



# Indian Association for the Cultivation of Science

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

## Class Schedule (Spring Semester-2020)

(UG-II, UG-IV of SPS, SCS, SBS)

### 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	CHS 1201 CHS 2203 BIS 2203 PHS 2201	CHS 2201 PHS 2202 BIS 2201 AEC 1201	CHS/PHS/BIS 1201 (L), CHS 2211, BIS 2211, PHS 2211		
Tuesday	PHS 1201 CHS 2202 PHS 2204 BIS 2202	MCS 1201B CHS 2204 PHS 2203 BIS 2204	CHS/PHS/BIS 1201 (L), CHS 2211, BIS 2211, PHS 2211		
Wednesday	BIS 1201 CHS 2203 PHS 2201	MCS 1201A CHS 2201 PHS 2202 BIS 2201 MAT 2202	CHS/PHS/BIS 1201 (L), CHS 2211, BIS 2211, PHS 2211		
Thursday	PHS1201 BIS 2203 PHS 2204	MCS 1201B CHS 2202 PHS 2203 BIS 2204	CHS 2204(T) PHS 2201(T) BIS 2201(T)	CHS 1201(T) CHS 2203(T) PHS 2203(T) BIS 2202 (T)	BIS 1201(T) BIS 2203(T)
Friday	BIS 1201 BIS 2202 PHS 1201(T)	CHS 1201 CHS 2204 BIS 2279	AEC 1201 CHS 2201(T) PHS 2202(T) BIS 2204(T)	MCS 1201A CHS 2202(T) PHS 2204(T) BIS 2279(T)	

### Courses, Instructors and Venue:

Code	Course	Type of Course	Instructor
<b>Semester-II (Venue: A31)</b>			
MCS 1201	A. Linear Algebra & Multivariable Calculus B. Object-Oriented Programming with Java	Core	Koushik Ray Anup K Sen
PHS 1201	Electricity, Magnetism & Optics	Core	Sumanta Chakraborty

CHS 1201	Structure & Spectroscopy	Core	Ramaprosad Chakravarti and Tapas Chakraborty
BIS 1201	Biochemistry, Genetics & Evolution	Core	Prosenjit Sen and Mainak Sengupta
CHS/PHS/BIS 1201 (L)	Laboratory (PCM)	Core Lab	Bhupati Chakraborty (P), Tapas Chakraborty (C), Prosenjit Sen & Deepak Sinha (B)
AEC 1201	Know Your Environment	AEC	Sandip Mukhopadhyay and Pritha Bhattacharya
<b>School of Chemical Sciences</b>			
<b>Semester-IV (Venue: A12, LAB)</b>			
CHS 2201	Organic Synthesis (Functional Group Chemistry)	Core	Brindaban C Ranu
CHS 2202	Coordination and Transition Metal Chemistry	Core	Harapriya Rath
CHS 2203	Thermodynamics, Kinetics and Catalysis	Core	Satrajit Adhikari
CHS 2204	Learning Chemistry with Computers	Core	Debashree Ghosh and Joyram Guin
CHS 2211	Organic, Inorganic and Physical Chemistry Laboratory	Core Lab	Subrata K. Ghosh (OC) Tapan K Paine (IC) Arun Nandi (PC)
<b>School of Biological Sciences</b>			
<b>Semester-IV (Venue: Ray Chowdhury Hall, Centenary Building)</b>			
BIS 2201	Proteins and Enzymes	Core	Arindam Banerjee and Somdatta Ghosh Dey
BIS 2202	Molecular Genetics	Core	Mainak Sengupta
BIS 2203	Ecology	Core	Manabi Paul
BIS 2204	Birth, Growth and Death Cycle	Core	Arunima Sengupta
BIS 2211	Molecular and Cell Biology Laboratory	Core Lab	
BIS 2279	Gene Engineering	SECC	Benubrata Das
<b>School of Physical Sciences</b>			
<b>Semester-IV (Venue: Old UG Class Room, Centenary Building)</b>			
PHS 2201	Classical Mechanics and Special Relativity	Core	Soumitra Sengupta
PHS 2202	Electrodynamics and Electronics	Core	Partha Majumdar and Subhadeep Datta
PHS 2203	Quantum Mechanics	Core	Satyanarayan Mukhopadhyay
PHS 2204	Intermediate Statistical Mechanics with Applications	Core	Jayanta Bhattacharjee
PHS 2211	Digital Electronics and Nuclear Physics (Lab)	Core Lab	Subham Majumdar and Mintu Mondal

**School of Mathematical and Computational Sciences**

Day	9.00 -10.30	10.30 – 12.00	12.00 – 13:30	13:30 – 15.00	15.00 – 16:30	16:30 – 18:30
Monday						
Tuesday		MAT 2202		COM 2202 (L+T)		
Wednesday	COM 2211 (RR)			MAT 2201 (L+T)		COM 2201 (L+T)
Thursday		MAT 2202 (L+T)		COM 2202	MAT 2279	COM 2211 (PBC+RR)
Friday	COM 2211 (PBC)			MAT2201	MAT 2203	
Saturday		COM 2201				

<b>Semester-IV (Venue: K S Krishnan Class Room, Main Building)</b>			
MAT 2201	Algebra I	Core	Sukhendu Kar (JU)
COM 2201	Digital Logic and Computer Organization	Core	Mridul S Barik (JU)
MAT 2202	Vector Calculus	Core	Sayani Bera + Alok Goswami
COM 2202	Information Storage and Retrieval	Core	Anup K Sen and Sudip Naskar (JU)
MAT 2203	Number Theory	Core	S M Srivastava
COM 2211	Data Structure and Algorithms	Core Lab	Partha Basuchowdhuri and Rajarshi Ray