

Teaching Assignment Monsoon Semester (Session: 2023-24)		
Course code with Title	Instructors	Tutors
1xx Courses		
BIO101 - The Basis and Diversity of life	RR(B)	JS
BIO111 - Biology Lab I	SKM/VN/SD(B)	
CHM101 - Basic Inorganic chemistry	DA/ Dr. Moitree Laskar [#]	Dr. Moitree Laskar
CHM111 - Chemistry Lab I	SKP/RKR/Dr. Pritam Mondal/ Dr. Moitree Laskar	Dr. Moitree Laskar
IDC101 - Introduction to Programming	KHP	YAP, VB, KRS
MTH101 - Linear Algebra	AK	
HSS101 - Language skills	ADC (Co-Instructor)	
PHY101 - Mechanics	KL	JSB, SK(P)
PHY111 - Physics Lab I	KPS	SS, RSJ
2xx Courses		
BIO201 - Genetics and evolution	RRC(B)	
BIO211 - Biology Lab III	NGP/SM(B)	
CHM201 - Spectroscopic and other physical methods	JG	
CHM211 - Chemistry Lab III	SV/SR/Dr. Priya Kumari/Dr. Pritam Mondal	
IDC202 - Chemical Biology	SM(BC)	
IDC207-Number theory and Cryptography	KG/ YP	
IDC208 - Introduction to Environmental Science	BS, MK	
IDC211 - Workshop Training	SB(P)	
MTH201 - Curves and surfaces	SOM/ PS	
PHY201 - Waves and optics	ASJ	YS, AC
PHY211 - Physics Lab III	TB	HKJ
Seminar Courses		
IDC351 - Seminar (Attending)	JS/SR&SV/PS/YS	
IDC451 - Seminar (Delivering)	AKB&JS/SR&SV/AV/PS	
IDC601 - Seminar (Attend & Deliver)	AM(B)/BS/SR&SV/KD	
Biology Major Courses (BIO3XX)		
BIO301 - Animals: Form and function	SB(B)	
BIO302 - Advanced cell biology	KC	
BIO303 - Experimental design and hypothesis testing	SBP	
BIO311 - Molecular methods in biology lab	SAS/MS(B)	
Biology Major Courses (BIO4XX)		
BIO401 - Structure and function of genomes	RY	
BIO402 - Microbial physiology and microbial genetics	RC	
BIO411 - Bioinformatics lab	KSS/Guest	
Chemistry Major Courses (CHM3XX)		
CHM301 - Quantum chemistry	KRS	
CHM302 - Organic chemistry	RVA	
CHM303 - Main group chemistry	KRV	
CHM311 - Organic chemistry lab	SAB	
Humanities & Social Sciences (HSS3XX)		
HSS304-Studio Art	AS	
Chemistry Major Courses (CHM4XX)		
CHM401 - Molecular spectroscopy	AKD	
CHM402 - Chemistry of materials	UG	

CHM411 - Physical chemistry lab	ARC/ Dr. Priya Kumari	
Mathematics Major Courses (MTH3XX)		
MTH301 - Real Analysis	CK	
MTH302 - Linear Algebra	CB	
MTH303 - Set theory and Logic	VV	
MTH304 - Group Theory	MS(M)	
Mathematics Major Courses (MTH4XX)		
MTH 401 (Ordinary Differential Equation)	JK	
MTH402 - Functional analysis	SKP(M)	
MTH403 - Fields and Galois Theory	AG	
Physics Major Courses (PHY3XX)		
PHY301 - Classical mechanics	DC	
PHY302 - Quantum mechanics	KPY	
PHY303 - Electrodynamics	AC	
PHY310 - Mathematical methods for physicists I	PD	
PHY311 - Advanced optics and spectroscopy lab	MNB	SB(P)
Physics Major Courses (PHY4XX)		
PHY401 - Nuclear and particle physics	SJ	
PHY402 - Solid state physics	SK(P)	
PHY403 - Atomic and molecular physics	KD	
PHY411 - Nuclear physics lab	PK(P)	MS(P), RK(P)
Chemistry PhD Courses (CHM6XX)		
CHM601 - Advanced Inorganic Chemistry	SS	
Mathematics PhD Courses (MTH6XX)		
MTH601 - Topics in algebra	CAS	
MTH602 - Topics in topology	AM(M)	
Physics PhD Courses (PHY6XX)		
PHY601 - Review of classical mechanics	RSJ	
PHY602 - Review of electrodynamics	AV	
Electives		
Humanities & Social Sciences		
HSS615 -Archaeology of the world: A cultural quest into our global past	PRC	
HSS617- From Plassey to Partition: A History of Modern India	VR	
HSS602 - Social theory: concepts and debates	RB/ AS	
HSS624 Understanding Cultures: Past and Present Using Fieldwork,	PI	
HSS626- Economic History of Modern India	Dr. Sunny Kumar	
HSS627- Idea of India	VR	
HSS635 - Political Philosophy	PK(H)	
HSS637- Reading Records	RB	Only for HSS PhD
HSS639 Advanced theory & method in Paleoanthropology	PRC	Only for HSS PhD
HSS640- Charlie Chaplin's Aesthetic Universe	ADC	
HSS641- Research methods in the Humanities and Social Sciences	VR	Only for HSS PhD
HSS646- Principles of Economics	DS	
HSS650 -Public Policy	DS	Only for HSS PhD
Environmental Sciences		
EES403 - Remote sensing and GIS	CO	
EES404 - Basic meteorology	RA(E)	
EES407 - Environmental impact and risk assessment	MK	
EES410 - Economic Geology	SBH	
EES638 - Paleoclimatology	AA	
EES640 - Global tectonics	YAP/SB(E)	
EES643 - Environmental biotechnology	SP(E)	

Inter-disciplinary Courses		
IDC305 - Selected Analytical Techniques	SSG	
IDC402-(Nonlinear Dynamics)	SS(P)	
IDC408- Environmental hygiene, sanitation and waste management	Dr. Arvind Kumar Shakya/ Dr. Manoj Kumar #	
IDC409 - Introduction to Data Science	VB	
IDC632-Introduction to atmospheric chemistry and physics	VS	
IDC636 - Pedagogy of science	NGP/Dr. Deepika Bansal #	
IDC637 - Science communication	NGP/Dr. Deepika Bansal	
Biology		
BIO308 - Fundamentals of Microbiology	IB	
BIO453 - Principles underlying instrumental biomacromolecular analyses	PG	
BIO609 - Advance Immunology	ShS	
BIO612- RNA Biology	SD(B)	
BIO616- Animal Behavior	MJ	
BIO615 - Developmental biology	LM	
BIO629 - Bioinformatics	KSS/Guest	
BIO631- Molecular Pathogenesis	VN	Only for PhD
Chemistry		
CHM602 - Magnetic Resonance	RR(C)	
CHM606 - Bio-organic chemistry	SOM	
CHM607 - Chemical crystallography	SM	
CHM610 - Chemistry of natural products	RS	
CHM615- Kinetics and Dynamics of Chemical Reactions	PB	
CHM618 - Bioinorganic Chemistry	SKB	
Mathematics		
MTH404- Commutative and homological algebra	VRS	
MTH405- Probability theory	LS	
MTH406- Manifolds	SDM	
MTH414: Advanced Complex Analysis	RP	
MTH 424: Introduction to Lie algebra	TK	
Physics		
PHY422- Computational Methods for Physics-I	RK(P)	
PHY424: Relativistic quantum mechanics and quantum field theory	CSA	
PHY631- Quantum Computation and Quantum Information	MS(P)	
PHY635 - Gravitation and Cosmology	JSB	
PHY667- Quantum Magnetism	YS	

Expansion of Initials of Faculty			
Initials	Name	Initials	Name
AA	Dr. Anoop Ambili	PS	Dr. Pranab Sardar
AC	Dr. Abhishek Chaudhuri	RA(E)	Dr. Raju Attada
ADC	Dr. Adrene Freeda D'Cruz	RB	Dr. Ritajyoti Bandhopadhyay
AG	Dr. Abhik Gnguli	RC	Dr. Rachna Chhaba
AK	Dr. Amit Kulshrestha	RK(P)	Dr. Rajeev Kapri
AKB	Prof. Anand K. Bachhawat	RKR	Dr. Raj Kumar Roy
AKD	Dr. Arijit K De	RP	Dr. Ratan Pal
AM(B)	Prof. Arunika Mukhopadhaya	RR(B)	Dr. Rajesh Ramachandran
AM(M)	Dr. Alok Maharana	RR(C)	Dr. Ramesh Ramachandran
ARC	Dr. Angshuman Roy Choudhury	RRC(B)	Dr. Rhitoban Ray Chaudhuri
AS	Prof. Anu Sabhlok	RS	Dr. S. V. Rama Sastry
ASJ	Dr. Ambresh Shivaji	RSJ	Prof. Ramandeep S. Johal
AV	Dr. Ananth Venkatesan	RVA	Prof. R. Vijay Anand
BS	Dr. Baerbel Sinha	RY	Dr. Ram Yadav
CAS	Dr. Chandrakant Aribam Sharma	SAB	Prof. S. Arulananda Babu
CB	Dr. Chetan Balwe	SAS	Dr. Santosh Satbhai
CK	Prof. Chanchal Kumar	SB(B)	Dr. Samarjit Bhattacharyya
CO	Dr. Chandrakant Ojha	SB(E)	Dr. Sharmila Bhattacharya #
CSA	Professor C S Aulakh	SB(P)	Dr. Samir Biswas
DA	Dr. Debashish Adhikari	SBH	Dr. Sourabh Bhattacharya
DC	Dr. Dipanjan Chakraborty	SBM	Dr. Subhabrata Maiti
DS	Dr. Debdulal Saha	SBP	Dr. Shashi Bhushan Pandit
GS	Dr. Goutam Sheet	SD(B)	Dr. Sadhan Das
HKJ	Dr. Harvinder Kaur Jassal	SDM	Dr. Shane D'Mello
IB	Dr. Indranil Banerjee	SG(C)	Dr. Samrat Ghosh
JG	Dr. Jino George	SG(P)	Dr. Sandeep Goyal
JK	Dr. Jotsaroop Kaur	SJ	Dr. Satyajit Jena
JS	Dr. Jogender Singh	SK(P)	Prof. Sanjeev Kumar
JSB	Prof. Jasjeet Singh Bagla	SKB	Dr. Suman K. Barman
KC	Prof. Kausik Chattopadhyay	SKM	Dr. Shravan Kumar Mishra
KD	Prof. Kavita Dorai	SKP(C)	Prof. Santanu K Pal
KG	Prof. Krishnendu Gongopadhyay	SKP(M)	Dr. Santosh Kumar Pamula
KHP	Prof. Kapil H. Paranjape	SM(B)	Prof. Sudip Mandal
KL	Dr. Kinjalk Lochan	SM(BC)	Prof. Samrat Mukhopadhyay
KPL	Prof. Kulinder Pal Singh	SM(C)	Prof. Sanjay Mandal
KPS	Prof. Kamal Priya Singh	SM(P)	Dr. Smriti Mahajan (Inspire faculty)
KPY	Dr. K.P Yogendran	SOM	Dr. Soma Maity
KRS	Dr. K.R. Shamasundar	SP(E)	Dr. Sunil Patil
KRV	Dr. Kuduva R Vignesh	SR	Dr. Sabyasachi Rakshit
KSS	Dr. Kuljeet Singh Sandhu	SS(B)	Prof. Somdatta Sinha
LM	Prof. Lolitika Mandal	SS(C)	Prof. Sanjay Singh
LS	Dr. Lingraj Sahu	SS(P)	Prof. Sudeshna Sinha
MJ	Dr. Manjari Jain	SSG	Dr. Sanchita Sengupta
MK	Dr. Manoj Kumar	SST(B)	Dr. Sharvan Sehwat
MNB	Dr. Manabendra Nath Bera	SV	Dr. Sugumar Venkatramani
MS(B)	Dr. Mahak Sharma	TB	Dr. Tripta Bhatia
MS(M)	Dr. Mahender Singh	TK	Dr. Tanushree Khandai
MS(P)	Dr. Mandip Singh	UG	Dr. Ujjal K. Gautam
NGP	Prof. N.G. Prasad	VB	Dr. Vishal Bharadwaj
NS	Dr. Neeraja Sahasrabudhe	VN	Dr. Vidya Negi
PB	Dr. P. Balanarayan	VR	Dr. V. Rajesh
PD	Dr. Prasenjit Das	VRS	Dr. Varadhranj Ravi Srinivasan
PG	Prof. Purnananda Guptasarma	VS	Prof. Vinayak Sinha
PK(H)	Dr. Philose Koshy #	VV	Dr. Vaibhav Vaish
PK(P)	Dr. Pankaj Kushwaha	YAP	Dr. Yunus Ali Pulpadan
PI	Dr. Prashant Ingole #	YP	Dr. Yashonidhi Pandey
PRC	Dr. Parth R Chauhan	YS	Dr. Yogesh Singh

lecturer on contract