

**STUDENTS TIME TABLE  
BIOTECHNOLOGY**

BIRLA INSTITUTE OF TECHNOLOGY  
MESRA, RANCHI  
TIME TABLE  
SPRING 2022



w.e.f.: 12/01/2022

Department: BIOENGINEERING & BIOTECHNOLOGY		Programm: B.Tech		BRANCH: BIO TECH		Semester: IV			
Days	Period/Time/Subject								
	I 09:00-09.50	II 10:00-10.50	III 11:00-11.50	IV 12:00-12.50	BREAK	V 13:30-14.20	VI 14:30-15.20	VII 15:30-16.20	VIII 16:30-17.20
Monday	PE 1	UHV (AD)	FMHT (MKS) *				Microbiology and Immunology Lab. (SRS/SGS)		OE 1
Tuesday	PE 1	FMHT (MKS)	BSE	BIC				NCC / NSS/ PT & GAMES (PTG)/ CA	
Wednesday	UHV (AD)	BIS (SRS)	FMHT (MKS)	BIC					OE 1
Thursday	BIS (SRS)		BSE	BIC			Fluid Mechanics & Heat Transfer Lab. (MKS/SHC)		
Friday	PE 1	UHV (AD)	BIS (SRS)				EE Lab		OE 1

Course Code	Course Title		FACULTY	CREDIT	
BE209	Fluid Mechanics & Heat Transfer (FMHT)		MKS	Dr. Muthu Kumar Sampath	3
BE208	Biology of Immune System (BIS)		SRS	Dr. Subha Rani Sharma	3
IT201	Basics of Intelligent Computing (BIC)			Dr. Subrajeet Mohapatra	3
BE101	Biological Science for Engineers (BSE)		SRS	Dr. Subha Rani Sharma	2
IT131	Undrstanding Harmony		AD	Dr. Anjana Diwedi	3
BE215	Cellular Electrophysiology	PE 1	RKS	Dr. Rakesh Kumar Sinha	3
BE216	Enzyme Technology		SGS	Dr. Shashwati Ghosh Sachan	
	Open Elective (OE I)				3
BE212	Fluid Mechanics & Heat Transfer Lab.		MKS/SHC		1.5
EE102	Electrical Engineering Lab. (EE Lab.)			Dr. Surya Prakash	1.5
BE211	Microbiology and Immunology Lab.		SRS/SGS		1.5
MC201/202/2	NCC / NSS/ PT & GAMES (PTG)/ CA		Dr. K. K. Sempati, Dr. O. P. Pandey Dr. Mahendra Yadav, Mr. Minnal Prakash		1
<b>TOTAL CREDIT</b>					<b>25.5</b>

*Prem Prakash*  
(Prem Prakash)

Co-ordinator  
Central Time Table, BIT MESRA

*Soham Chattopadhyay*  
Department Time Table coordinator

*Rakesh*  
HOD

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

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Days	I	II	III	IV	BREAK	V	VI	VII	VIII
	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	PE III	Biosep. Engg. (SHC)			BREAK				OE III
Tuesday		Bioprocess Engg (VKN)	Ferm. Eng. (PP)			Bioprocess Engineering LAB (VKN/KOM)			
Wednesday	PE III	Bioprocess Engg (VKN)				Mass Transfer and Bioseparation Engg Lab (SHC/KOM)			OE III
Thursday	PE III	Biosep. Engg. (SHC)	Ferm. Eng. (PP)						
Friday	Bioprocess Engg (VKN)	Biosep. Engg. (SHC)	Ferm. Eng. (PP)						OE III

Subject Code	Subject Title		FACULTY	Credits
BE307	Bioprocess Engineering		VKN   Dr. V. K. Nigam	3
BE308	Bioseparation Engineering (BSP)		SHC   Dr. Soham Chattopadhyay	3
BE309	Fermentation Engineering		PP   Dr. Padmini Padmanabhan	3
BE318	Bioenergy and Biofuel	PEIII	MKS   Dr. Muthu Kr. Sampath	3
BE319	Bioelectronics-Concept & Instru		AD   Dr. Anjana Diwedi	
	OE III			3
MC300	Summer Training			3
BE310	Bioprocess Engineering LAB		VKN/ KOM   Dr. V.K. Nigam	1.5
BE311	Mass Transfer and Bioseparation Engg Lab		SHC/KOM   Dr. Soham	1.5
<b>TOTAL CREDIT</b>				<b>21</b>

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Days	I	II	III	IV	BREAK	V	VI	VII	VIII
	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	12

  
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SPRING 2022



w.e.f.: 12/01/2022


Department: BIOENGINEERING & BIOTECHNOLOGY		Programm: M. Tech			BRANCH: BIO TECH				Semester: II
Days	I	II	III	IV	LUNCH BREAK	V	VI	VII	VIII
	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	Bioprocess Plant Design (PP)	Adv. Biosep. Engg. (VKN)	Biophysics (RP)			Advanced Bioseparation Engineering Lab (VKN/SHC)			
Tuesday	Bioprocess Plant Design (PP)		Biophysics (RP)			PE III			
Wednesday	Bioprocess Plant Design (PP)	Biophysics (RP)	IPR (HRS)						
Thursday		Adv. Biosep. Engg. (VKN)	IPR (HRS)			PE III			
Friday	IPR (HRS)	PE III	Adv. Biosep. Engg. (VKN)			Bioprocess Plant Design LAB (PP/MKS)			

Course Code	Course Title		FACULTY	Credits
BE506	Bioprocess Plant Design (BP'D)		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	PE III	SS Dr. Sneha Singh	3
BE603	Metabolic Engineering		DP Dr. Dinesh Prasad	
BE509	Bioprocess Plant Design LAB		PP/MKS Dr. P. Padmanabhan	2
BE510	Advanced Bioseparation Engineering Lab		VKN/SHC Dr. V. K. Nigam	2
<b>TOTAL CREDIT</b>				<b>19</b>

  
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Days	Period/Time/Subject								
	I 09:00-09.50	II 10:00-10.50	III 11:00-11.50	IV 12:00-12.50	V 13:30-14.20	VI 14:30-15.20	VII 15:30-16.20	VIII 16:30-17.20	
Monday		MBDNA (KM)	Enz. Bioproc. Tech. (RC)			BIOINFO (KOM)	PE II		
Tuesday	OE	MBDNA (KM)	Anal Tech in BT (MK)			BIOINFO (KOM)	PE II		
Wednesday	PE II	MBDNA (KM)	Enz. Bioproc. Tech. (RC)		Enzyme and Bioprocess Tech Lab (RC/SGS)				
Thursday	OE	Enz. Bioproc. Tech. (RC)	Anal Tech in BT (MK)		Genomics and rDNA Tech Lab (KM/MK)				
Friday	OE	Anal Tech in BT (MK)	BIOINFO (KOM)		Lab based on PE II				

Course Code	Course Title		FACULTY	Credit
BT 415	Molecular Biology & rDNA		KM Dr. Kunal Mukhopadhyay	3
BT 416	Enzyme and Bioprocess Technology		RC Dr. Ramesh Chandra	3
BT 417	Bioinformatics		KOM Dr. Koel Mukherjee	3
BT 418	Analytical Techniques in Biotechnolo		MK Dr. Manish Kumar	3
BT 421	PROTEOMICS		DMP Dr. D.M. PANDEY	3
BT423	Animal Biotechnology	PE II	HRS Dr. H. R. Singh	
BT 425	Plant Biotechnology		SC Dr. Sheela Chandra	
BT 429	Concept in Nanobiotechnology		SS Dr. Sneha Singh	
BT 419	Enzyme and Bioprocess Tech Lab			RC/SGS Dr. Ramesh Chandra
BT420	Genomics and rDNA Tech Lab		KM/MK Dr. Kunal Mukhopadhyay	2
BT422/424/426/430	Lab based on PE II			2
	OPEN ELECTIVE			3
<b>TOTAL CREDIT</b>				<b>24</b>

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