

**STUDENTS TIME TABLE**  
**BIOTECHNOLOGY**


BIRLA INSTITUTE OF TECHNOLOGY  
MESRA, RANCHI  
TIME TABLE  
MONSOON 2023



w.e.f.: 01.08.2023


Department: BIOENGINEERING & BIOTECHNOLOGY					BRANCH: B. TECH BIOTECHNOLOGY					Semester: III	
Days	Room No: 114										
	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			BIOINFO	UHV2			CELL & MOL BIO	MICROBIO	BIOCHEM AND ENZ TECH		
Tuesday		Cell Biology and Biochemistry Lab.						NM	BIOCHEM AND ENZ TECH		
Wednesday		CPC	BIOINFO	UHV2			CELL & MOL BIO	MICROBIO	BIOCHEM AND ENZ TECH		
Thursday	NM	CPC	BIOINFO	NM LAB (Lab-I Maths Dept.)							
Friday		CPC	CELL & MOL BIO	MICROBIO			UHV2		NCC/NSS/PT&Games/CA		

Course Code	Course Title	CREDIT	FACULTY
BE202	CELL & MOLECULAR BIOLOGY	3	DMP
BE203	Microbiology	3	SRS
BE204	BIOCHEMISTRY AND ENZYME TECHNOLOGY	3	VKN
BE205	BASICS OF BIOINFORMATICS	3	AJ
BE206	CHEMICAL PROCESS CALCULATION (CPC)	3	MKS
MA203	Numerical Methods (NM)	2	SDJ
MT131	UHV 2: Understanding Harmony	3	AD
BE 207	Cell Biology and Biochemistry Lab.	1.5	DMP/SS
MA204	NM LAB	1	
MC201/202/203/204	NCC/NSS/PT/CA	1	Dr. K. K. Senapati, Dr. O. P. Pandey, Dr. M. Yadav, Mr. Mrinal Pathak
<b>TOTAL</b>		<b>23.5</b>	

  
(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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MONSOON 2023



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Department: BIOENGINEERING & BIOTECHNOLOGY					BRANCH: B. TECH BIOTECHNOLOGY					Semester: V				
Days	Room No: 113									LUNCH BREAK	VI 13:30-14.20	VII 14:30-15.20	VIII 15:30-16.20	IX 16:30-17.20
	I 08:00-08.50	II 09:00-09.50	III 10:00-10.50	IV 11:00-11.50	V 12:00-12.50	VI 13:30-14.20	VII 14:30-15.20	VIII 15:30-16.20	IX 16:30-17.20					
Monday		FUNC. GEN & rDNA	Mass Transfer Operation	REACTION ENGG			Bio Anal Tech	Minor Course -I / In-Depth Course-I	Minor Course -II / In-Depth Course-II					
Tuesday		Bio Anal Tech		PE-III (BE317-113) (BE213-306)		COMMUNICATION SKILLS -MT133			OE-II					
Wednesday		FUNC. GEN & rDNA	Molecular Biology & rDNA Technology Lab/Bio-analytical Lab				REACTION ENGG	Minor Course -I / In-Depth Course-I	Minor Course -II / In-Depth Course-II					
Thursday		FUNC. GEN & rDNA	Mass Transfer Operation	PE-III (BE317-113) (BE213-306)	REACTION ENGG	MINOR COURSE LAB			OE-II					
Friday		Bio Anal Tech	Mass Transfer Operation	PE-III (BE317-113) (BE213-306)			Minor Course -I / In-Depth Course-I	Minor Course -II / In-Depth Course-II	OE-II					

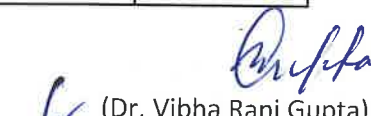
Course Code	Course Title	CREDIT	FACULTY	
BE301	Bio-analytical Techniques	3	MK	Dr. Manish Kumar
BE302	Functional Genomics and rDNA Technology	3	DP	Dr. Dinesh Prasad
BE303	Mass Transfer Operations	3	SHC	Dr. Soham Chattopadhyay
BE304	Reaction Engineering	3	PP	Dr. P. Padmanabhan
BE317	PE III Stem cell and Tissue Engineering	3	SS	Dr. Sneha Singh
BE213			Pharmaceutical Biotechnology	RC
MT133	Communication skills	1.5	RP	Dr. Rohit Pandey
BE305	Molecular Biology & rDNA Technology Lab	1.5	DP/AJ	Dr. D. Prasad/Dr. Alok Jain
BE306	Bio-analytical LAB	1.5	MK/MKS	Dr. M. Kumar/ Dr. Muthu
	OE II	3		
<b>TOTAL</b>		<b>22.5</b>		

  
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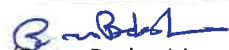
BIRLA INSTITUTE OF TECHNOLOGY  
MESRA, RANCHI  
TIME TABLE  
MONSOON 2023




w.e.f.: 01.08.2023

Department: BIOENGINEERING & BIOTECHNOLOGY					BRANCH: B. TECH BIOTECHNOLOGY					Semester: VII	
Days	Room No: 112										
	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	PE-VI (BE407-112) (BE412-306)				CoI (232)			Fermentation	Bioreactor and Bioprocess Design	OE-IV	
Tuesday								Bioreactor and Bioprocess Design	Minor Course -III / In-Depth Course- III	Plant & Agri Biotech	
Wednesday	Bioreactor and Bioprocess Design			CoI(234)			Minor / In-Depth Lab			OE-IV	
Thursday	PE-VI (BE407-112) (BE412-306)	Plant Cell Technology Lab			Plant & Agri Biotech			Fermentation	Minor Course -III / In-Depth Course- III	Bioreactor and Bioprocess Design	
Friday	PE-VI (BE407-112) (BE412-306)	Minor Project					Plant & Agri Biotech	Fermentation	OE-IV	Minor Course -III / In-Depth Course- III	


Subject Code	Subject Title	CREDIT	Faculty	FACULTY FULL NAME
BE402	Bioreactor and Bioprocess Design	4	SHC	Dr. Soham Chattopadhyay
BE403	Plant & Agriculture Biotechnology	3	SC	Dr. Sheela Chandra
BE407	PE VI Nanobiotechnology	3	SS	Dr. Sneha Singh
BE412			Process Biotechnology	VKN
BE400M	Minor Project	3		
OE	OE IV	3		
BE309	Fermentation Engineering	3	MKS	Dr. Muthu Kumar Sampath
MT204	CONSTITUTION OF INDIA (CI)	0	RNB	Dr. R.N. Bhagat
BE404	Plant cell technology Lab	1.5	SC/YA	Dr. Sheela / Dr. Yogender
BE417	Molecular Mod. & Drug Design Lab	1.5	KOM/AJ	Dr. Koel/Dr. Alok
<b>TOTAL</b>		<b>20.5</b>		

  
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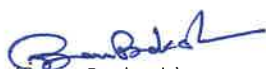
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Subject: Specialization		BRANCH: Bioengineering					Semester: V				
Days	Room No: 113										
	I	II	III	IV	V	LUNCH BREAK	VI	VII	VIII	IX	
	08:00-08.50	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50			13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday								PBP		MSB	
Tuesday											
Wednesday								PBP		MSB	
Thursday											
Friday								PBP	MSB		


Course Code	Course Title	FACULTY		CREDIT
BE329	Perl and Bioperl Programming	KOM	Dr. Koel Mukherjee	3
BE328	Molecular Simulation of Biomolecules	AJ	Dr. Alok Jain	4

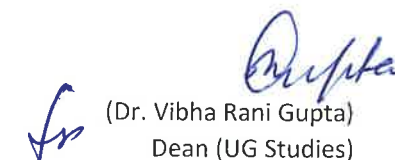
Subject: Specialization		BRANCH: Bioengineering					Semester: VII			
Days	Room No: 112									
	I	II	III	IV	LUNCH BREAK	V	VI	VII	VIII	
	09:00-09.50	10:00-10.50	11:00-11.50	12:00-12.50			13:30-14.20	14:30-15.20	15:30-16.20	16:30-17.20
Monday										
Tuesday									SB	
Wednesday							Minor / In-Depth Lab			
Thursday									SB	
Friday										SB

Course Code	Course Title	FACULTY		CREDIT
BE415	Systems Biology	AD	Dr. Anjana Dwivedi	3
BE417	Molecular modelling & Drug Design Lab (MMDD Lab)	KOM	Dr. Koel Mukherjee	1.5

  
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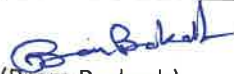
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Department: BIOENGINEERING & BIOTECHNOLOGY					BRANCH: M. Tech BIOTECHNOLOGY			Semester: I		
Days	Room No: 112									
	I 08:00-08.50	II 09:00-09.50	III 10:00-10.50	IV 11:00-11.50	V 12:00-12.50	LUNCH BREAK	VI 13:30-14.20	VII 14:30-15.20	VIII 15:30-16.20	IX 16:30-17.20
Monday	Comm Skills I				PE-I (BE512-112) (BE515-306)					
Tuesday		ADV REACTION ENGG	rDNA		ADV BIOPROCESS ENGG					
Wednesday		ADV REACTION ENGG	rDNA		PE-I (BE512-112) (BE515-306)					
Thursday		ADV BIOPROCESS ENGG	rDNA		PE-I (BE512-112) (BE515-306)		Bioprocess Engineering Lab/ r-DNA Tech. Lab			
Friday		ADV REACTION ENGG			ADV BIOPROCESS ENGG		Bioprocess Engineering Lab/ r-DNA Tech. Lab			

Course Code	Course Title		CREDIT	FACULTY	
BE501	Advance Bioprocess Engineering		3	PP	Dr. P. Padmanabhan
BE502	r-DNA Tech. & Genetic Engineering (rDNA)		3	KM	Dr. Kunal Mukhopadhyay
BE503	Advance Reaction Engineering		3	PP	Dr. P. Padmanabhan
BE 512	PE 1	Mod. Met. Inst.	3	MK	Dr. Manish Kumar
BE 515	PE 2	Proc. Biotech.	3	VKN	Dr. Vinod Kumar Nigam
BE504	Bioprocess Engineering Lab		2	SHC/VKN	Dr. Soham/Dr. Nigam
BE505	r-DNA Tech. Lab		2	KM/MK	Dr. Kunal Mukhopadhyay/ Dr. Manish Kumar
MT132	Communication Skills I		1.5	JK	Jyoti Kumari
<b>TOTAL</b>			<b>20.5</b>		

  
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	I 08:00-08.50	II 09:00-09.50	III 10:00-10.50	IV 11:00-11.50	V 12:00-12.50	VI 13:30-14.20	VII 14:30-15.20	VIII 15:30-16.20	IX 16:30-17.20
Monday									OE-II
Tuesday	Thesis Part 1								OE-I
Wednesday									OE-II
Thursday									OE-I
Friday							OE-II	OE-I	

Course Code	Course Title	CREDIT	FACULTY
OE	OE I/ MOOC	3	
	OE II/ MOOC	3	
BE600	THESIS PART I	8	
<b>TOTAL</b>		<b>14</b>	

  
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Department: BIOENGINEERING & BIOTECHNOLOGY					BRANCH: M.Sc BIOTECHNOLOGY			Semester: I	
Days	Room No: 109								
	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			PE-I (BT407-109) (BT411-306)		MBE		APPLIED MICROBIO	MOL CELL BIO	MASB
Tuesday		MOL CELL BIO	Comm Skills I			Cell Biology & Biochemistry Lab/ Microbiology Lab			OE-I
Wednesday			PE-I (BT407-109) (BT411-306)			Cell Biology & Biochemistry Lab/ Microbiology Lab			MASB
Thursday			PE-I (BT407-109) (BT411-306)	APPL. MIC.BIO		MASB	MBE	MOL CELL BIO	OE I
Friday	PE-I lab				MBE		APPLIED MICROBIO		OE I

Course Code	Course Title	CREDIT	FACULTY	
BT401	Molecular Cell Biology	3	DP	Dr. Dinesh Prasad
BT402	Metabolism and Bioenergetics (MBE)	3	SC	Dr. Sheela Chandra
BT403	Applied Microbiology	3	SGS	Dr. S. Ghosh Sachan
BT404	Math and Statistics for Biologists (MASB)	3	RP	Dr. Raju Poddar
BT407	PE I Genomics	3	DMP	Dr. D. M. Pandey
BT411			Molecular Plant Physiology	SC
	OE 1	3		
BT405	Cell Biology & Biochemistry Lab	2	DP/ HRS	Dr. Dinesh/Dr. H. R. Singh
BT406	Microbiology Lab	2	SGS/RP	Dr. Shashwati/Dr. Raju
	PE-1 LAB	2	Dr. D. M. Pandey/ Dr. Anjana/ Dr. Sheela / Dr. Shubha	
MT132	Communication Skills I	1.5	JK	Jyoti Kumari
<b>TOTAL</b>		<b>25.5</b>		

  
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Days	Room No: 111								
	I 08:00-08.50	II 09:00-09.50	III 10:00-10.50	IV 11:00-11.50	V 12:00-12.50	VI 13:30-14.20	VII 14:30-15.20	VIII 15:30-16.20	IX 16:30-17.20
Monday		IMMUNO TECH	MGP	IPR	PE-III (BT509- 109) (BT510-111)				
Tuesday		ENV BIOTECH	IMMUNO TECH				MGP	Dissertation Part I	
Wednesday		IMMUNO TECH	MGP		PE-III (BT509- 109) (BT510-111)			Dissertation Part I	
Thursday		ENV BIOTECH	IPR			IMMUNOTECHNOLOGY LAB/ ENV BIOTECHNOLOGY LAB			
Friday	IPR	IMMUNO TECH	ENV BIOTECH	PE-III (BT509- 109) (BT510- 111)		IMMUNOTECHNOLOGY LAB/ ENV BIOTECHNOLOGY LAB			

Course Code	Course Title		CREDIT	FACULTY	
BT501	IMMUNOTECHNOLOGY		4	SRS	Dr. Subha R Sharma
BT502	ENV BIOTECHNOLOGY		3	SGS	Dr. Shashwati Ghosh
BT503	BIOSAFY BIOETHICS & IPR		3	HRS	Dr. H. R. Singh
BT504	MOLECULAR GENETICS & PHARMA GENOMICS (MGP)		3	RC	Dr. Ramesh Chandra
BT509/BT510	PE-III	DSP/BE	3	VKN/RKS	Dr. Muthu kumar S/Dr. RK Sinha
BT505	IMMUNOTECHNOLOGY LAB		2	SRS/RKS	Dr. Subha Rani Sharma
BT506	ENV BIOTECHNOLOGY LAB		2	SGS/RC	Dr. Shashwati Dr. Ramesh
BT500	Dissertation Part I		4		
<b>TOTAL</b>			<b>24</b>		

  
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