

Visiting Faculty 2018-2019

Biology			
Course Code	Name of the Course	Name of the Faculty	Affiliation
B 301 CB 403	Biochemistry-I Biochemistry-II	Dr. S. Sivakami	Formerly, University of Mumbai
CB 403	Biochemistry-II	Dr. Mahesh Subramanian	BARC, Mumbai
B 401	Molecular Biology	Dr. Kruti Mody	NIRRH, Mumbai
B 402	Biostatistics	Dr. G. K. Rao	Formerly, CIFE
BL 301 BL 401 BL 501 BE 1002	Biology Laboratory Biology Laboratory Biology Laboratory Advanced Techniques in Biology	Dr. Ishita Mehta	Freelance
B 501 B 604	Genetics Microbiology	Dr. Mandar Karkhanis	VES College
B 502	Cell Biology	Dr. Deepak Modi	NIRRH, Mumbai
B 503	Biodiversity	Dr. Sushil Shinde	Thakur College
B 503	Biodiversity	Dr. Aditya Akerkar	SIES College
BL 501	Biology Lab	Dr. Champakali Ayyub	Formerly, TIFR
B 601 B 702	Immunology I Immunology II	Dr. Vainav Patel	NIRRH, Mumbai
B 602 B 703	Animal Physiology Developmental Biology	Dr. Bhaskar Saha	St. Xavier's College
B 603	Plant Physiology	Dr. Deepti Gupta	Formerly, HBCSE
B 603	Plant Physiology	Prof. M. M. Johri	Formerly, TIFR
BPR 701 BPR 801	Reading Project (1) Lab Project (1)	Dr. Abhijit Majumdar	IIT-B
B 701	Biotechnology I	Dr. K. K. Rao	Formerly, IIT-B
B 703	Developmental Biology	Dr. Radhika Tendulkar	St. Xavier's College
B 704	Imaging technology in Biology Research	Dr. Shatrupa Sinha	Freelance
BL 701 BL 801	Biology Laboratory Biology Laboratory	Dr. Nabila Sarothia	Sophia College
B 801	Virology	Dr. Sandeepan Mukharjee	Haffkin Research Institute
B 801	Virology	Dr. Shefali Banerjee	Freelance
B 802	Neurobiology	Dr. Fatema Bhinderwala	Freelance
B 803	Bioinformatics	Dr. Devashish Rath	BARC, Mumbai
B 803	Bioinformatics	Dr. Muktikanta R.	BARC, Mumbai
B 804	Biotechnology II	Dr. Aruna Mahesh	BARC, Mumbai
BL 801	Biology Lab	Dr. Ashutosh Mule	Freelance
BE 1004	Cancer Biology	Dr. Girish B. Maru	ACTREC, Kharghar

CB305 BE 1007	Cell Biology-I Advanced Genetics	Dr. Piyaltaru Dasgupta	TIFR, Mumbai
BE 1008	Advanced Neurobiology	Dr. Dwight Figureudo	Sophia College
Chemistry			
Course Code	Name of the Course	Name of the Faculty	Affiliation
C 101 C 702 C 602 CE 1003	Chemistry-I Molecular Thermodynamics Atomic and Molecular Spectroscopy Advanced Theoretical Chemistry	Dr. Alok Samanta	BARC, Mumbai
C 302 C 604	Organic Chemistry-I Organic Chemistry-III	Dr. Lakshmi Ravishankar	Kelkar Vaze College
C 303	Inorganic Chemistry-I	Dr. G. Kedarnath	BARC, Mumbai
CB 402	Physical Chemistry	Dr. R. K. Vatsa	BARC, Mumbai
C404/ C 504	Organic Chemistry-II	Dr. Gail Carneiro	Formerly, Sophia College
C 501	Analytical Chemistry	Dr. Rakesh Verma and Dr. Ashis Satpati	Formerly BARC BARC, Mumbai
C 503 C 603	Inorganic Chemistry-II Inorganic Chemistry-III	Dr. S. Kannan	BARC, Mumbai
C 604	Organic Chemistry	Dr. Gomati Sridhar	KVS Menon College, Mumbai
C 605	Nuclear Chemistry	Dr. Kathi Sudarsanan	
C 605	Nuclear Chemistry	Dr. Rahul Tripathi	BARC, Mumbai
C 703	Organometallic and Bioinorganic Chemistry	Prof. Shyamalava Mazumder	TIFR, Mumbai
C 704 CE 1001	Physical Organic Chemistry Topics in Contemporary Chemistry	Dr. Sunil K. Ghosh	BARC, Mumbai
C 801 CE 1004	Chemistry of Materials Nano Materials	Dr. Sandeep Nigam	BARC, Mumbai
C 802	CMSMC	Dr. P. A. Hassan	BARC, Mumbai
C 802 C 803	CMSMC Computational Chemistry	Dr. K. R. S. Chandrakumar	BARC, Mumbai
C 803	Computational Chemistry	Dr. C. N. Patra	BARC, Mumbai
C 804/CE 1002	Laser Spectroscopy	Dr. Sukhendu Nath	BARC, Mumbai
CE 1001	Topics in Contemporary Chemistry	Dr. K. I. Priyadarsini	BARC, Mumbai

CE 1001	Topics in Contemporary Chemistry	Dr. S. N. Achary	BARC, Mumbai
CE 1004	Nano Material	Dr. C. Mujumdar	BARC, Mumbai
Mathematics			
Course Code	Name of the Course	Name of the Faculty	Affiliation
M 100 PM 401	Remedial Mathematics Statistical Techniques and Computation	Dr. Aniket Sule	HBCSE, Mumbai
M 201 M 303	Mathematics II Algebra -I	Dr. Mangala Gujar	Formerly, St. Xavier's College
M 302 M 403	Analysis -I Topology I	Dr. Jyotsna Dani	Formerly, University of Mumbai
M 304 M 404	Elementary Number Theory Discrete Mathematics	Dr. Prithwjit De	HBCSE, Mumbai
M 401 M 701	Analysis -II Functional Analysis	Dr. Mahadeo Bakre	Formerly, University of Mumbai
M 402	Algebra II	Dr. Anuradh Nebhani	Formerly, UM-DAE CEBS
M 405	Complex Analysis	Prof. R. C. Cowsik	Formerly, University of Mumbai
M 501 M 604	Analysis III Probability Theory	Dr. Acushla Narayanan	Formerly , University of Mumbai
M 502 M 602	Algebra III Algebra IV	Dr. Dhanvinta Rao	Formerly, Mithibai College, Mumbai
M 504	Graph Theory	Dr. Sanjeevani Gharge	Ruai College, Mumbai
M 601/ M 801	Fourier Analysis	Dr. Jyotshana Prajapat	University of Mumbai
M 703	Stochastic Analysis	Dr. M. G. Nadkarni	Formerly, University of Mumbai
M 705	Representation Theory of Finite Groups	Prof. Parvati Shastri	Formerly, University of Mumbai
ME 1002	History of Mathematics	Prof. P. P. Divakaran	Formerly, TIFR
Physics			
Course Code	Name of the Course	Name of the Faculty	Affiliation
P 101	Physics -I	Dr. Sudhir Jain	BARC, Mumbai

PE 1003	Dynamical Systems		
P 301 P 401	Mathematical Physics -I Mathematical Physics - II	Prof. Ashok K Raina	Formerly TIFR, Mumbai
P 302	Wavers and Oscillations	Dr. Manojendu Choudhury	Formerly, UM-DAE CEBS
PL 301	Physics Laboratory	Dr. Tushima Basak	Mithibhai College
P 402 P 501	Quantum Mechanics -I Quantum Mechanics -II	Prof. Dipan K. Ghosh	IIT-B
P 403	Classical Mechanics II	Dr. Anwesh Mazumdar	TIFR, Mumbai
P 502	Nonlinear Dynamics and Chaos	Prof. Debabrata Biswas	BARC, Mumbai
PM 501 PML 501	Numerical Analysis Numerical Methods Laboratory	Prof. Sreerup Roychoudhury	TIFR, Mumbai
P 603	Atomic and Molecular Physics	Dr. Aparna Shastri	BARC, Mumbai
P 603	Atomic and Molecular Physics	Dr. Richard D'souza	(EX-BARC)
P 605	Earth Science	Dr. S. K. Arora	BARC, Mumbai
P 605	Earth Science	Dr. Nethani Basavaiah	
P 702	Quantum Mechanics- III	Prof. Arvind Kumar	HBCSE & CEBS
P 801	Astronomy and Astrophysics	Prof. S. M. Chitre	UM-DAE CEBS
P 802	Modern Optics	Dr. Kailash Rustagi	Formerly, RRCAT
P 805	Nonlinear Dynamics and Chaos	Dr. Binoy Goswami	BARC, Mumbai
PL 801	Advanced Physics Laboratory	Dr. Nilay Bhatt	BARC, Mumbai
PE 1006	Advanced Electronics	Dr. Karthik Subbu	
PE 1009	Many Body Theory	Prof. Vikram Tripathi	TIFR, Mumbai
PE 1010	Computational Electrodynamics	Dr. Karthik Patel	Formerly, BARC
PE 1013	Nonlinear Optics	Prof. G Ravindrakumar	TIFR, Mumbai

General Subjects			
Course Code	Name of the Course	Name of the Faculty	Affiliation
GL 301	Applied Electronic Laboratory	Dr. P. Shashidharan	Vartak College, Mumbai
GL 301	Applied Electronic Laboratory	Dr. Karthik Subbu	Mithibhai College
GL 301	Applied Electronic Laboratory	Dr. Wendrich Soares	Vedanta College, Mumbai

G 501	Environmental Science	Dr. Ankush Gupta	HBCSE, Mumbai
H 101 H 401	Communication Skills World Literature	Dr. Nilufer Bharucha	University of Mumbai
H 101 H 401	Communication Skills World Literature	Dr. Sridhar Rajeswaran	University of Mumbai
H 301	History and Philosophy of Science	Dr. Sudhir Panse	Formerly, University of Mumbai
H 501	Humanities and Social Sciences	Dr. R. Y. Agarkar	UM-DAE CEBS
H 601	Ethics of Sciences and IPR	Dr. G. Nagarjuna	Formerly, HBCSE