



w.e.f.: 03/01/2023

Department: BIOENGINEERING & BIOTECHNOLOGY				Programm: B.Tech			BRANCH: BIO TECH			Semester: IV
Days		Room No: 111								
	I	II	III	IV	V	BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday		FMHT (MKS)	BIS (SRS)	TCBS				NPB (306)/ BEBF	CE (112)/ ET	
Tuesday		TCBS	BIS (SRS)	NPB (306)/ BEBF	OE I			CE (112)/ ET	NCC / NSS/ PT & GAMES (PTG)/ CA	
Wednesday	OE I	FMHT (MKS)	BIS (SRS)					NPB (306)/ BEBF	CE (112)/ ET	
Thursday		FMHT (MKS)	TCBS		OE I			Microbiology and Immunology Lab./ Fluid Mechanics & Heat Transfer Lab.		
Friday	EE Lab							Microbiology and Immunology Lab./ Fluid Mechanics & Heat Transfer Lab.		

Course Code	Course Title	FACULTY	CREDIT
BE209	Fluid Mechanics & Heat Transfer (FMHT)	MKS	3
BE208	Biology of Immune System (BIS)	SRS	3
BE210	Thermodynamics of Chemical & Biological Systems (TCBS)	AJ/RP	3
BE215	Cellular Electrophysiology (CE)	RKS	3
BE216	Enzyme Technology (ET)	SHC	3
BE214	Natural Product Biotechnology (NPB)	SGS	3
BE318	Bioenergy & Biofuel (BEBF)	MKS	3
	Open Elective (OE I)		3
BE212	Fluid Mechanics & Heat Transfer Lab.	MKS/AD	1.5
EE102	Electrical Engineering Lab. (EE Lab.)		1.5
BE211	Microbiology and Immunology Lab.	SRS/SGS	1.5
MC201/202/203/204	NCC / NSS/ PT & GAMES (PTG)/ CA	Dr. K. K. Senapati, Dr. O. P. Pandey, Dr. M. Yadav, Mr. Mrinal Pathak	1
TOTAL CREDIT			23.5


(Prem Prakash)
Co-ordinator
Central Time Table, BIT MESRA


Department Time Table coordinator


HOD


(Dr. Vibha Rani Gupta)
Dean (UG Studies)

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SPRING 2023



w.e.f.: 03/01/2023

Department: BIOENGINEERING & BIOTECHNOLOGY				Programm: B.Tech		BRANCH: BIO TECH			Semester: VI	
Days		Room No: 112								
	I	II	III	IV	V	BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday		TCBS (RP)	Biosep. Engg (SHC)	Bioprocess Engg (VKN)			OE III	Biomaterials (YA)	Minor Course - I/ Perl & Bioperl	Minor Course - II
Tuesday		TCBS (RP)	Biosep. Engg (SHC)	Bioprocess Engg (VKN)						
Wednesday		TCBS (RP)	Biosep. Engg (SHC)	Bioprocess Engg (VKN)			OE III	Biomaterials (YA)	Minor Course - I/ Perl & Bioperl	Minor Course - II
Thursday		Bioprocess Engineering LAB/ Mass Transfer and Bioseparation Engg Lab					Minor Course Lab./ Biosequence Analysis and Programming Lab (KOM/AJ)			
Friday		Bioprocess Engineering LAB/ Mass Transfer and Bioseparation Engg Lab					OE III	Biomaterials (YA)	Minor Course - I/ Perl & Bioperl	Minor Course - II

Subject Code	Subject Title	FACULTY		Credits
BE307	Bioprocess Engineering	VKN	Dr. V. K. Nigam	3
BE308	Bioseparation Engineering	SHC	Dr. Soham Chattopadhyay	3
BE210	Thermodynamics of Chemical & Biological Systems (TCBS)	RP	Dr. Raju Poddar	3
BE312	Biomaterials	YA	Dr. Yogendra Agarwal	3
	OE III			3
MC300	Summer Training			2
BE310	Bioprocess Engineering LAB	VKN/ RP	Dr. V. K. Nigam/ Dr. Raju Poddar	1.5
BE311	Mass Transfer and Bioseparation Engg Lab	SHC	Dr. Soham Chattopadhyay	1.5
TOTAL CREDIT				20


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SPRING 2023



w.e.f.: 03/01/2023

Department: BIOENGINEERING & BIOTECHNOLOGY				Programm: B.Tech		BRANCH: BIO TECH		Semester: VIII		
Days	I	II	III	IV	V	BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday			Departmental Project II				Departmental Project II			
Tuesday			Departmental Project II							
Wednesday			Departmental Project II				Departmental Project II			
Thursday			Departmental Project II							
Friday			Departmental Project II				Departmental Project II			

Course Code	Course Title	Credit
BE400	Research Project	10



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SPRING 2023



w.e.f.: 03/01/2023

Department: BIOENGINEERING & BIOTECHNOLOGY				Programm: M. Tech			BRANCH: BIO TECH			Semester: I
Days		Room No: 113								
	I	II	III	IV	V	LUNCH BREAK	VI	VII	VIII	IX
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday		Adv. Biosep. Engg (VKN)	Bioprocess Plant Design (PP)	Biophysics (RP)						
Tuesday		Adv. Biosep. Engg (VKN)	PE III	Biophysics (RP)			Advanced Bioseparation Engineering Lab/ Bioprocess Plant Design LAB			
Wednesday		Adv. Biosep. Engg (VKN)	IPR (HRS)	Biophysics (RP)			Advanced Bioseparation Engineering Lab/ Bioprocess Plant Design LAB			
Thursday		IPR (HRS)	Bioprocess Plant Design (PP)	PE III				MT133 Communication Skill II		
Friday		IPR (HRS)	Bioprocess Plant Design (PP)	PE III						

Course Code	Course Title	FACULTY	Credits
BE506	Bioprocess Plant Design (BPD)	PP Dr. P. Padmanabhan	3
BE507	Advanced Bioseparation Engineering (ABSE)	VKN Dr. V. K. Nigam	3
BE508	Biophysics (BP)	RP Dr. Raju Poddar	3
BE601	IPR, Biosafety, Bioethics	HRS Dr. H. R. Singh	3
BE602	Advances in Nanobiotechnology	SS Dr. Sneha Singh	3
BE509	Bioprocess Plant Design LAB	Dr. P. Padmanabhan/ Dr. M. K. Sampath	2
BE510	Advanced Bioseparation Engineering Lab	Dr. V. K. Nigam/ Dr. S. Chattopadhyay	2
MT133	Communication Skill II	Dr. Rohit Pandey	1.5
TOTAL CREDIT			20.5


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Dean (PG Studies)

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SPRING 2023



w.e.f.: 03/01/2023

Department: BIOENGINEERING & BIOTECHNOLOGY				Program: M. Sc.			BRANCH: BIO TECH			Semester: II	
Days		Period/Time/Subject					Room No: 114				
	I	II	III	IV	V		VI	VII	VIII	IX	
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50		13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20	
Monday		BIOINFO (KOM)	MBDNA (KM)	Enz. Bioproc. Tech. (RC)		LUNCH BREAK	Anal Tech in BT (MK)	PE II	BE427 (YA)	OE	
Tuesday		BIOINFO (KOM)	MBDNA (KM)	Enz. Bioproc. Tech. (RC)			Genomics and rDNA Tech Lab/ Enzyme and Bioprocess Tech Lab				
Wednesday	MT133 Communication Skill II						Anal Tech in BT (MK)	PE II	BE427 (YA)	OE	
Thursday		Enz. Bioproc. Tech. (RC)	MBDNA (KM)	BIOINFO (KOM)			Genomics and rDNA Tech Lab/ Enzyme and Bioprocess Tech Lab				
Friday	Lab based on PE II						Anal Tech in BT (MK)	PE II	BE427 (YA)	OE	

Course Code		Course Title	Room No		FACULTY	Credit	
BT 415		Molecular Biology & rDNA Technology (MBDNA)	114		KM	Dr. Kunal Mukhopadhyay	3
BT 416		Enzyme and Bioprocess Technology	114		RC	Dr. Ramesh Chandra	3
BT 417		Bioinformatics	114		KOM	Dr. Koel Mukherjee	3
BT 418		Analytical Techniques in Biotechnology	114		MK	Dr. Manish Kumar	3
BT 421		PROTEOMICS	114		DMP	Dr. D.M. PANDEY	3
BT423		Animal Biotechnology	109		HRS	Dr. H. R. Singh	
BT 425		Plant Biotechnology	306		SC	Dr. Sheela Chandra	
BT427		BIOMED EQUIP AND DEV	BMI Lab		YA	Dr. Yogendra Agarwal	
BT 429		Concept in Nanobiotechnology	112		SS	Dr. Sneha Singh	
BT 419		Enzyme and Bioproc Tech Lab			Dr. R Chandra/ Dr. Y. Agarwal		2
BT420		Genomics and rDNA Tech Lab			Dr. K Mukhopadhyay/ Dr. M. Kumar		2
BT422/424/426/428/430		Lab based on PE II					2
		OPEN ELECTIVE					3
MT133		Communication Skill II			Dr. Rohit Pandey		1.5
TOTAL CREDIT							25.5

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