

STUDENTS TIME TABLE
BIOTECHNOLOGY

BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
SPRING 2021



w.e.f.: 11/01/2021

Department: BIO-ENGINEERING				BRANCH: BE BIO TECH				Semester: IV	
Days	Period/Time/Subject								
	I	II	III	IV	V	VI	VII	VIII	
	9.00-10.00	10.15-11.15	11.30-12.30	12.45-1.45	2.00-3.00	3.15-4.15	4.30-5.30	5.45-6.45	
Monday	BIS (SRS)	OE 1	TCBS (RP)			BIC			
Tuesday	BIS (SRS)	PE 1	TCBS (RP)			BSE			
Wednesday	OE 1		FMHT (MKS)			BIC	BSE		
Thursday	BIS (SRS)		FMHT (MKS)		BIC	PE 1			
Friday	TCBS (RP)	OE 1	FMHT (MKS)			PE 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
BE210	Thermodynamics of Chemical & Biological Systems (TCBS)	RP	Dr. Raju Poddar	3
IT201	Basics of Intelligent Computing (BIC)			3
BE101	Biological Science for Engineers (BSE)			2
BE214	Natural Product Biotechnology	PE 1	SGS	3
BE215	Cellular Electrophysiology		RKS	
BE216	Enzyme Technology		SHC	
	Open Elective (OE I)			3
BE212	Fluid Mechanics & Heat Transfer Lab.			1.5
EE102	Electrical Engineering Lab. (EE Lab.)			1.5
BE211	Microbiology and Immunology Lab.			1.5
MC201/202/2	NCC / NSS/ PT & GAMES (PTG)/ CA			1

TOTAL CREDIT	25.5
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w.e.f. : 11/01/2021

Prem Prakash
(Prem Prakash)

Co-ordinator Central Time Table (Add.)

Rakesh

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

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MESRA, RANCHI
TIME TABLE
SPRING 2021



Department: BIO-ENGINEERING				BRANCH: BE BIO TECH				Semester: VI	
Days	I	II	III	IV	V	VI	VII	VIII	
	9.00-10.00	10.15-11.15	11.30-12.30	12.45-1.45	2.00-3.00	3.15-4.15	4.30-5.30	5.45-6.45	
Monday		Bioprocess Engg (VKN)	Ferm. Eng. (SKJ)		PE III (BE319)	Biosep. Engg. (SHC)			
Tuesday	OE III	Bioprocess Engg (VKN)	Biosep. Engg. (SHC)		PE III (BE319)				
Wednesday	PE III (BE317/ BE318)	OE III	Bioprocess Engg (VKN)		PE III (BE319)				
Thursday	OE III		Ferm. Eng. (SKJ)		PE III (BE318)	PE III (BE317)			
Friday		Biosep. Engg. (SHC)	Ferm. Eng. (SKJ)		PE III (BE318)	PE III (BE317)			

Subject Code	Subject Title	FACULTY		Credits	Room No:	
BE307	Bioprocess Engineering	VKN	Dr. V. K. Nigam	3		
BE308	Bioseparation Engineering (BSP)	SHC	Dr. Soham Chattopadhyay	3		
BE309	Fermentation Engineering	SKJ	Dr. S. K. Jha	3		
BE317	Stem cell and Tissue Eng	PEIII	SS	3		
BE318	Bioenergy and Biofuel		MKS			Dr. Muthu Kr. Sampath
BE319	Bioelectronics-Concept & Instru		YA			Dr. Yogender Aggarwal
	OE III			3		
MC300	Summer Training			3		
BE310	Bioprocess Engineering LAB			1.5		
BE311	Mass Transfer and Bioseparation Engg Lab			1.5		
TOTAL CREDIT				21		

Prem Prakash
(Prem Prakash)
Co-ordinator Central Time Table (Add.)

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

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MESRA, RANCHI
TIME TABLE
SPRING 2021



w.e.f.: 11/01/2021

Department: BIO-ENGINEERING				BRANCH: BE BIO TECH				Semester: VIII	
Days	ROOM NO								
	I	II	III	IV	V	VI	VII	VIII	IX
	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00
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
BT 8050	Departmental Project II	4

Prakash

Prakash

(Prem Prakash)
Co-ordinator Central Time Table (Add.)

Vibha

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

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BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
SPRING 2021





w.e.f. 11/01/2021

Department: BIO-ENGINEERING		BRANCH: M. Tech. BIO TECH						Semester: II	
Days	Period/Time/Subject/Room No.: 310								
	I	II	III	IV	V	VI	VII	VIII	
	9.00-10.00	10.15-11.15	11.30-12.30	12.45-1.45	2.00-3.00	3.15-4.15	4.30-5.30	5.45-6.45	
Monday	OE	Bioprocess Plant Design (PP)			Adv. Biosep. Engg. (VKN)	Biophysics (RP)			
Tuesday	PE II	Bioprocess Plant Design (PP)			Adv. Biosep. Engg. (VKN)	Biophysics (RP)			
Wednesday	OE	Bioprocess Plant Design (PP)				Adv. Biosep. Engg. (VKN)			
Thursday					PE II	Biophysics (RP)			
Friday	OE		PE II						

Course Code	Course Title	FACULTY		Credits	Room No:
BF506	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	
BE517	Protein Engineering	PE II	DP	3	
BE 509	Bioprocess Plant Design LAB			2	
BE 510	Advanced Bioseparation Engineering Lab			2	
	OPEN ELECTIVE			3	

TOTAL CREDIT	19
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(Prem Prakash)
Co-ordinator Central Time Table (Add.)


(Dr. Nisha Gupta)
Dean (PG Programmes)



w.e.f. 11/01/2021

Department: BIO-ENGINEERING			BRANCH: M.Sc.. BIO TECH					Semester: II	
Days	Period/Time/Subject								
	I	II	III	IV	V	VI	VII	VIII	
	9.00-10.00	10.15-11.15	11.30-12.30	12.45-1.45	2.00-3.00	3.15-4.15	4.30-5.30	5.45-6.45	
Monday	OE	MBDNA (KM)	BIOINFO (KOM)						
Tuesday	BIOINFO (KOM)	MBDNA (KM)	Anal Tech in BT (MK)			Enz. Bioproc. Tech. (RC)			
Wednesday	OE	MBDNA (KM)	BIOINFO (KOM)		Nano biotech (BT429)	PE II			
Thursday		Nano biotech (BT429)	Anal Tech in BT (MK)		Enz. Bioproc. Tech. (RC)	PE II			
Friday	OE	Nano biotech (BT429)	Anal Tech in BT (MK)		Enz. Bioproc. Tech. (RC)	PE II			

Course Code	Course Title	FACULTY		Credit	
BT 415	Molecular Biology & rDNA Technology (MBDNA)	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 Biotechnology	MK	Dr. Manish Kumar	3	
BT 421	PROTEOMICS	PE II	DMP	3	
BT423	Animal Biotechnology		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			2	
BT420	Genomics and rDNA Tech Lab			2	
BT 422	Proteomics Lab	Lab based on PE II		2	
BT424	Animal Biotechnology Lab				
BT 426	Plant Biotechnology Lab				
BT 430	Basic Nanobiotechnology Lab				
	OPEN ELECTIVE			3	
TOTAL CREDIT				24	

Rajesh

Prem Prakash
(Prem Prakash)

Co-ordinator Central Time Table (Add.)

Nisha Gupta

(Dr. Nisha Gupta)
Dean (PG Programmes)

**STUDENTS TIME TABLE
BIOTECHNOLOGY**

**BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
SPRING 2021**



Pre PhD

w.e.f.: 11/01/2021

Department: Bioengineering				BRANCH: Biotech			Semester: I		
Days	I	II	III	IV	V	VI	VII	VIII	IX
	9.00-10.00	10.15-11.15	11.30-12.30	12.45-1.45	2.00-3.00	3.15-4.15	4.30-5.30	5.45-6.45	
Monday		MBDNA (KM)	BIOINFO (KOM)		Adv. Biosep. Engg. (VKN)				
Tuesday	Protein Eng (DP)	MBDNA (KM)	Anal Tech in BT (MK)		Adv. Biosep. Engg. (VKN)	Enz. Bioproc. Tech. (RC)	Research Methodology		
	BIOINFO (KOM)								
Wednesday		MBDNA (KM)	BIOINFO (KOM)		Nanobiotech (SS)	Plant Biotech (SC)			
						Adv. Biosep. Engg. (VKN)			
						Animal BT (HRS)			
Thursday		Nanobiotech (SS)	Anal Tech in BT (MK)		Protein Eng (DP)	Plant Biotech (SC)	Research Methodology		
					Enz. Bioproc. Tech. (RC)	Animal BT (HRS)			
Friday		Nanobiotech (SS)	Anal Tech in BT (MK)		Enz. Bioproc. Tech. (RC)	Plant Biotech (SC)			
			Protein Eng (DP)			Animal BT (HRS)			

Rakesh

Course Code	Course Title	FACULTY		Credit
BT 415	Mol Bio & rDNA (MBDNA)	KM	Dr. Kunal Mukhopadhyay	3
BT 417	Bioinformatics	KOM	Dr. Koel Mukherjee	3
BT 418	Analytical Tech in Biotech	MK	Dr. Manish Kumar	3
BT 423	Animal Biotechnology	HRS	Dr. H. R. Singh	3
BT 425	Plant Biotechnology	SC	Dr. Sheela Chandra	3
BT 429	Concept in Nanobiotechnology	SS	Dr. Sneha Singh	3
BE507	Advanced Bioseparation Engineering (ABSE)	VKN	Dr. V. K. Nigam	3

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BE 517	Protein Engineering	DP	Dr. Dinesh Prasad	3
MT 601	Research Methodology			4

Ravish

Prem Prakash
(Prem Prakash)

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Nisha Gupta

(Dr. Nisha Gupta)
Dean (PG Programmes)