

Teaching Assignment Monsoon Semester (Session: 2022-23)			
Course code with Title	Instructors	Tutors	Venue
1xx Courses			
BIO101 - Cellular Basis of life	RR		LH6
BIO111 - Basic Lab I	SKM/VN/SD(B)		AB1-4TL1
CHM101 - Chemistry of Elements and Chemical Transformations	SBM		LH6
CHM111 - Chem Lab I	RKR	SKP(C), UG, KRV	AB1-5TL1
IDC101 - Introduction to computers	SBP	SKP(M), PD, YAP	LH6/Comp-Centre
MTH101 - Symmetry	CB		LH6
HSS101A - Language skills-A	ADC		LH5
HSS101B - Language skills-B	AS & RB		LH6
PHY101 - Mechanics	GS		LH6
PHY111 - Physical Lab I	VB	SM(P), PD, YS	AB1-3TL1
2xx Courses			
BIO201 - Genetics and evolution	RRC		LH5
BIO211 - Biology Lab III	NGP, SM(B)		AB1-4TL1
CHM201 - Spectroscopic and other physical methods	JG		LH5
CHM211 - Chemistry Lab III	RR(C), SV, SR		AB1-5TL1
IDC202 - Chemical Biology	SM(BC)		LH5
IDC205 - Differential equation for scientists	VRS		LH3
IDC208 - Introduction to Environmental Science	VS & SP		LH6
IDC211 - Workshop Training	KPS		PEC
MTH201 - Curves and surfaces	SDM		LH5
PHY201 - Waves and optics	KL		LH5
PHY211 - Physics Lab III	SG(P)		AB1-2TL1
Seminar Courses			
IDC351 - Seminar (Attending)	LM/VN/IB, SR/KRV, KG, AC		
IDC451 - Seminar (Delivering)	SM(B)/SB/(B)/SD, SR/KRV, KG, SJ		
IDC601 - Seminar (Attend & Deliver)	SAS/MJ, SR/KRV, KG, SP & VS, SJ		
Biology Major Courses (BIO3XX)			
BIO301 - Animals: Form and function	SB(B)		LH1
BIO302 - Advanced cell biology	KC		LH1
BIO303 - Experimental design and hypothesis testing	NGP		LH1
BIO311 - Molecular methods in biology lab	SAS/SST(B)		AB1-4TL1
Biology Major Courses (BIO4XX)			
BIO401 - Structure and function of genomes	RY		LH4
BIO402 - Microbial physiology and microbial genetics	RC		LH4
BIO411 - Bioinformatics lab	KSS/SBP		LH4 / Computer Center
Chemistry Major Courses (CHM3XX)			
CHM301 - Quantum chemistry	KRS		AB1-2A
CHM302 - Organic chemistry	RS		AB1-2A
CHM303 - Main group chemistry	DA		AB1-5B

CHM311 - Organic chemistry lab	RVA		AB1-5TL1
Chemistry Major Courses (CHM4XX)			
CHM401 - Molecular spectroscopy	AKD		AB1-2A
CHM402 - Chemistry of materials	UG		AB1-2A
CHM411 - Physical chemistry lab	ARC		AB1-5TL1
Mathematics Major Courses (MTH3XX)			
MTH301 - Real Analysis	JK		AB2-1A
MTH302 - Linear Algebra	AK		AB2-1A
MTH303 - Set theory and Logic	VV		AB2-1A
MTH304 - Group Theory	TK		AB2-1A
Mathematics Major Courses (MTH4XX)			
MTH402 - Functional analysis	CA		AB2-1B
MTH403 - Manifolds	AM(M)		AB2-1B
Physics Major Courses (PHY3XX)			
PHY301 - Classical mechanics	JSB		LH3
PHY302 - Quantum mechanics	ASJ		LH3
PHY303 - Electrodynamics	AC		LH3
PHY310 - Mathematical methods for physicists I	DC		LH3
PHY311 - Advanced optics and spectroscopy lab	MNB		AB1-2L6
Physics Major Courses (PHY4XX)			
PHY401 - Nuclear and particle physics	KPY		AB1-5A
PHY402 - Solid state physics	YS		AB1-5A
PHY403 - Atomic and molecular physics	KD		AB1-5A
PHY411 - Nuclear physics lab	PK(P)		AB1-2TL2
Chemistry PhD Courses (CHM6XX)			
CHM601 - Advanced Inorganic Chemistry	SS(C)		AB2-1A
Mathematics PhD Courses (MTH6XX)			
MTH601 - Topics in algebra	AG		AB2-2A
MTH602 - Topics in topology	YP		AB2-2A
MTH605 - Topics in analysis	SKP (M)		AB2-2A
Physics PhD Courses (PHY6XX)			
PHY601 - Review of classical mechanics	SS(P)		AB1-1B
PHY602 - Review of electrodynamics	AV		AB1-1B
Electives			
Humanities & Social Sciences			
HSS602 - Social theory: concepts and debates	AS & RB		LH1
HSS629 - Metaphysics of science	PK (H)		LH3
HSS640- Charlie Chaplin's Aesthetic Universe	ADC		LH5
HSS648 - Development Economics: Theory, policy and practice	DS		LH3
Inter-disciplinary Courses			
EES403 - Remote sensing and GIS	CO		NKN e-Classroom
EES409 - Tropical Weather and Climate	RA		AB2-1A
EES410 - Economic Geology	SOB		AB1-1A
EES638 - Paleoclimatology	AA		AB2-1A
EES645 - Natural Hazards and Disaster Risk Reduction	YAP		LH4
IDC305 - Selected Analytical Techniques	SSG		AB1-2A

IDC401 - Theoretical biology	SS(B)		LH5
IDC409 - Introduction to Data Science	KSS		LH6
IDC412 - Field Work in Science Education	HKD		AB2-1A
IDC622 - Physical basis of medical diagnostics	SB(P)		AB1-1A
IDC631 - Introduction to Geochemistry	SB(E)		AB2-2B
IDC635 - Aerosol Measurement Techniques	BS		AB2-2B
IDC636 - Pedagogy of science	SSA		AB2-1A
IDC637 - Science communication	SSA		LH1
Biology			
BIO308 - Fundamentals of Microbiology	IB		AB1-5B
BIO453 - Principles underlying instrumental biomacromolecular analyses	PG		AB1-5A
BIO456 - Cancer cell biology	MS(B)		AB1-5A
BIO609 - Advance Immunology	AM(B)		AB1-5A
BIO612- RNA Biology	SD(B)		AB1-2A
BIO615 - Developmental biology	LM		AB1-5B
BIO629 - Bioinformatics	KSS/SBP		LH4 / Computer Center
BIO631- Molecular Pathogenesis**	VN		AB1-2A
Chemistry			
CHM602 - Magnetic Resonance	RR(C)		AB1-2B
CHM606 - Bio-organic chemistry	SV		AB1-5B
CHM607 - Chemical crystallography	SM(C)		AB1-5B
CHM610 - Chemistry of natural products	SAB		AB2-1B
CHM618 - Bioinorganic Chemistry	SKB		AB1-5B
CHM619- Numerical Methods in Chemistry	PB		AB1-5B
Mathematics			
MTH411- Commutative and homological algebra	CK		AB2-1B
MTH414- Advanced complex analysis	RP		AB1-2B
MTH418 - Fuchsian groups	PS		AB2-2A
MTH420 - Linear Operators on Hilbert Spaces	LS		AB2-2B
MTH432 - Category theory	KHP		AB2-2A
MTH435 - Random Processes	NS		AB2-1A
Physics			
PHY422- Computational Methods for Physics-I	RK(P)		LH4 / Computer Center
PHY423-Mathematical Methods for Physicists 2	SK(P)		LH4
PHY424- QFT1	AJ		AB1-1A
PHY631- Quantum Computation and Quantum Information	MS(P)		AB1-1A
PHY635 - Gravitation and Cosmology	HKJ		AB1-1B
PHY640 - Non Equilibrium Statistical Mechanics	PD		AB1-1B
PHY642- Non-equilibrium Thermodynamics	RSJ		AB1-1B
PHY668- Soft condensed matter	TB		AB1-1A

Expansion of Initials of Faculty			
Initials	Name	Initials	Name
AA	Dr. Anoop Ambili	PS	Dr. Pranab Sardar
AB	Dr. Anirban Bose (Inspire faculty)	PRC	Dr. Parth R Chauhan
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
AJ	Dr. Anosh Joseph	RK(P)	Dr. Rajeev Kapri
AKB	Prof. Anand K. Bachhawat	RKR	Dr. Raj Kumar Roy
AKD	Dr. Arijit K De	RR(B)	Dr. Rajesh Ramachandran
AK	Dr. Amit Kulshrestha	RR(C)	Dr. Ramesh Ramachandran
AM(B)	Dr. Arunika Mukhopadhaya	RRC(B)	Dr. Rhitoban Ray Chaudhuri
AM(H)	Dr. Arun Murthy	RS	Dr. S. V. Rama Sastry
AM(M)	Dr. Alok Maharana	RSJ	Prof. Ramandeep S. Johal
ARC	Dr. Angshuman Roy Choudhury	RVA	Dr. R. Vijay Anand
ARB	Dr. Aru Beri	RP	Dr. Ratan Pal
AS	Dr. Anu Sabhlok	RY	Dr. Ram Yadav
ASJ	Dr. Ambresh Shivaji	SAB	Dr. S. Arulananda Babu
AV	Dr. Ananth Venkatesan	SAS	Dr. Santosh Satbhai
BS	Dr. Baerbel Sinha	SB(B)	Dr. Samarjit Bhattacharyya
CAS	Dr. Chandrakant Aribam Sharma	SBP	Dr. Shashi Bhushan Pandit
CB	Dr. Chetan Balwe	SB(E)	Dr. Sharmila Bhattacharya (Inspire faculty)
CK	Prof. Chanchal Kumar	SKP(M)	Dr. Santosh Kumar Pamula
CO	Dr. Chandrakant Ojha	SB(P)	Dr. Samir Biswas
DA	Dr. Debashish Adhikari	SBM	Dr. Subhabrata Maiti
DC	Dr. Dipanjan Chakraborty	SD(P)	Dr. Sanjib Dey (Inspire faculty)
DJ	Dr. Debrina Jana (Inspire faculty)	SD(B)	Dr. Sadhan Das
DS	Dr. Debdulal Saha	SDM	Dr. Shane D'Mello
GS	Dr. Goutam Sheet	SG(C)	Dr. Samrat Ghosh
HKJ	Dr. Harvinder Kaur Jassal	SG(P)	Dr. Sandeep Goyal
IA	Dr. Ishan Agarwal	SJ	Dr. Satyajit Jena
IB	Dr. Indranil Banerjee	SKM	Dr. Shravan Kumar Mishra
IL	Dr. Indrajit L	SK(P)	Dr. Sanjeev Kumar
JS	Dr. Jogender Singh	SKB	Dr. Suman K. Barman
JSB	Prof. Jasjeet Singh Bagla	SM(B)	Dr. Sudip Mandal
JG	Dr. Jino George	SM(BC)	Prof. Samrat Mukhopadhyay
JK	Dr. Jotsaroop Kaur	SM(C)	Prof. Sanjay Mandal
KC	Prof. Kausik Chattopadhyay	SUM	Dr. Sugandha Maheshwary (Inspire faculty)
KD	Prof. Kavita Dorai	SM(P)	Dr. Smriti Mahajan (Inspire faculty)
KG	Dr. Krishnendu Gongopadhyay	SOB	Dr. Sourabh Bhattacharya
KHP	Prof. Kapil H. Paranjape	SOM	Dr. Soma Maity
KL	Dr. Kinjalk Lochan	SKP(C)	Dr. Santanu K Pal
KPL	Prof. Kulinder Pal Singh	SP(E)	Dr. Sunil Patil
KPS	Dr. Kamal Priya Singh	SR	Dr. Sabyasachi Rakshit
KPY	Dr. K.P Yogendran	SS(B)	Prof. Somdatta Sinha
KRS	Dr. K.R. Shamasundar	SS(C)	Dr. Sanjay Singh

KRV	Dr. Kuduva R Vignesh	SSA	Prof. Sadhna Saxena
KSS	Dr. Kuljeet Singh Sandhu	SSG	Dr. Sanchita Sengupta
LM	Dr. Lolitika Mandal	SS(P)	Prof. Sudeshna Sinha
LS	Dr. Lingraj Sahu	SST(B)	Dr. Sharvan Sehwat
MJ	Dr. Manjari Jain	SV	Dr. Sugumar Venkatramani
MNB	Dr. Manabendra Nath Bera	TB	Dr. Tripta Bhatia
MS(B)	Dr. Mahak Sharma	TK	Dr. Tanushree Khandai
MS(C)	Dr. Monika Sharma (Inspire faculty)	UG	Dr. Ujjal K. Gautam
MS(M)	Dr. Mahender Singh	VB	Dr. Vishal Bharadwaj (Inspire faculty)
MS(P)	Dr. Mandip Singh	VR	Dr. V. Rajesh
NGP	Prof. N.G. Prasad	VRS	Dr. Varadhraj Ravi Srinivasan
NS	Dr. Neeraja Sahasrabudhe	VN	Dr. Vidya Negi
PB	Dr. P. Balanarayan	VS	Dr. Vinayak Sinha
PD	Prasenjit Das	VV	Dr. Vaibhav Vaish
PG	Prof. Purnananda Guptasarma	YP	Dr. Yashonidhi Pandey
PK(P)	Dr. Pankaj Kushwaha	YS	Dr. Yogesh Singh
PK(H)	Dr. Philose Koshy	YAP	Dr. Yunus Ali Pulpadan