

Visiting Faculty 2020-2021

School of Biological Sciences			
Course Code	Name of the Course	Name of the Faculty	Affiliation
BC 301 BC 402	Biochemistry I Biochemistry I	Dr. S. Sivakami	Ex - University of Mumbai
BL 301 BE 1002	Biology Laboratory Advance Technology in Biology	Dr. Ishita Mehta	Freelance
B 501 B 604 BE 1007	Genetics Microbiology Advanced Genetics	Dr. Mandar Karkhanis	-
B 503	Biodiversity	Dr. Aditya Akerkar	Thakur College
B 503	Biodiversity	Dr. Sushil Shinde	Thakur College
BL 501 BE 1007	Biology Laboratory Advanced Genetics	Dr. Champakali Ayyub	Ex-TIFR
B 702 B 601	Immunology II Immunology I	Dr. P. Vainav	NIRRH
B 703 B 602	Developmental Biology Animal Physiology	Dr. Bhaskar Saha	St. Xavier's College
B 703	Developmental Biology	Dr. Radhika Tendulkar	St. Xavier's College
B 704	Imaging technology in biological research	Dr. Shatarupa Sinha	IIT-B
BL 701 B 802	Biology Laboratory Neurobiology	Nabila S	Haffkine Institute
BL 701	Biology Laboratory	Seema Shirolikar	TIFR
B 402	Biostatistics	Prof. G. K. Rao	CIFE
BC 402	Biochemistry I	Dr. Mahesh Subramaniam	BARC
B 401	Molecular Biology	Dr. Aparna Kotekar	-
B 603	Plant Physiology	Dr. Ashish Srivastava	BARC
B 604	Microbiology	Dr. Jayant Bandekar	Ex-BARC
B 801	Virology	Sandeepan Mukherjee	Haffkine Institute
B 801	Virology	Dr. Purna Charan	NII
B 802	Neurobiology	Dr. Fatema B	Freelance
B 803	Bioinformatics	Dr. Shradha Khater	IIT B
B 804	Biotechnology II	Dr. Richa Singh	SIES
BL 801	Biology Laboratory	Sidra Yaqoob	Sophia College
BE 1004	Cancer Biology	Dr. G B Maru	ACTREC
BE 1007	Advanced Genetics	Dr. Kirti Gupta	TIFR
BE 1010	Radiation Biology	Dr. Amit K	BARC

BE 1010	Radiation Biology	Dr. Santosh S.	BARC
School of Chemical Sciences			
C 403	Quantum Chemistry-I	Dr. Alok Samanta	BARC, Mumbai
C303	Inorganic Chemistry-I	Dr. G. Kedarnath	BARC, Mumbai
C 101	Chemistry-I	Dr. Lakshmi Ravishankar	Vaze College, Mumbai
CB 501	Analytical Chemistry	Dr. Ashis K. Satpati	BARC, Mumbai
C 503	Inorganic Chemistry-II	Dr. S. Kannan	BARC, Mumbai
C 603	Inorganic Chemistry-III		
C 605	Nuclear Chemistry	Dr. Kathi Sudarsanan	BARC, Mumbai
C 605	Nuclear Chemistry	Dr. Rahul Tripathi	BARC, Mumbai
C 703	Organometallic & Bio-Inorganic Chemistry	Prof. S. Mazumder	TIFR, Mumbai
CE 1001 C 704	Advanced topics in Chemistry Physical Organic Chemistry	Dr. Sunil K. Ghosh	BARC, Mumbai
C801	Chemistry of Materials	Dr. Sandeep Nigam	BARC, Mumbai
C801	Chemistry of Materials	Dr. C G S Pillai	Formerly with BARC, Mumbai
C 803	Computational Chemistry	Dr. C. N. Patra	BARC, Mumbai
CE 1002	Advanced topics in Chemistry	Dr. S. N. Achary	BARC, Mumbai
CE 1003	Nano- Materials and Soft Condensed Matters	Dr. Balaji Mondal	BARC, Mumbai
GL 401 CE 1002	Computational Laboratory Advanced Physical Chemistry	Dr. Niharendu Choudhary	BARC, Mumbai
C 802 C 803 CE 1003	Macro and supramolecular chemistry Computational Chemistry Nano- Materials and Soft Condensed Matters	Dr. K. R. S. Chandrakumar	BARC, Mumbai
C 802	Macro and supramolecular chemistry	Dr. Gunjan Varma	BARC, Mumbai
School of Mathematical Sciences			
M 302 M 403	Analysis I Topology I	Prof. Jyotsna Dani	Ex University of Mumbai
M 303 M 404	Algebra-I Discrete Mathematics	Dr. Anuradha Nebhani	Freelance
M 502 M 602	Algebra III Algebra IV	Prof. Parvati Shastri	Ex University of Mumbai
M 503 M 803	Topology II Differential Topology	Prof. A. R. Shastri	Ex IIT Bombay
M 504 M 802	Graph Theory Algebraic Number Theory	Prof. R. C. Cowsik	Ex University of Mumbai

M 701 A M 402	Functional Analysis Algebra II	Dr. Akshay Rane	ICT
M 702 B	Commutative Algebra	Prof. Nitin Nitsure	Ex TIFR
M 703 M 601	Algebraic Topology Analysis IV	Prof. Mahadev Bakre	Ex University of Mumbai
M 804	Computational Mathematics	Prof. Ajit Kumar	ICT
ME 902	Financial Mathematics	Prof. Inder K. Rana	Ex IIT-Bombay
School of Physical Sciences			
P101 P201 PE1007	Physics – I Physics – II Quantum Information and Computing	Dr. Sudhir Jain	BARC, Mumbai
PL101 PL201	Physics Lab – I Physics Lab – II	W. Soares	Vedanta College
P302 P401	Mathematical Physics – I Mathematical Physics – II	Prof. Ashok K Raina	Ex TIFR, Mumbai
PL301 PL401	Physics Lab – III Physics Lab - IV	Dr. Tushima Basak	Mithibai College
P402 P502	Quantum Mechanics – I Quantum Mechanics – II	Prof. Dipan K. Ghosh	Former IIT-B
PL403 PL801	Statistical and Computational Techniques Advanced Physics Lab – II	Dr. Manojendu Choudhury	Former, IUCAA
P501	Electromagnetism - II	Prof. G. Ravikumar	BARC, Mumbai
PL501 PL601	Physics Lab - V Physics Lab - VI	Dr. Karthik Subbu	Mithibai College
PL502	Numerical Methods	Dr. Nilay Bhatt	BARC, Mumbai
PL502	Numerical Methods	Dr. Sunder Sahayanathan	BARC, Mumbai
P603	Atomic and Molecular Physics	Dr. Aparna Shastri	BARC, Mumbai
P603	Atomic and Molecular Physics	Prof. Lokesh Tribedi	TIFR, Mumbai
P701 P801	Fluid Mechanics Astronomy and Astrophysics	Prof. H. M. Antia	Former, TIFR
P805	Particle Physics	Prof. Anuradha Misra	UDP, UoM
PE1010	Computational Electrodynamics	Dr. Kartik Patel	BARC, Mumbai
General Subjects			
GL 101	Computer Basics	Dr. Pritesh Ranadive	HBCSE
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
H 502	Environmental Science	Prof. I. V. Saradhi	BARC
H 502	Environmental Science	Dr. Aditi Chakravarty	BARC
H 502	Environmental Science	Dr. Manish Joshi	BARC
H 101 H 301	Communication Skills World Literature	Prof. Nilufer Bharucha	University of Mumbai
H 101 H 301	Communication Skills World Literature	Prof. Sridhar Rajeswaran	University of Mumbai
H 401	History and Philosophy of Science	Prof. Arvind Kumar	Formerly, University of Mumbai
H 601	Ethics of Sciences and IPR	Prof. G. Nagarjuna	HBCSE, Mumbai

Visiting faculty involved in teaching and project work during the Academic Year 2020-2021

School of Biological Sciences		
Course (Name of the course)	Visiting faculty	Affiliation
BC-301 (Biochemistry-I)	S Sivakami	Ex Univ. Mumbai
BC-401 (Biochemistry-II)		
B 402 (Bio-Statistics)	Prof. G. K. Rao	CIFE
B-501 (Genetics)	Mandar Karkhanis	Freelance
B-604 (Microbiology)		
B-503 (Biodiversity)	Aditya Akerkar	SIES College
	Sushil Shinde	Thakur College
B-603 (Plant Physiology)	Sudhir Singh	BARC
	Ashish Srivastava	BARC
B-602 (Animal Physiology)	Bhaskar Saha	St. Xavier's College
B-601 (Immunology-I)	Vainav Patel	NIRRH
B-702 (Immunology-II)		
B-703 (Developmental Biology)	Kirti Gupta	TIFR
B-704 (Imaging Techniques in Biological Research)	Souvik Modi	TIFR
B-801 (Virology)	Perna Charan	Freelance
	Chitra Pattabiraman	NIMHANS
B-802 (Neurobiology)	Fatema Bhinderwala	Freelance
BE-1005	Ishita Mehta	Freelance
BE-1011	Deepak Modi	NIRRH
B 803 (Bioinformatics)	Dr. Devashish Rath	BARC

	Dr. Muktikanta Ray	BARC
B 804 (Biotechnology-II)	Dr. Faiza Shaikh	Bio-Genomics Ltd.
School of Chemical Sciences		
C-101 (Chemistry-I)	Lakshmi Ravishankar	Vaze College
C-303 (Inorganic Chemistry-I)	G. Kedarnath	BARC
C-403 (Quantum Chemistry-I)	Alok K. Samanta	EX-BARC
CE 1002 (Advanced Physical Chemistry)		
C-501 (Analytical Chemistry)	A. K. Satpati	BARC
C-503 (Inorganic Chemistry-II)	S. Kannan	BARC
C-603 (Inorganic Chemistry-III)		
C-605 (Nuclear Chemistry)	Rahul Tripathi	BARC
	Kathi Sudarshan	BARC
C-703 (Organometallics and Bioinorganic Chemistry)	S. Majumdar	TIFR
C-704 (Physical Organic Chemistry)	Sunil K Ghosh	BARC
C-801 (Chemistry of Materials)	C. G. S. Pillai	BARC
	Sandip Nigam	BARC
C-802 (Macro and Supramolecular Chemistry)	Gunjan Varma	BARC
	K. R. S. Chandrakumar	BARC
C-803 (Computational Chemistry)	C.N. Patra	BARC
	K. R. S. Chandrakumar	BARC
CE-1001 (Advanced Topics in Chemistry)	S. N. Achary Sunil K. Ghosh	BARC
CE-1002 (Advanced Physical Chemistry)	N. Choudhury	BARC
GL-402 (Computational laboratory)		
CE-1003 (Nano-materials and soft Condensed Matter)	Balji Mondal	BARC
	K.R.S. Chandrakumar	BARC
School of Mathematical Science		
M-302 (Analysis-I)	Jyotsna Dani	Ex, Univ. Mumbai
M-403 (Topology-I)		
M-303 (Algebra-I)	Anuradha Nebhani	Freelance
M-404 (Discrete Mathematics)		
M-502 (Algebra-III)	Parvati Shastri	Ex, Univ. Mumbai
M-602 (Algebra-IV)		
M-503 (Topology-II)	A. R. Shastri	Ex, IIT, Bombay
M-803 (Differential Topology)		
M-504 (Graph Theory)	R. C. Cowsik	Ex, Univ. Mumbai
M-802 (Algebraic Number Theory)		

M-402 (Algebra-II, linear algebra)	Akshay Rane	ICT
M-701 (Functional Analysis)		
M-702 (Commutative Algebra)	Nitin Nitsure	EX, TIFR
M-601 (Analysis-IV)	Mahadeo Bakre	Ex, Univ. Mumbai
M-703 (Algebraic Topology)		
ME-902 (Financial Mathematics)	Inder K. Rana	Ex IIT, Bombay
M-803 (Differential Topology)	A. R. Shastri	Ex IIT, Bombay
M-804 (Computational Mathematics)	Ajit Kumar	ICT
School of Physical Sciences		
P-101(Physics-I; classical Phys.)	S. R. Jain	BARC
P-201 (Physics II; Modern Phys.)		
PE-1007 (Quantum Information and Computing)		
P-302 (Mathematical Physics-I)	Ashok K Raina	Ex TIFR
P-401 (Mathematical Physics-II)		
PL-403 (Statistical and Computational Techniques)	M. Choudhury	Ex-IUCAA
PL-801 (Advanced physical Lab Astronomy)		
P-501 (Electromagnetism-II)	G. Ravikumar	BARC
P-402 (Quantum Mechanics-I)	Dipan Ghosh	Ex IITB
P-502 (Quantum Mechanics-II)		
PL-502 (Numerical Methods Laboratory)	Nilay Bhatt	BARC
	Sundar Sahayanathan	BARC
P-701 (Fluid Mechanics)	H. M. Antia	Ex TIFR
P-801 (Astronomy and Astrophysics)		
PE-1010 (Computational Electrodynamics)	Kartik Patel	Ex BARC
P-603 (Atomic and Molecular Physics)	Lokesh Tribedi	TIFR
	Aparna Shastri	BARC
P-805 (Particle Physics)	Anuradha Misra	UDP, UoM
General, Humanities and Social Sciences		
H-101(Communications skills-I)	Nilufer Bharucha	Ex UoM
	Sridhar Rajeswaran	Ex Univ Kutchh
	Kirti Risbud	
H-201 (Communication skills II)	Nilufer Bharucha	Ex UoM
	Sridhar Rajeswaran	Ex Univ Kutchh
	Kirti Risbud	
H-301 (History and Philosophy of Science)	Ambika Natarajan	Ex Oregon State University

H-401 (World Literature)	Nilufer Bharucha	Ex UoM
	Sridhar Rajeswaran	Ex Univ Kutchh
H-601 (Ethics of Science and Intellectual Property Right)	G. Nagarjuna	HBCSE