

Teaching Assignment Monsoon Semester (Session: 2022-23)		
Course code with Title	Instructors	Tutors
1xx Courses		
BIO101 - Cellular Basis of life	RR	
BIO111 - Basic Lab I	SKM/VN/SD(B)	
CHM101 - Chemistry of Elements and Chemical Transformations	SBM	
CHM111 - Chem Lab I	ARC,SKP(C), UG	
IDC101 - Introduction to computers	SBP	KPS,VB,SB(P)/YS
MTH101 - Symmetry	CB	
HSS101A - Language skills-A	ADC	
HSS101B - Language skills-B	AS & RB	
PHY101 - Mechanics	GS	
PHY111 - Physical Lab I	VB	MS(P),PC,YS
2xx Courses		
BIO201 - Genetics and evolution	RRC	
BIO211 - Biology Lab III	NGP, SM(B)	
CHM201 - Spectroscopic and other physical methods	JG	
CHM211 - Chemistry Lab III	RR(C), SV, SR	
IDC202 - Chemical Biology	SM(BC)	
IDC205 - Differential equation for scientists	VRS	
IDC208 - Introduction to Environmental Science	VS & SP	
IDC211 - Workshop Training		
MTH201 - Curves and surfaces	SDM	
PHY201 - Waves and optics	KL	
PHY211 - Physics Lab III	SG(P)	
Seminar Courses		
IDC351 - Seminar (Attending)	LM/VN/IB, SR, KG, AC	
IDC451 - Seminar (Delivering)	SM(B)/SB(B)/SD, SR, KG, SJ	
IDC601 - Seminar (Attend & Deliver)	SAS/MJ, SR, KG, SP & VS, SJ	
Biology Major Courses (BIO3XX)		
BIO301 - Animals: Form and function	SB(B)	
BIO302 - Advanced cell biology	KC	
BIO303 - Experimental design and hypothesis testing	NGP	
BIO311 - Molecular methods in biology lab	SAS/SST(B)	
Biology Major Courses (BIO4XX)		
BIO401 - Structure and function of genomes	RY	
BIO402 - Microbial physiology and microbial genetics	RC	
BIO411 - Bioinformatics lab	KSS/SBP	
Chemistry Major Courses (CHM3XX)		
CHM301 - Quantum chemistry	KRS	
CHM302 - Organic chemistry	RS	
CHM303 - Main group chemistry	DA	
CHM311 - Organic chemistry lab	RVA	
Chemistry Major Courses (CHM4XX)		
CHM401 - Molecular spectroscopy	AKD	
CHM402 - Chemistry of materials	UG	

CHM411 - Physical chemistry lab	RKR	
Mathematics Major Courses (MTH3XX)		
MTH301 - Real Analysis	JK	
MTH302 - Linear Algebra	AK	
MTH303 - Set theory and Logic	VV	
MTH304 - Group Theory	TK	
Mathematics Major Courses (MTH4XX)		
MTH402 - Functional analysis	CA	
MTH403 - Manifolds	AM(M)	
Physics Major Courses (PHY3XX)		
PHY301 - Classical mechanics	JSB	
PHY302 - Quantum mechanics	ASJ	
PHY303 - Electrodynamics	AC	
PHY 310 - Mathematical methods for physicists I	DC	
PHY311 - Advanced optics and spectroscopy lab	MNB	
Physics Major Courses (PHY4XX)		
PHY401 - Nuclear and particle physics	KPY	
PHY402 - Solid state physics	YS	
PHY403 - Atomic and molecular physics	KD	
PHY411 - Nuclear physics lab	PK(P)	
Chemistry PhD Courses (CHM6XX)		
CHM601 - Advanced Inorganic Chemistry	SS(C)	
Mathematics PhD Courses (MTH6XX)		
MTH601 - Topics in algebra	AG	
MTH602 - Topics in topology	YP	
MTH605 - Topics in analysis	SKP (M)	
Physics PhD Courses (PHY6XX)		
PHY601 - Review of classical mechanics	SS(P)	
PHY602 - Review of electrodynamics	AV	
Electives		
Humanities & Social Sciences		
HSS602 - Social theory: concepts and debates	AS & RB	
HSS629 - Metaphysics of science	PK (H)	
HSS648 - Development Economics: Theory, policy and practice	DS	
Inter-disciplinary Courses		
EES403 - Remote sensing and GIS	CO	
EES409 - Tropical meteorology	RA	
EES410 - Economic Geology	SOB	
EES4XX - Natural Hazards and Disaster Risk Reduction	YAP *	
EES638 - Paleoclimatology	AA	
IDC305 - Selected Analytical Techniques	SSG	
IDC401 - Theoretical biology	SS(B)	
IDC409 - Introduction to Data Science	KSS	
IDC412 - Field Work in Science Education	HKD	
IDC622-	SB(P)	
IDC631 - Introduction to Geochemistry	SB(E)	
IDC635 - Aerosol Measurement Techniques	BS	

IDC636 - Pedagogy of science	SSA	
IDC637 - Science communication	SSA	
Biology		
BIO308 - Fundamentals of Microbiology	IB	
BIO453 - Principles underlying instrumental biomacromolecular analyses	PG	
BIO456 - Cancer cell biology	MS(B)	
BIO609 - Advance Immunology	AM(B)	
BIO615 - Developmental biology	LM	
Chemistry		
CHM602 - Magnetic Resonance	RR(C)	
CHM606 - Bio-organic chemistry	SV	
CHM607 - Chemical crystallography	SM(C)	
CHM610 - Chemistry of natural products	SAB	
CHM618 - Bioinorganic Chemistry	SKB	
CHM619- Numerical Methods in Chemistry	PB	
Mathematics		
MTH414- Advanced complex analysis	RP**	
MTH418 - Fuchsian groups	PS	
MTH420 - Linear Operators on Hilbert Spaces	LS	
MTH432 - Category theory	KHP	
MTH435 - Random Processes	NS	
Physics		
PHY422- Computational Methods for Physics-I	RK(P)	
PHY423-Mathematical Methods for Physicists 2	SK(P)	
PHY42X- QFT1	AJ	
PHY631- Quantum Computation and Quantum Information	MS(P)	
PHY635 - Gravitation and Cosmology	HKJ	
PHY640 - Non Equilibrium Statistical Mechanics	PD	
PHY642- Non-equilibrium Thermodynamics	RSJ	
PHY668- Soft condensed matter	TB	

* Subject to Senate approval.

** Subject to joining in May 2022

Expansion of Initials of Faculty			
Initials	Name	Initials	Name
AA	Dr. Anoop Ambili	RA(E)	Dr. Raju Attada
AB	Dr. Anirban Bose (Inspire faculty)	RB	Dr. Ritajyoti Bandhopadhyay
AC	Dr. Abhishek Chaudhuri	RC	Dr. Rachna Chhaba
ADC	Dr. Adrene Freeda D'Cruz	RK(P)	Dr. Rajeev Kapri
AG	Dr. Abhik Gnguli	RKR	Dr. Raj Kumar Roy
AJ	Dr. Anosh Joseph	RR(B)	Dr. Rajesh Ramachandran
AKB	Prof. Anand K. Bachhawat	RR(C)	Dr. Ramesh Ramachandran
AKD	Dr. Arijit K De	RRC(B)	Dr. Rhitoban Ray Chaudhuri
AK	Dr. Amit Kulshrestha	RS	Dr. S. V. Rama Sastry
AM(B)	Dr. Arunika Mukhopadhaya	RSJ	Prof. Ramandeep S. Johal
AM(H)	Dr. Arun Murthy	RVA	Dr. R. Vijay Anand
AM(M)	Dr. Alok Maharana	RP	Dr. Ratan Pal
ARC	Dr. Angshuman Roy Choudhury	RY	Dr. Ram Yadav
ARB	Dr. Aru Beri	SAB	Dr. S. Arulananda Babu
AS	Dr. Anu Sabhlok	SAS	Dr. Santosh Satbhai
ASJ	Dr. Ambresh Shivaji	SB(B)	Dr. Samarjit Bhattacharyya
AV	Dr. Ananth Venkatesan	SBP	Dr. Shashi Bhushan Pandit
BS	Dr. Baerbel Sinha	SB(E)	Dr. Sharmila Bhattacharya (Inspire faculty)
CAS	Dr. Chandrakant Aribam Sharma	SKP(M)	Dr. Santosh Kumar Pamula
CB	Dr. Chetan Balwe	SB(P)	Dr. Samir Biswas
CK	Prof. Chanchal Kumar	SBM	Dr. Subhabrata Maiti
CSA	Prof. Charanjit Singh Aulakh	SD(P)	Dr. Sanjib Dey (Inspire faculty)
DA	Dr. Debashish Adhikari	SD(B)	Dr. Sadhan Das
DC	Dr. Dipanjan Chakraborty	SDM	Dr. Shane D'Mello
DJ	Dr. Debrina Jana (Inspire faculty)	SG(C)	Dr. Samrat Ghosh
DS	Dr. Debdulal Saha	SG(P)	Dr. Sandeep Goyal
GS	Dr. Goutam Sheet	SJ	Dr. Satyajit Jena
HKJ	Dr. Harvinder Kaur Jassal	SKM	Dr. Shravan Kumar Mishra
IA	Dr. Ishan Agarwal	SK(P)	Dr. Sanjeev Kumar
IB	Dr. Indranil Banerjee	SKB	Dr. Suman K. Barman
IL	Dr. Indrajit L	SM(B)	Dr. Sudip Mandal
JS	Dr. Jogender Singh	SM(BC)	Prof. Samrat Mukhopadhyay
JSB	Prof. Jasjeet Singh Bagla	SM(C)	Prof. Sanjay Mandal
JG	Dr. Jino George	SUM	Dr. Sugandha Maheshwary (Inspire faculty)
JK	Dr. Jotsaroop Kaur	SM(P)	Dr. Smriti Mahajan (Inspire faculty)
KC	Prof. Kausik Chattopadhyay	SOB	Dr. Sourabh Bhattacharya
KD	Prof. Kavita Dorai	SOM	Dr. Soma Maity
KG	Dr. Krishnendu Gongopadhyay	SKP	Dr. Santanu K Pal
KHP	Prof. Kapil H. Paranjape	SP(E)	Dr. Sunil Patil
KL	Dr. Kinjal Lochan	SR	Dr. Sabyasachi Rakshit
KPL	Prof. Kulinder Pal Singh	SS(B)	Prof. Somdatta Sinha
KPS	Dr. Kamal Priya Singh	SS(C)	Dr. Sanjay Singh
KPY	Dr. K.P Yogendran	SSA	Prof. Sadhna Saxena
KRS	Dr. K.R. Shamasundar	SSG	Dr. Sanchita Sengupta
KSS	Dr. Kuljeet Singh Sandhu	SS(P)	Prof. Sudeshna Sinha
LM	Dr. Lolitika Mandal	SST(B)	Dr. Sharvan Sehrawat
LS	Dr. Lingraj Sahu	SV	Dr. Sugumar Venkatramani
MJ	Dr. Manjari Jain	TB	Dr. Tripta Bhatia
MNB	Dr. Manabendra Nath Bera	TK	Dr. Tanushree Khandai
MS(B)	Dr. Mahak Sharma	UG	Dr. Ujjal K. Gautam
MS(C)	Dr. Monika Sharma (Inspire faculty)	VB	Dr. Vishal Bharadwaj (Inspire faculty)
MS(M)	Dr. Mahender Singh	VR	Dr. V. Rajesh
MS(P)	Dr. Mandip Singh	VRS	Dr. Varadhraj Ravi Srinivasan

NGP	Prof. N.G. Prasad	VN	Dr. Vidya Negi
NS	Dr. Neeraja Sahasrabudhe	VS	Dr. Vinayak Sinha
PB	Dr. P. Balanarayan	VV	Dr. Vaibhav Vaish
PG	Prof. Purnananda Guptasarma	YP	Dr. Yashonidhi Pandey
PK(H)	Dr. Philose Koshy	YS	Dr. Yogesh Singh
PS	Dr. Pranab Sardar	YAP	Dr. Yunus Ali Pulpadan
PRC	Dr. Parth R Chauhan		