

Teaching Assignment Spring Semester

(Session: 2023-24)

Course Code With Title	Instructors	Tutors
1xx Courses		
BIO102- Genetics and Evolution	NGP	
BIO112- Biology Lab II	NGP/SM(B)	
CHM102- Basic Organic Chemistry	SV	ML
CHM112- Chemistry Lab II	DA/ML/KRS	
HSS102- Concepts in Humanities and Social Science	AS/RB/DS/PI	
EES102- Introduction to Environmental Science	MK/BS	
MTH102- Probability and Statistics	NS/SKP(M)	
PHY102- Electricity & Magnetism	SB(P)	PD/KL
PHY112- Physics Lab II	VB	KPY/DC/PK(P)
2xx Courses		
BIO202 - Behavior and Ecology	MJ/Guest	
BIO212 -Behavior and Ecology Lab	MJ/Guest/Dr.Hasan	
CHM202 - Energetics and Dynamics of Chemical Reactions	SR	
CHM212 - Chemistry Lab IV	SBM/RS	
MTH202 - Probability and Statistics	YP/KG	
PHY202 - Thermodynamics and Statistical Physics	TB	DC/ASJ
PHY212 - Modern Physics Lab (Physics Laboratory IV)	SS(P)	HKJ/SK(P)/YS
HSS202 - Philosophy of Science	PK(H)	
IDC201 - Astronomy and Astrophysics	JSB	
IDC203 - Introduction to Earth Science	AA/SB(E)	
IDC204 – Theory of Computation	AK	
Seminar Courses		
IDC352 - Seminar (Attending)	KPY/AKB/PM/RKR/KRV/KG/PS	
IDC452 - Seminar (Delivering)	JSB/AKB/PM/RKR/KRV/KG/PS	
IDC601- PhD Seminar Courses	KG	
IDC602 - Seminar (Attend & Deliver)	RSJ/IB/PM/RKR/KRV/AA/BS	
Biology Core Courses (BIO3xx)		
BIO304 - Essential Biochemistry	KC	
BIO305 - Advanced Developmental Biology	SM(B)	
BIO306 – Plants: Form and Function	SAS/SKM	
BIO312 – Development and Physiology Lab	LM/RV/VN	
Biology Major Courses (BIO4xx)		
BIO403 – Advanced Evolutionary Biology	RRC(B)/Guest	
BIO404 – Cellular Basis of the Immunity	AM(B)	
BIO412 – Biophysics Lab	PG/SM(BC)/JS	
Chemistry Major Courses (CHM3xx)		
CHM304 – Symmetry in Chemistry	PB	
CHM305 – Physical Organic Chemistry	SSG	
CHM306 – Transition Metal Chemistry	SKB	
CHM312 - Inorganic Chemistry Lab	SS(C)	
Humanities & Social Sciences(HSS3xx)		
HSS304- Studio Arts	AS	
Chemistry Major Courses (CHM4xx)		
CHM403 – Analytical Chemistry	PM	
CHM404 – Statistical Thermodynamics	RR(C)	
CHM412 – Analytical Chemistry Laboratory	ARC/KRS	
Mathematics Major Courses (MTH3xx)		
MTH305 – Complex Analysis	KHP	

Course Code With Title	Instructors	Tutors
MTH306 – Measure and Integration Theory	CAS	
MTH307 – Topology	AM(M)	
MTH308 – Rings and Modules	VRS	
Physics Major Courses (PHY3xx)		
PHY304 - Statistical Mechanics	RK(P)	
PHY306 – Advanced Quantum Mechanics	KD	
PHY312 - Advanced Electronics and Instrumentation Lab	SJ	MS(P)/Dr. Paramdeep
Physics Major Courses (PHY4xx)		
PHY412 – Condensed Matter Physics Lab	AV	KPS
Physics PhD Courses (PHY6xx)		
PHY603 - Review of Statistical Mechanics	PD	
PHY604 – Review of Quantum Mechanics	RSJ	
Mathematics PhD Courses (MTH6xx)		
MTH605 - Topics in Analysis	SOM	
Chemistry PhD Courses (CHM6xx)		
CHM604- Advanced Organic Chemistry	RVA	
Electives		
Chemistry		
CHM307-Electrochemistry and Ionic Equilibria	SG(C)	
Environmental Science		
EES405 - Climate Data Analysis and Visualization	RA	
EES408 -Igneous and Metamorphic Petrology	SBH	
EES642 Environmental Microbiology	SP(E)	
EES644 Principles of Microwave Remote Sensing	CO	
EES645- Natural Hazards and Disaster Risk Reduction	YAP	
EES414- Public and Environmental Health Science	AS(E)	
EES646- Environmental Aquatic Chemistry	MK	
Humanities & Social Sciences		
HSS616- Bones, Stones & Chromosomes: The story of Our Evolution	PRC/ RRC(B)	
HSS621- Intellectual and Cultures Sources of Modernity	PI	
HSS622 - Cities: Urban Theory and Laboratory	AS(H)/RB	
HSS634 - Themes in Infrastructure Studies	RB	
HSS642- Science and Society	DB/TVV	
HSS643 - Field Course in Paleoanthropology and Allied Disciplines	PRC	
HSS645- World Cinema	ADC	
HSS648- Development Economics: Thoery, Policy and Practices	DS	
HSS651- Liberalism and Philosophical Foundations of the British Empire	SK(H)	
Inter-disciplinary Courses		
IDC306-Biocomputing	SBP	
IDC401- Theoretical Biology	SS(B)	
IDC410- Machine Learning and Artificial Intelligence	Dr. Sarabjot Singh	
IDC411- School Science Curriculum and Textbooks	DB/TVV	
IDC412-Field Experience in Science Education	NGP/AK/DB/TVV	
IDC407-Network Science	KSS	
IDC631- Geochemistry	SB(E)	
IDC633- Introduction to Environmental Sciences	VS	
IDC638- Ultrafast Science	AKD	
Biology		
BIO635- Regeneration Biology	RR(B)	
BIO454 - Neuroscience	SB(B)/Dr. Hasan	

Course Code With Title	Instructors	Tutors
BIO606 - Biostatistics	NGP	
BIO626- Immunological Tools, Techniques and Technologies	SST(B)	
BIO455- Computational Structural Biology	CC	
BIO456- Cancer Cell Biology	MS(B)	
BIO459/BIO630 - Epigenetics	SD(B)	
Chemistry		
CHM607- Chemical Crystallography	ARC	
CHM609 - Polymer Chemistry	RKR	
CHM611- Frontiers of Organometallic Chemistry	SM(C)	
CHM612 - Asymmetric Synthesis & Catalysis	SAB	
CHM613- Supramolecular Chemistry	SKP(C)	
CHM616 - Computational Chemistry	CPP	
CHM623 - Concepts in Nanomaterials and Chemical Applications	UG	
CHM626 - Photochemistry - Concepts, Techniques and Applications	JG	
CHM628- Statistical Thermodynamics	RR(C)	
CHM629 - Magnetochemistry	KRV	
CHM632- Spectroscopic Methods for Inorganic Chemistry	SS(C)/DA/SKB	
Mathematics		
MTH440- Partial Differential Equations	JK	
MTH408- Algebraic Topology	CB	
MTH409- Discrete Mathematics	CK	
MTH412- Structure of Algebras	TK	
MTH418- Fuchsian Groups	PS	
MTH420- Linear Operators on Hilbert Spaces	LS	
MTH421- Combinatorial Group Theory	MS(M)	
MTH422- Representation of Finite Groups	AG	
MTH426- Algebraic Curves	VV	
MTH436 - An introduction to Knots and Braids	SDM	
Physics		
PHY637 - Astrophysics I: Astrophysical Processes and Stars	HKJ	
PHY638- Physics of Fluids	AC	
PHY644 – Foundations of Quantum Mechanics	MNB	
PHY654 - Cosmology and Galaxy Formation	KL	
PHY655 – Special Topics in Particle Physics	ASJ	
PHY656- Quantum Principles and Quantum Optics	MS(P)	
PHY665 – Quantum Phase of Matter and Phase Transitions	SK(P)	
PHY667- Quantum Magnetism	YS	
PHY669-High Energy Astrophysics: Techniques and Processes	PK(P)	
PHY622: Mathematical methods for physicists III*	CSA	

* on sharing basis this course will be offered (details will be updated)

Expansion of Initials of Faculty

Initials	Name	Initials	Name
AA	Dr. Anoop Ambili	PRC	Dr. Parth R Chauhan
AC	Dr. Abhishek Chaudhuri	PS	Dr. Pranab Sardar
ADC	Dr. Adrene Freeda D'Cruz	RA(E)	Dr. Raju Attada
AG	Dr. Abhik Gnguli	RB	Dr. Ritajyoti Bandhopadhyay
AK	Dr. Amit Kulshrestha	RC	Dr. Rachna Chhaba
AKB	Prof. Anand K. Bachhawat	RK(P)	Dr. Rajeev Kapri
AKD	Dr. Arijit K De	RKR	Dr. Raj Kumar Roy
AM(B)	Prof. Arunika Mukhopadhaya	RP	Dr. Ratan Pal
AM(M)	Dr. Alok Maharana	RR(B)	Dr. Rajesh Ramachandran
ARC	Dr. Angshuman Roy Choudhury	RR(C)	Dr. Ramesh Ramachandran
AS(H)	Prof. Anu Sabhlok	RRC(B)	Dr. Rhitoban Ray Chaudhuri
AKS(E)	Dr. Arvind Kumar Shakya	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. Santhosh Kumar Pamula
KHP	Prof. Kapil H. Paranjape	SM(B)	Dr. Sudip Mandal
KL	Dr. Kinjal 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	Dr. Lolitika Mandal	SS(C)	Prof. Sanjay Singh
LS	Dr. Lingraj Sahu	SS(P)	Prof. Sudeshna Sinha
MJ	Dr. Manjari Jain	SSG	Dr. Sanchita Sengupta
ML	Dr. Moitree Laskar #	SST(B)	Dr. Sharvan Sehwat
MK	Dr. Manoj Kumar #	SV	Dr. Sugumar Venkatramani
MNB	Dr. Manabendra Nath Bera	TB	Dr. Tripta Bhatia
MS(B)	Dr. Mahak Sharma	TK	Dr. Tanushree Khandai
MS(M)	Dr. Mahender Singh	UG	Dr. Ujjal K. Gautam
MS(P)	Dr. Mandip Singh	VB	Dr. Vishal Bharadwaj
NGP	Prof. N.G. Prasad	VN	Dr. Vidya Negi
NS	Dr. Neeraja Sahasrabudhe	VR	Dr. V. Rajesh
PB	Dr. P. Balanarayan	VRS	Dr. Varadhray Ravi Srinivasan
PD	Dr. Prasenjit Das	VS	Prof. Vinayak Sinha
PG	Prof. Purnananda Guptasarma	VV	Dr. Vaibhav Vaish
PK(H)	Dr. Philose Koshy #	YAP	Dr. Yunus Ali Pulpadan
PK(P)	Dr. Pankaj Kushwaha	YP	Dr. Yashonidhi Pandey
PI	Dr. Prashant Ingole #	YS	Dr. Yogesh Singh
PM	Dr.Pritam Mondal	DB	Dr. Deepika Bansal #
SK(H)	Dr. Sunny Kumar	CC	Dr. Chinmayee Choudhury #
CPP	Dr.C.P. Priyakumari	TVV	Dr. T V Venkateswaran

lecturer on contract

