

Visiting Faculty 2021-2022

School of Biological Sciences			
Course Code	Name of the Course	Name of the Faculty	Affiliation
B-301 B-401	Biochemistry-I Biochemistry-II	Dr. S. Sivakami	Formerly, University of Mumbai
B-402	Molecular Biology	Dr. Ishita Mehata	Freelance
B-403	Biostatistics	Dr. G. K. Rao	CIFE
B-501	Genetics	Dr. Mandar Karkhanis	Freelance
B-503	Biodiversity	Dr. Aditya Akerkar	SIES College
		Dr. Sushil Shinde	Thakur College
B-601	Immunology-I	Dr. Vainav Patel	NIRRH
B-602	Animal Physiology	Dr. Bhaskar Saha	St. Xaviers College
B-603	Plant Physiology	Dr. Ashish Srivastava	BARC, Mumbai
		Dr. Sudhir Singh	
B-604	Microbiology	Dr. Jayant Bandekar	Formerly, BARC Mumbai
B-702	Immunology-II	Dr. Vainav Patel	NIRRH
B-703	Developmental Biology	Dr. Kirti Gupta	TIFR, Mumbai
B-704	Imaging Technology in Biological Research	Dr. Geetika Chouhan	TIFR Mumbai
		Dr. Aditya Dharmadhikari	TIFR Mumbai
B-801	Virology	Dr. Retty Arora	Formerly NCBS
		Dr. Varsha Shridhar	Molecular Solutions Care Health
B-802	Neurobiology	Dr. Fatema B	Freelance
B-803	Bioinformatics	Dr. Devashish Rath	BARC Mumbai
		Dr. Muktikanta Ray	BARC Mumbai
B-804	Biotechnology-II	Dr. Faiza Sheikh	Bio-Genomics Ltd.
BE-1005	Advance Genetics	Dr. Champakali Ayyub	Formerly TIFR, Mumbai
		Dr. Paik Bhattach	Formerly, IIT-B
BE-1014	Biophysics	Dr. Sudhir Jain	Formerly, BARC Mumbai
		Dr. Aditya Dharmadhikari	TIFR, Mumbai
		Dr. Roop Malik	TIFR, Mumbai
BL-501	Biology Laboratory	Dr. Arpan Pariccha	TIFR Mumbai
BL-601 BL-801	Biology Laboratory Biology Laboratory	Dr. Nabila Sorathia	Freelance

School of Chemical Sciences			
Course Code	Name of the Course	Name of the Faculty	Affiliation
C-303	Inorganic Chemistry-I	Dr. G. Kedarnath	BARC, Mumbai
C-403	Quantum Chemistry-I	Alok K. Samanta	Formerly, BARC Mumbai
C-501	Analytical Chemistry	Dr. A. K. Satpati	BARC, Mumbai

C-502	Quantum Chemistry-II	Dr. Alok Samanta	Formerly, BARC Mumbai
C-503 C-603	Inorganic Chemistry-II Inorganic Chemistry-III	Dr. S. Kannan	BARC Mumbai
C-703	Organometallics and Bioinorganic Chemistry	Dr. Shamlava Majumdar	TIFR, Mumbai
C-704	Physical Organic Chemistry	Dr. Sunil Ghosh	BARC, Mumbai
C-801	Materials Chemistry	Dr. S. Nigam	BARC, Mumbai
		Dr. C. G. S. Pillai	BARC, Mumbai
C-802	Macro- and Supramolecular Chemistry	Dr. K. R. S. Chandrakumar	BARC, Mumbai
		Dr. G. Verma	BARC, Mumbai
C-803	Computational Chemistry	Dr. K. R. S. Chandrakumar	BARC, Mumbai
		Dr. N. Choudhury	BARC, Mumbai
CE -1002	Advanced Topics in Physical Chemistry	Dr. R. K. Vatsa	BARC, Mumbai
		Dr. Venkat Ramani	
		Dr. Alok Samanta	Formerly, BARC Mumbai
CE -1003	Nano-materials and soft condensed matter	Dr. V. K. Aswal	BARC, Mumbai
		Dr. Balaji P. Mondal	BARC, Mumbai
CE -1004	Machine learning and artificial intelligence	Dr. Deva Priyakumar	IIT -Hyderabad
		Dr. K.R.S. Chandrakumar	BARC, Mumbai
General Subjects			
H-101	Communication Skills- I	Dr. Dipti Kenia	-
H-301	Humanities and Social Sciences (World literature)	Dr. Nilufer Bharucha	Formerly, University of Mumbai
H-601	Introduction to Economics &	Dr. Suchita Krishnaprasad	Formerly, Vice Principal, Elphinstone College

School of Mathematical Sciences			
Course Code	Name of the Course	Name of the Faculty	Affiliation
M-100	Remedial Mathematics-I	Prof. Narasimhan Chari	Dwarkadas Sanghavi College of Engineering
M-101	Mathematics-I	Dr. R. C. Cowsik	Formerly, University of Mumbai
M-200	Remedial Mathematics-II	Dr. Aniket Sule	HBCSE, Mumbai
M-304 M-403	Elementary Number Theory Topology-I	Dr. Jyotsna Dani	Formerly, University of Mumbai

M-404	Discrete Mathematics	Prof. Narasimhan Chari	Dwarkadas Sanghavi College of Engineering
M-501	Analysis-III	Prof. Inder K. Rana	Formerly, IITB
M-502	Algebra-III	Prof. R. C. Cowsik	Formerly, University of Mumbai
M-504	Graph Theory	Prof. Narasimhan Chari	Dwarkadas Sanghavi College of Engineering
M-601	Analysis-IV	Dr. Jyotsana Prajapat	Formerly, University of Mumbai
M-602	Algebra-IV	Prof. R.C. Cowsik	Formerly, University of Mumbai
M-603	Differential Equations & Special Functions	Dr. Chaitanya Senapati	-
M-702	Commutative Algebra	Dr. Parvati Shastri	Formerly, University of Mumbai
M-703	Algebraic Topology	Dr. Mahadeo Bakre	Formerly, University of Mumbai
M-802	Algebraic Number Theory	Dr. Parvati Shastri	Formerly, University of Mumbai
M-804	Computational Mathematics	Dr. Ajit Kumar	ICT, Mumbai
School of Physical Sciences			
P-101 P-201	Physics-I Physics-II	Dr. S. R. Jain	Formerly, BARC Mumbai
P-301	Classical Mechanics-I	Dr. Anwesh Mazumdar	HBCSE, Mumbai
		Dr. Pritesh Randive	
P-302 P-401	Mathematical Physics-I Mathematical Physics-II	Prof. Ashok K. Raina	Formerly, TIFR Mumbai
P-402	Quantum Mechanics-I	Dr. Anwesh Mazumdar	HBCSE, Mumbai
		Dr. Kolahal Bhattacharya	
P-403	Classical Mechanics-II	Prof. Dipan Ghosh	Formerly, IIT-B
P-501	Electromagnetism-II	Dr. G. Ravikumar	BARC Mumbai
P-603	Atomic and Molecular Physics	Dr. Aparna Shastri	BARC, Mumbai
P-702	Statistical Physics-II	Dr. G. Ravi Kumar	HBNI
P-704/PE-1013	Quantum Optics	Prof. G. Ravindra Kumar	TIFR, Mumbai
P-802/PE-1018	Non-Linear Dynamics and Chaos	Prof. Dipan Ghosh	Formerly, IIT-B
P-805/PE-1005	Particle Physics	Dr. Anuradha Misra	Formerly, University of Mumbai
PL-101 PL-201	Physics Laboratory Physics Laboratory	Dr. Wendrich Soares	Vedanta College
PL-401	Physics Laboratory	Dr. Tushima Basak	Mithibai College, Mumbai

PL-501 PL-601	Physics Laboratory Physics Laboratory	Dr. Kartik Subbu	Mithibai College, Mumbai
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