

PHYSICS

BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
Spring 2021



w.e.f. 11.01.21

IMSc II							
Days	Period/Time/Subject/Room No.*						
	I	II	III	IV	V	VI	VII
	09:00-10.00	10:15-11.15	11:30-12.30	12:45-13.45	14:00-15.00	15:15-16.15	16:30-17.30
Monday		W&O	MP-I				
Tuesday	MATHS-III	PPS	EVS		MATHS-III	PPS	
Wednesday		W&O	MP-I				
Thursday	MATHS-III	PPS	EVS		W&O	MP-I	
Friday		PPS	MATHS-III		W&O	MP-I	

Course Code	Course Title	Classes/Week	Teacher	Credit
PH 105	Mathematical Physics-I (MP-I)	4	Dr. Ravindra Kumar	4
PH 106	Waves and Optics (W&O)	4	Dr. S. Keshri	4
MA 108	Mathematics III (MATH-III)	4	Math Dept	4
CE 101	Environmental Science (EVS)	2	Civil Dept.	2
CS 101	Programming for problem solving (PPS)	4	CSE Dept.	4

Total Credits: 18

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

Barbaleh
Central Time Table Coordinator (Add.)

Jyoti
Dean (UGS)

S. K. Sinha

(Prof.S. K. Sinha)
Head, Department of Physics

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Monday	MP-II	AS&A				Maths-IV	EMP
Tuesday	MP-II	AS&A				EMP	Maths-IV
Wednesday	Maths-IV	AS&A					
Thursday					MP-II	EMP	
Friday	Maths-IV	AS&A			MP-II	EMP	

Course Code	Course Title	Classes/Week	Teacher	Credit
PH 207	Mathematical Physics II (MP-II)	4	Dr. Rajeev Kumar	4
PH 208	Elements of Modern Physics (EMP)	4	Dr. R. K. Paul	4
PH 209	Analog Systems & Applications (AS&A)	4	Dr. Sourabh Barua	4
MA 207	Mathematics IV (Maths-IV)	4	Math Dept.	4

Total Credits: 16

B. B. B. B.

*Dr. R. K. Paul
Dean (UAS)*

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

S. K. Sinha

(Prof. S. K. Sinha)
Head, Department of Physics



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Monday	EMT	SM	AET		INPP	AP	
Tuesday							
Wednesday	INPP	AP	AET		EMT	SM	
Thursday					EMT	SM	
Friday	INPP	AP	AET		EMT	SM	

Course Code	Course Title	Classes/Week	Teacher	Credit
PH 315	Electromagnetic Theory (EMT)	4	Dr. P. K. Tiwari	4
PH 316	Statistical Mechanics (SM)	4	Dr. Madhu Priya	4
PH318	Introduction to Nuclear and Particle Physics (INPP)	3	Dr. R. K. Paul	3
PH320	Atmospheric Physics (AP)	3	Dr. Nishi Srivastava	3
PH321	Advanced Experimental Technique (AET)	3	Dr. S. K. Rout	3

Total Credits: 17

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

Ban Babbar

*Jyoti
Dean
(UAS)*

S. K. Sinha

(Prof.S. K. Sinha)
Head, Department of Physics

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IMSc VIII							
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	I	II	III	IV	V	VI	VII
	09:00-10.00	10:15-11.15	11:30-12.30	12:45-13.45	14:00-15.00	15:15-16.15	16:30-17.30
Monday		AQM			EDC	LPA	AMS
Tuesday		AQM		CMPh	EDC	LPA	AMS
Wednesday		AQM			EDC	LPA	AMS
Thursday					EDC		CMPh
Friday							CMPh

Course Code	Course Title	Classes/Week	Teacher	Credit
SAP 2001	Electronics Devices and Circuits (EDC)	4	Dr. S. K. Mukherjee	4
SAP 2105	Atomic and Molecular Spectroscopy (AMS)	3	Dr. S. K. Sinha	3
SAP 2109	Condensed Matter Physics (CMPh)	3	Dr. S. K. Rout	3
SAP 2011	Advanced Quantum Mechanics (AQM)	3	Dr. S. Konar	3
SAP 2013	Laser Physics and Applications (LPA)	3	Dr. K. Bose	3

Total Credits: 16

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

Banbaker

Jyoti
Dean (UHS)

S. K. Sinha

(Prof. S. K. Sinha)
Head, Department of Physics



w.e.f. 11.01.21

IMSc X							
Days	Period/Time/Subject/Room No.*						
	I	II	III	IV	V	VI	VII
	09:00-10.00	10:15-11.15	11:30-12.30	12:45-13.45	14:00-15.00	15:15-16.15	16:30-17.30
Monday		PTF	IN	H&A		AMSc/POD	
Tuesday	PTF		IN	H&A		PSSD/POD	
Wednesday	AMSc	PTF	IN	H&A		PSSD/POD	
Thursday	AMSc		IN	H&A		PSSD/POD	PTF
Friday		PSSD	AMSc				

Course Code	Course Title	Classes/Week	Teacher	Credit
SAP 4029	Introduction to Nanophotonics (IN)	4	Dr. S. Konar	4
SAP 4031	Photonic and Optoelectronic Devices (POD)	4	Dr. D. K. Singh	4
SAP 4033	Holography and Applications (H&A)	4	Dr. K. Bose	4
SAP 4009	Physics of Solid state devices (PSSD)	4	Dr. Rajeev Kumar	4
SAP 4015	Physics of Thin Films (PTF)	4	Dr. S. K. Mukherjee	4
SAP 4011	Advanced Materials Science (AMSc)	4	Dr. Rishi Sharma	4
IMP-10001	Project / Dissertation			8

Total Credits: 32

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

Pranab

*Jyoti
Dean (UUS)*

K. Sinha

(Prof.S. K. Sinha)
Head, Department of Physics

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Monday	Open Elective III	EDC	CMP		SP	AMS	
Tuesday	AMS	SP	CMP				
Wednesday	Open Elective III	EDC	CMP		SP	AMS	
Thursday	AMS	SP					
Friday	Open Elective III	EDC					

Course Code	Course Title	Classes/Week	Teacher	Credit
PH 408	Statistical Physics (SP)	4	Dr. Madhu Priya	4
PH 409	Atomic and Molecular Spectroscopy (AMS)	4	Dr. Sourabh Lahiri	4
PH 410	Electronic Devices & Circuits (EDC)	3	Dr. Dilip Kumar Singh	3
PH 411	Condensed Matter Physics (CMP)	3	Dr. S. Keshri	3
	Open Elective III	3		3

Total Credits: 17

Rishi

(Dr. Rishi Sharma)
Coordinator, Department Time Table

Banbeta L

Ankita
Dean (PUS)

S. K. Sinha

(Prof. S. K. Sinha)
Head, Department of Physics

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Monday		TODF					NEM
Tuesday	NEM	TODF					
Wednesday					NEM		
Thursday		TODF					
Friday	NEM	TODF					

Course Code	Course Title	Classes/Week	Teacher	Credit
PH 517	Nonconventional Energy Materials (NEM)	4	Dr. Rishi Sharma	4
PH 520	Theory Of Dielectrics And Ferroics (TODF)	4	Dr. Ela Sinha	4
PH 550	Project (Phase-II)			8

Total Credits: 16

(Dr. Rishi Sharma)
Coordinator, Department Time Table

(Prof.S. K. Sinha)
Head, Department of Physics