



Indian Association for the Cultivation of Science

(Deemed to be University under *de novo* Category)

Class Schedule (Autumn-2022)

(UG-III)

Integrated Bachelor's-Master's Program

Day	9.00-10.30	10.30-12.00	13.00-14.00	14.00-15.00	15.00-17.00
Monday	PHS 2101	MCS 2101A	CHS/PHS/BIS 2101 (L)		
Tuesday	BIS 2101	CHS 2101	CHS/PHS/BIS 2101 (L)		
Wednesday	SEC 2100	MCS 2101B	CHS/PHS/BIS 2101 (L)		
Thursday	PHS 2101	MCS 2101A	BIS 2101(T)	CHS 2101(T)	MCS 2101B
Friday	BIS 2101	CHS 2101	PHS 2101(T)	SEC 2101	

Semester-III (Venue: C-230 , Zoom ID:)			
Code	Course Name	Course Type	Instructor
BIS 2101	Elements of Photobiology	Core Theory(4)	Tapas Chakraborty & Ritesh Ranjan Pal
	Light Harvesting Molecules and Photobiology	Core Lab(2)	Deepak Kr Sinha
CHS 2101	Chemical Reactivity	Core Theory(4)	Asit Kumar Chakraborty & Tapan Kanti Paine
	Redox Titration and Organic Preparation	Core Lab(2)	Asit Kumar Chakraborty & Tapan Kanti Paine
MCS 2101A	Probability and Statistics	Core Theory(3)	Prof. Alok Goswami
MCS 2101B	Data Structures and Algorithms	Core Theory(3)	Dr. Pronita Mukherjee
PHS 2101	Quantum and Statistical Physics	Core Theory(4)	Jayanta Kumar Bhattacharjee
	Thermal Physics and Electronics	Core Lab(2)	Mintu Mondal & Subham Majumdar
SEC 2101	Debate and Public Speaking	SECC(2)	Anusua Chatterjee



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Master's/Integrated Master's-PhD Program

SAIS(B) (Sem-I)/SBS (UG-V)

Day	10.00-11.30	11.30-13.00	14.00-15.30	15.30-17.30
Monday	BIS 4104/AIS 4102	AIS 4108	BIS 4103/AIS 4107	BIS 4111 BIS 4105B
Tuesday		BIS 4102		BIS 4111 AIS 4105B
Wednesday	AIS 4108	BIS 4101/AIS 4106 (T)	BIS 4104/AIS 4102 (T)	BIS 4111 AIS 4105B
Thursday	BIS 4104/AIS 4102	BIS 4102	BIS 4101/AIS 4106	BIS 4111
Friday	BIS 4103/AIS 4107	AIS 4108 (T)	BIS 4101/AIS 4106	AEC 4100

Code	Course	Type of (Credit)	Instructor(s)
	Venue: Roy Chowdhury Hall		
BIS 4101/AIS 4106	Advanced Cell Biology	Core Theory(4)	Siddharth S Jana
BIS 4102	Metabolism and Function: Carbohydrates and Lipids	Core Theory(4)	Prosenjit Sen & Prasanta K Das
BIS 4103/AIS 4107	Advanced Molecular Biology	Core Theory(4)	Benu Brata Das & Biswadip Das (JU)
BIS 4104/AIS 4102	Biochemical and Biophysical Methods	DSE(4)	Tapas Chakraborty & Rupa Mukhopadhyay (Venue: A31)
BIS 4111	Cellular and Molecular Biology Lab (Project Mode)	Core Lab(6)	Ritesh R Pal
AEC 4100	History of Science	AECC (Non-CGPA) (2)	TRC 501
AIS 4108	Chemistry for Biologists	Core Theory (4)	Suhrit Ghosh
AIS 4105B	Laboratory-I	Core Lab (6)	(Coor: Dr. A. Das)



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Master's/Integrated Master's-PhD Program

SCS (UG-V&PG-I), SMS/SAIS(C) (PG-I)

Day	10.00-11.30	11.30-13.00	14.00-15.30	15.30-18.00	
Monday	BIS 4104/AIS 4102	CHS 4102	CHS 4101 (T)	CHS 4103 (T)	CHS 4111 (Computer Lab) (From 6:30)
Tuesday	CHS 4103	CHS 4101	CHS 4104 AIS 4105C	CHS 4111 MAS 4111 AIS 4105C	
Wednesday	CHS 4104 (T)	CHS 4102 (T)	BIS 4104/AIS 4102 (T) CHS 4111 MAS 4111	AIS 4105C CHS 4111 MAS 4111	
Thursday	BIS 4104/AIS 4102	CHS 4102	CHS 4104 AIS 4105C	CHS 4111 MAS 4111 AIS 4105C	
Friday	CHS 4101	CHS 4103	CHS 4111 (Computer Lab) MAS 4111 AIS 4105C	AEC 4100	

Code	Course	Type (Credit)	Instructor
	Venue: A31 (Zoom ID:)		
CHS 4101/ MAS 4101C / AIS 4103	Quantum Mechanics of Atoms and Molecules	Core (4)	Satrajit Adhikari
CHS 4102 / MAS 4102C / AIS 4104	Inorganic Chemistry: Structure and Reactivity	Core (4)	Tapan Kanti Paine & Raju Mondal
CHS 4103/ MAS 4103C / AIS 4101	Organic Chemistry: Structure and Reactivity	Core (4)	Joyram Guin
CHS 4104/ MAS 4104C	Mathematics and Computer for Chemists	Core (4)	Sankar Prasad Bhattacharya & Debashree Ghosh

BIS 4104/AIS 4102	Biochemical and Biophysical Methods	Core Theory (4)	Tapas Chakraborty & Rupa Mukhopadhyay
AEC 4100	History of Science	AECC (Non-CGPA) (2)	TRC 501
CHS 4111	Advanced Chemistry Laboratory-I	Core Lab (6)	Avishek Das, B. C. Ranu, Abhishek Dey
AIS 4105C	Laboratory-I	Core Lab (6)	(Coor: Dr. S. Varghese)
MAS 4111	Materials Laboratory-I	Core Lab (6)	



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Class Schedule (Autumn Semester-2022) Integrated Master's-PhD Program

School of Mathematical and Computational Sciences (PG-I/UG-V)

Day	10.00 -11.30	11.30 – 13.00	14.00 - 15.30	15.30 – 17.00	17.00 – 18:30
Monday	COM 4101(L)	COM 4103 (L)	COM 4111 (Lab)		MAT 4102(L)
Tuesday	MAT 4101(L)	COM 4101(L)	MAT 4103 (T)	COM 4103 (L+T)	
Wednesday	COM 4111 (Lab)		MAT 4102 (T)	COM 4102 (L+T)	
Thursday	MAT 4101(L)	COM 4101(T)	MAT 4101 (T)	MAT 4103(L)	MAT 4102(L)
Friday	COM 4102 (L)		MAT 4103(L)	AEC 4100	

Code	Course	Type (credit)	Instructor(s)	Venue
MAT 4101	Linear Algebra	Core Theory(4)	Mithun Mukherjee	A11
MAT 4102	Real Analysis	Core Theory(4)	S. M. Srivastava	A11
MAT 4103	Topology	Core Theory(4)	Sayani Bera	A11
COM 4111	Object-Oriented Programming with C++ Lab	Core Lab(6)	Debarshi Kumar Sanyal	A11
AEC 4100	History of Science	AECC (Non- CGPA) (2)		TRC 501
COM 4101	Theory of Computation	Core Theory(4)	Rajarshi Ray	A11
COM 4102	Discrete Mathematics	Core Theory(4)	ProsenjitGupta(Guest Faculty)	A11
COM 4103	OS & Computer Networks	Core Theory(4)	Dr. Mridul Sankar Barik (Guest Faculty)	A11

Zoom ID:



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Class Schedule (Autumn-2022)

Master's/Integrated Master's-PhD Program/PhD Course

SPS (UG-V&PG-I), SMS/SAIS(P) (PG-I)

Day	10.00-11.30	11.30-13.00	14.00-15.00	15.00-16.00	16.00-18.00
Monday	PHS 4103	PHS 4104	PHS 4111 (Computer Lab Instruction) MAS 4111 AIS 4105P	PHS 4111 MAS 4111 AIS 4105P	
Tuesday	PHS 4102	PHS 4101		PHS 4111 MAS 4111 AIS 4105P	
Wednesday	PHS 4104	PHS 4103 (T)	PHS 4101 (T)	PHS 4111 MAS 4111 AIS 4105P	
Thursday	PHS 4103	PHS 4102		PHS 4111 MAS 4111 AIS 4105P	
Friday	PHS 4102(T)	PHS 4101		AEC 4100	

Code	Course	Type (Credit)	Instructor(s)
	Venue: C 406; Zoom ID:		
PHS 4101/AIS 4110	Classical Mechanics	Core Theory(4)	Sumanta Chakraborty
PHS 4102/AIS 4111	Advanced Quantum Mechanics-I	Core Theory(4)	Krishnendu Sengupta / Soumitra Sengupta
PHS 4103/AIS 4112	Mathematical Methods-I	Core Theory(4)	Indra Dasgupta
PHS 4104/AIS 4113/ PHD 117	Electronics	DSE(4)	K. D. M. Rao & Subhodeep Datta (Venue: TRC 504)
PHS 4111	Electronics Lab	Core Lab(4)	K. D. M. Rao & Subhodeep Datta
	Computer Programming Lab	Core Lab(2)	Sunanda Banerjee
AEC 4100	History of Science	AECC (Non-CGPA) (2)	TRC 501
AIS 4105P	Laboratory-I	Core Lab (6)	(Coor: Dr. KDM Rao)
MAS 4111	Materials Laboratory-I	Core Lab (6)	



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Class Schedule (Autumn Semester-2022)

Integrated Master's-PhD Program (PG-IV/UG-VIII/PHD)

Day	10.00 -11.30	11.30 - 13.00	13.00 - 14.00	14.00 - 15.30	15.30-17:00	17.00-18.30
Monday	COM 5103, MAT 5102, AIS 5102, AIS 5103	MAS 5105, PHS 5101, PHD 117, BIS 5112		MAS 5101, COM 5101, MAT 5101, BIS 5101, AIS 5101, CHS 5101	CHS 5103D PHS 5102	BIS 5103/AIS 5109, CHS 5103B, CHS 5102C
Tuesday	CHS 5102D, BIS 5102, PHS 5104, PHS 5105, PHS 5108	PHS 5103, CHS 5102A, MAS 5102, COM 5102, MAT 5104, AIS 5121, CHS 5103C		CHS 5102D, BIS 5102, PHS 5104, PHS 5105, PHS 5108	CHS 5103D	BIS 5103/AIS 5109
Wednesday	MAS 5105, PHS 5101, PHD 117, BIS 5112	MAS 5104		COM 5103, MAT 5102, AIS 5102, AIS 5103	BIS 5104	MAS 5101, COM 5101, MAT 5101, BIS 5101, AIS 5101, CHS 5101, PHS 5102
Thursday	PHS 5103, CHS 5102A, MAS 5102, COM 5102, MAT 5104, AIS 5121, CHS 5103C	MAS 5105, PHS 5101, PHD 117, BIS 5112		AEC 5100	BIS 5104	CHS 5103B, CHS 5102C
Friday	MAS 5104	CHS 5102D, BIS 5102, PHS 5104, PHS 5105, PHS 5108		PHS 5103, CHS 5102A, MAS 5102, COM 5102, MAT 5104, AIS 5121, CHS 5103C	COM 5103, MAT 5102, AIS 5102, AIS 5103	MAS 5101, COM 5101, MAT 5101, BIS 5101, AIS 5101, CHS 5101

- For Core courses, Instructor may choose one of the slots as tutorial.
- For DSE/GE courses, if three slots are provided, Instructor may choose two slots out of the three.

CODE	COURSE NAME	COURSE TYPE	INSTRUCTOR	VENUE
COM 5103/PHD 130	Advanced Machine Learning,		D Sanyal	TRC 503
MAT 5102	Algebra -III		S. M. Srivastava	A22
AIS 5102/PHD 114	Drug Design and Delivery		S SINHA	TRC 504
AIS 5103/PHD 116,	Energy Generation & Harvesting Technologies		Anuja Datta	A12
MAS 5101	Chemistry in Bioorganic & Nanomaterials		N R Jana	A12
COM 5101	Data Base Management System		PRATAP CH MANDAL	A22
MAT 5101	Functional Analysis		SAYAN CHAKRABORTY	A21
BIS 5101	Human Physiology		R R PAL	TRC 502
AIS 5101/PHD 113,	Macromolecules-II		S Malik	TRC 503
CHS 5101	Physical Methods in Chemistry-I		H RATH	TRC 504
CHS 5102D/PHD 104	Advanced Molecular Spectroscopy		P.C.Singh	A12
CHS 5103D/PHD 108	Chemistry in Living Organisms		J Dash	TRC 504
BS-41005/BIS 5102/AIS 5108	Computational Biology and Bioinformatics,		Raja Paul & Paltu Kr. Dhal	C404
PHS 5104/PHD 112	General Relativity and Cosmology		Parthasarathi Majumdar	TRC 502
PHS 5105/PHD 126	Modern Laboratory Techniques in Condensed Matter Physics		Devajyoti Mukherjee & Mintu Mondal	TRC 503
PHS 5108	Physics of Cosmic Microwave Background Radiation and Structure Formation in the Universe		S. Mukhopadhyay	A22
PHS 5103/PHD 109	Advanced Statistical Mechanics		Jayanta Kumar Bhattacharjee	TRC 502
CHS 5102A/PHD 101	Chemical Binding and Electronic Structure		D Ghosh	A12
MAS 5102	Chemistry of Solid-State Inorganic, Organic & Hybrid Materials		A BHOUMIK & U MAITRA	A22
COM 5102/PHD 131	Data Mining & Knowledge Discovery		Partha Basuchowdhuri	A21

MAT 5104	Differential Geometry		S BERA	TRC 503
BS 50007/BIS 5104/PHD 124	Nanoscale Engineering of Biological System		R MUKHERJEE & ANIRBAN BHATTACHARYA	TRC 504
AIS 5121/ PHD 115	Organic Optoelectronics: Materials, Mechanisms and Devices		S . VARGESE	C404
CHS 5103C/ PHD 107	Supramolecular Chemistry: Principles and Applications		P GHOSH	TRC 504
BIS 5103/AIS 5109/PHD 125	Bio Inspired Material		A BANERJEE	TRC 502
CHS 5103B/PHD 107	Chemistry and Physics of Solids		A DATTA	TRC 504
CHS 5102C/ PHD 103	Organic Synthesis-II		R K GOSWAMI	TRC 503
PHS 5102/PHD 110	Quantum Field Theory,		Sumanta Chakraborty	C404
MAS 5104/PHD 134	Semiconductor Physics & Devices		P Kumar	TRC 504
MAS 5105/PHD 135,	Chemistry & Physics of Polymers,		Arun Nandi	A12
PHS 5101	Condensed Matter Physics,		Saurav Giri	C404
BIS 5112	Pharmacokinetics & Pharmacogenomics		Sanmoy Kumar	TRC 503
AEC 5100	Scientific Writing and Ethics		Ankan Paul	TRC 504
PHS 4104/AIS 4113/PHD 117	Electronics		K.D.M. Rao & Dr. Subhadeep Datta	TRC 504