ASUTOSH COLLEGE
(Estd. 1916)
92, S.P. Mukherjee Road
Kolkata – 700026

Phone: 2455-4504/ 2486-3912
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Mail : mail @asutoshcollege.in
Web : www.asutoshcollege.in

ASUTOSH COLLEGE	
NAME OF THE DEPT.	INDUSTRIAL FISH AND FISHERIES

CBCS

TIME / DAY		10.15 - 11.00	11.00 - 11.45	11.45 - 12.30	12.30 - 1.15	1.15 - 2.00	2.00 - 2.45	2.45 - 3.30	3.30 - 4.15	4.15 - 5.00	5.00 - 5.45
		Major	Major	Major	Major	Major	Major	Major	Major	Major	Major
MONDAY	Sem 1										
	Sem 3	SG	BS	BS	RD	RD	RD		RM-PR	RM-PR	RM-PR
	Sem 5				RM			SG	SG		
TUESDAY	Sem 1										
	Sem 3				RM	RM	UB	UB			
	Sem 5	RD-PR	RD-PR	RD-PR		SG	SG		RM-PR	RM-PR	RM-PR
WEDNESDAY	Sem 1										
	Sem 3	UB	UB	RD	RD		SG	SG	SG		
	Sem 5	RM	RM			SG					
THURSDAY	Sem 1										
	Sem 3			RD-PR	RD-PR	RD-PR	RD	RD			
	Sem 5	RD	UB-PR	UB-PR	UB-PR			UB	UB		
FRIDAY	Sem 1										
	Sem 3				BS	RM	RM				
	Sem 5	BS	BS				RD	RD	UB	UB	
SATURDAY	Sem 1										
	Sem 3	BS	BS	UB	UB	UB					
	Sem 5	UB	UB	BS-PR	BS-PR	BS-PR					

NEP

TIME / DAY		10.15 - 11.00	11.00 - 11.45	11.45 - 12.30	12.30 - 1.15	1.15 - 2.00	2.00 - 2.45	2.45 - 3.30	3.30 - 4.15	4.15 - 5.00	5.00 - 5.45
		Major	Major	Major	Major	Major	Major	Major	Major	Major	Major
MONDAY	Sem 1		RD- DSC	RD- DSC					BS-DSC	BS-DSC	
	Sem 3										
	Sem 5										
TUESDAY	Sem 1		UB-SEC	UB-SEC							
	Sem 3										
	Sem 5										
WEDNESDAY	Sem 1			SG-SEC	SG-SEC	UB-PR	UB-PR	UB-PR			
	Sem 3										
	Sem 5										
THURSDAY	Sem 1								SG-SEC	SG-SEC	
	Sem 3										
	Sem 5										
FRIDAY	Sem 1	RD-PR	RD-PR	RD-PR					RD- DSC	RD- DSC	
	Sem 3										
	Sem 5										
SATURDAY	Sem 1										
	Sem 3										
	Sem 5										

Sl. NO.	FACULTY (Abbreviation)	FULL NAME
1	RD	RAM KRISHNA DAS
2	RM	RAHUL MONDAL
3	BS	BIDISHA MAITRA SEN
4	UB	UTPAL KR BARMAN
5	SG	SHREYOSHREE GANGULY

PRINCIPAL
ASUTOSH COLLEGE
92, S. P. MUKHERJEE ROAD
KOLKATA-700 026

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Dept of Industrial Fish & Fisheries

TIME / DAY		10.15 - 11.00	11.00 - 11.45	11.45 - 12.30	12.30 - 1.15	1.15 - 2.00	2.00 - 2.45	2.45 - 3.30	3.30 - 4.15	4.15 - 5.00	5.00 - 5.45
		Major	Major	Major	Major	Major	Major	Major	Major	Major	Major
MONDAY	Sem 2	BS	BS	BS				RM	RM		
	Sem 4			RM	RM		SG	SG			
	Sem 6				SG	SG					
TUESDAY	Sem 2			BS	BS	RD	RD	RD	RD	RD	
	Sem 4	RM	RM			BS	BS				
	Sem 6			UB	RM			RM	RM	RM	
WEDNESDAY	Sem 2		RM	RM	UB			SG	SG		
	Sem 4			UB	RD	RD	UB	UB	UB		
	Sem 6										
THURSDAY	Sem 2			SG	SG			BS			
	Sem 4					RD	RD		RD	RD	RD
	Sem 6	BS	BS	BS		UB	UB				
FRIDAY	Sem 2	RM	RM	RM	SG	SG					
	Sem 4			BS	BS	BS					
	Sem 6						UB	RD	RD	RD	
SATURDAY	Sem 2										
	Sem 4	UB	UB	UB	UB	UB					
	Sem 6	RD	RM	RM	BS	BS					

Sl. NO.	FACULTY	FULL NAME
1	RD	RAM KRISHNA DAS
2	RM	RAHUL MONDAL
3	BS	BIDISHA MAITRA SEN
4	UB	UTPAL KR BARMAN
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Department of Computer Science

Odd Semester, 2023 Class Routine

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
MONDAY	PG I					CSMC 101 TM (1:00pm - 3:00pm)					
	PG III	CSMC 304 GM(10:30 am -12:30pm)			CSMC 301 SKM (1:00 pm -3:00 pm)			CBCC1 Extd Lect (3:00 pm -5:00 pm)			
	UG V(H)	DSE A1 (P) CB G1 SKM LA:SAS				CC11 (TH) SS R29		DSE B2 (P) CB G2 SKC LA: SAS			
	UG III(H)	REM CC7(P) Lab 2 PS				CC6(TH) GM R4		X	X		
	UG I (MAJOR)	SEC(P) GR-A TM Lab1 LA:SC					MATH [30]	SEC(P) GR-B SS Lab1 LA:SB			
	UG V(G)										
	UG III(G)						III G R37EL			CC3/GE3(P) Lab2 (8+9) Extd Lect	
	UG 1 m1/ MDC	m1 MTMA(P) ArS, LA: SC CC1		MDC AC, LA: SC CC1			MATH [30]	m1+MDC CC1 R-52 AC			

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
TUESDAY	PG I	CSMC 101 Extd Lect (10:30am - 12:30pm)				CSMP 105(MOD A) CB AKG (1:30 pm - 3:30 pm) LA:SB					
	PG III		CSMP 305 CB LA:SAS SKM (11:00 am – 1:00 pm)				CBCC1 Extd Lect (2:00 pm -4:00 pm)				
	UG V(H)	REM/PRJ SKC,AS,TM	REM/PRJ SKC,AS,TM	CC12(TH) SKC R4 R4		CC11 (P) Lab1 SS G2 LA:SC			DSE B2 (TH) SKC		
	UG III(H)	CC5(P) HW Lab AKG G1 LA: SB			CC7(TH) AC R11		X	X	CC7(TH) AS R29		
	UG I (MAJOR)	MAJOR TH {T}[32] REM/ MENT		MAJOR TH {T}[32] TM		AEC 29	MAJOR SEC(P) PS Lab 1				
	UG V(G)		DSE A SS Th R10				DSE A (P) AS Lab 2 LA:SAS				
	UG I m1/ MDC			MDC PCOMM (SEC) PRAC AS Lab2 LA:SC		AEC 30	m1 + MDC CC1 R52 AC	MDC CC1 R52 AC		MDC SEC PR SS Lab1 LA:SC	

MAJOR SEM1: (DSCC1) Gr 1 Roll 28-452; **Gr 2** Roll 461-765; **Gr 3** Roll 781- rest; **(SEC) Gr A** Roll 28-581; Gr B Roll 590-rest
SEM 3: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM 5: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest
m1 STAT+ELTA Grp 1: Roll 174 to766; Grp2: Roll:812 to 1621

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Department of Computer Science

Odd Semester, 2023 Class Routine

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
WEDNESDAY	PG I										
	PG III	CSMC 301 SKM (10:30am - 12:30pm)				CSMC 304 GM (1:15pm – 3:15pm)			Seminar CSMP306 AC		
	UG V(H)		CC11 (TH) GM R4		DSE B2 (P) Lab1 SKC G1 LA: SB DSE A1 (P) CB SKM G2 LA: SC			CC12 (TH) SKC R4		REM/PRJ SS, PS	REM/PRJ SS, PS
	UG III(H)	CC7(TH) PS R4		SEC(TH) SS CB		CC5(TH) AKG R4		X	CC6(P) TM Lab1 G2 LA: SC		
	UG I (MAJOR)					Maths [30]	MAJOR DSCC(TH) AC {T}[29]		DSCC1 (P) G1 AKG LA:SAS		
	UG V(G)					SEC A2 Th SS R 38					
	UG III(G)					III G L2 TM	REM CC3/GE3(P) PS				
	UG I m1/ MDC	m1 MTMA PRAC AC, LA:SB CC1 Grp 2		MDC SEC AS R-44		MATH [30]					

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
THURSDAY	PG I		CSMC 104 AS (11:30am - 1:30pm)				CSMC 103 GM (2:00pm - 4:00pm)				
	PG III		CBCC2 Extd Lect (11:00 am -2:00 pm)				Seminar CSMP306 SKM,SKC				
	UG V(H)	DSE B2(TH) SKC R4		DSE A1 (TH)SKM R4			REM CC11(P) PS Lab2			REM/PRJ AKG,AC	REM/PRJ AKG,AC
	UG III(H)			CC5(P) HW Lab AKG G2 LA:SC CC6(P) TM G1 Lab1 LA:SAS				X	TH R44 CC7(P) G2 AS Cent Lab LA:SAS CC7(P) Lab2 G1 AC LA:SB		
	UG I (MAJOR)			MAJOR DSCC (TH) {T}GM [51]		MATH [30]	DSCC1 (P) Gr2 AKG LA:SB				
	UG V(G)			DSE-ATh SS R 52	REM DSE-A5 (TH) PS R4						
	UG III(G)	CC3/GE3(P) Lab2 (8+9) SKM LA:SB									
	UG I m1/ MDC	MDC CC1 PRAC ArS HB LA: SC			m1+MDC CC1 AC R52A	MATH [30]				SEC(TH){T}[R4] PS	

MAJOR SEM1: (DSCC1) Gr 1 Roll 28-452; **Gr 2** Roll 461-765; **Gr 3** Roll 781- rest; **(SEC) Gr A** Roll 28-581; Gr B Roll 590-rest
SEM 3: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM 5: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest
m1 STAT+ELTA Grp 1: Roll 174 to766; Grp2: Roll:812 to 1621

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Department of Computer Science

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		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
FRIDAY	PG I	CSMC 103 GM (10:30am - 12:30pm)				CSMC 102 AKG (1:00pm - 3:00pm)			CSMP 105 MOD. B AS (3:00pm - 5:00pm) LA:SAS		
	UG V(H)		CC11 (P) AKG L1 G1 LA:SC CC12 (P) SKC L2 G2 LA:SAS			CC12 (P) AS G1 Cent Lab LA: SAS			DSE B2 (TH) SKC R4		
	UG III(H)					X	CC6(TH) GM R11				
	UG I (MAJOR)	DSCC1 (P) Gr 3 AC LA:SB			AEC 49		MAJOR SEC (TH) SS R-32				
	UG V(G)				SS R 52						
	UG III(G)						TH AC R-N2				
	UG I m1/ MDC				AEC 30				MDC SEC (TH) SS N3		

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
SATURDAY	PG I	CSMC 102 Extd. Lect (10:30am - 12:30pm)			CSMC 104 AS (12:30pm - 2:30pm)						
	PG III	Seminar CSMP306 AS		Seminar CSMP306 GM,TM		Seminar CSMP306 AKG					
	UG V(H)	REM/PRJ GM,SKM	REM/PRJ GM,SKM	DSE A1(TH) SKM R4		REM CC11(P) PS Lab2					
	UG III(H)		CC5 (TH) AKG R11		SEC [Graphics](TH) Extd. Lect R11						
	UG I (MAJOR)	IDC		CVAC 49							
	UG V(G)										
	UG III(G)										
	UG I m1/ MDC	IDC		CVAC 49							

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ASUTOSH COLLEGE
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KOLKATA-700 026

MAJOR SEM 1: (DSCC1) Gr 1 Roll 28-452; **Gr 2** Roll 461-765; **Gr 3** Roll 781- rest; (**SEC) Gr A** Roll 28-581 ; **Gr B** Roll 590-rest
SEM 3: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM 5: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest
m1 STAT+ELTA Grp 1: Roll 174 to766; Grp2: Roll:812 to 1621
Tutorial/Remedial SEM 3 PG CSMP 306 SEMINAR SEM 5 UG PROJECT/REMEDIAL

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Department of Computer Science

Even Semester, 2024 Class Routine

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
MONDAY	PG II										
	PG IV					CSMG403 PRJ GM,SKM,TM					
	UG VI(H)	TM CC14 R4	TM CC14 R4		CC13 SKC R4	CC13 SKC R4	DSE A4 SKM R4	DSE A4 SKM R4	CC13P+14P PRJ SS		
	UG IV(H)										
	UG II (MAJOR)	CC 2 (P) G1,GM, L1 SC,						SEC 2 (P)G1, AC, L1,SB			
	UG VI(G)							SKC DSEA(P) L2, LS			
	UG IV(G)	PS CC4P (2+6) L2,	PS CC4P (2+6) L2,		AC SECB2 R32						
	UG II m1/ MDC	M1 pr SKM, L1, SM		MDC pr SS, L2				M1+MDC PS R11			

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
TUESDAY	PG II		CSMP 205 MOD-A AS(10:30-12:30pm) CB			CSMC 204 AC (1:00pm - 3:00pm)			CSMC 201 PS (3:00pm – 5:00pm)		
	PG IV		CSMC 402.1 Ext Lect (11:00am - 1:00pm)			CSMC 401.5 TM (1:30pm - 3:30pm)					
	UG VI(H)			DSE A4 (Th) SKM(R4)		CC13 (TH) SS L2			CC13P+14P PRJ SS		
	UG IV(H)		SEC-B-1 (Th) AC L2			CC9 (Pr) AKG,SB G1 L1 CC10 (Pr) SKM,SC G2 HB					
	UG II (MAJOR)		CC2 Th R11 AKG			AEC 29					
	UG VI(G)							DSE-A P SKC,LS (L2)			
	UG IV(G)							CC4 (Th) SS R11			
	UG II m1/ MDC			MDC pr PS, L1, SM		AEC 29	M1+MDC 51 AS				

MAJOR SEM I1:Gr 1 Roll 28-581**; Gr 2** Roll 590-rest
SEM IV: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM VI: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest

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Department of Computer Science

Even Semester, 2024 Class Routine

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
WEDNESDAY	PG II	CSMC 202 AS (10:30am - 12:30pm)				CSMC 203 GM (1:30Pm - 3:30pm)					
	PG IV			CSMG403 PRJ SKC				CSMG403 PRJ AKG			
	UG VI(H)	DSE B3 GM R4		AKG, LS (L1) G1 DSEB3 P SKM, SC (CB) G2 DSEA4 P				CC13P+14P PRJ GM,AS , SKM, SKC,AC,TM			
	UG IV(H)	CC8 R11 PS TH		TM, SB (HB) CC10P G1 PS (L2) CC8P G2 SM				PR TM (HB) G1 PR PS (L2) G2		CC10 TM R-10 (TH)	
	UG II (MAJOR)						SEC2 AC Th R10		SEC 2 (P)G2, AC, L1, SB (4 CLS)		
	UG VI(G)						SKC TH R10				
	UG IV(G)						CC4/GE4 (5) L2 SS,LS	CC4/GE4 P (5) L2 SS,LS			
	UG II m1/ MDC	M1 Pr, SKM, L1, SM		MDC 41 SS							

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
THURSDAY	PG II		CSMP 205 MOD-B CB AS, SC (2:15 PM - 4:15 PM)			CSMC 201 TM (1:00Pm - 3:00pm)		CSMC 204 SKC (3:00Pm -5:00pm)			
	PG IV		CSMG 401.5 GM (11:00pm -1:00pm)				CSMG403 PRJ AC		MENT/REM		
	UG VI(H)	CC14 (TH) TM R4		CC13P+14P PRJ AKG		CC13P+14P PRJ PS					
	UG IV(H)	SKC TH R11		PS TH R11		CC10 L2 SKM		AKG CC9 R4			
	UG II (MAJOR)			SEC2 SS Th N2				CC 2 (P)G2, GM, L1			
	UG VI(G)				SKC TH R10						
	UG IVG)					SKCSECB2 R32	AS GE4 R32	PS (PR) CC4/GE4 (5+6) L1,SM			
	UG II m1/ MDC	MDC Pr SS l2, LS			M1+MDC SKM N1						

MAJOR SEM I1:Gr 1 Roll 28-581**; Gr 2** Roll 590-rest

SEM IV: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM VI: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest

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FRIDAY	PG II			MENTOR/REM /PRJ							
	PG IV										
	UG VI(H)	AKG, LS DSEB3 G2, L1 SS, SB DSEA4 G1, CB					DSE B3 GM R4				
	UG IV(H)		CC9 AKG R4		MENT/REM						
	UG II (MAJOR)				AEC 49		CC2 Th N2 AKG				
	UG VI(G)						SKC TH R10	SKC (P) DSEA, L2,SM			
	UG IVG)						SS TH CC4R32		AS, SC CC4/GE4 (2) CB		
	UG II m1/ MDC	M1 Pr AS, CB			AEC 49						

		10:15	11:00	11:45	12:30	01:15	02:00	02:45	03:30	04:15	05:00
SATURDAY	PG II	CSMC 202 AS (10:30am - 12:30pm)				CSMC 203 TM (12:00-2:00pm)					
	PG IV		CSMG403 PRJ AS								
	UG VI(H)		CC13P+14P PRJ GM		MENT/REM/PRJ						
	UG IV(H)		AKG CC9 G2, CC9P L1, SC PS CC8 G1, CC8P L2 SB								
	UG II (MAJOR)	IDC	IDC	CVAC 49	CVAC 49						
	UG VI(G)										
	UG IVG)										
	UG II m1/ MDC	IDC		CVAC49							

MAJOR SEM I1:Gr 1 Roll 28-581**; Gr 2** Roll 590-rest
SEM IV: Gr 1 Roll 11-427; **Gr 2** Roll 482-rest, **SEM VI: Gr 1** Roll 39-780; **Gr 2** Roll 782-rest

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ASUTOSH COLLEGE	
Name of The Department:	**POLITICAL SCIENCE**

TIME / DAY		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY	Sem 1			Major(SS)		Major(DG)	Minor(HB)														
TUESDAY	Sem 1			Major(SS)		Major(SS)							Minor(SSEN)								
WEDNESDAY	Sem 1			Major(DG)		Major(SS)															
THURSDAY	Sem 1							Major(DG)	Minor(SSEN)	Major(DG)											
FRIDAY	Sem 1			Major(DG)		Major(SS)										Major(DK)		Major(DK)			
SATURDAY	Sem 1					CVAC (TR)	CVAC(SSEN)	CVAC (DK)	CVAC (DK)												

Sl. No.	FACULTY (Abbreviation)	FULL NAME
1	**SA**	Sukanta Acharya
2	**SS**	Sanchita Sanyal
3	**DK**	Debarshi Khamrui
4	**SP**	Satarupa Pal
5	**DG**	Doel Mukherjee Gupta
6	**HB**	Hirni Bhowmik
7	**TR**	Toushali Raina
8	**SSEN**	Shamayita Sen

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ASUTOSH COLLEGE	
Name of The Department:	**POLITICAL SCIENCE**

TIME / DAY		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY	Sem 5									SP				SP			SP	HB/SSEN			
	Sem 3					SS		SS				DG	TR	DG							
TUESDAY	Sem 5										SP			SP		HB/SSEN					
	Sem 3					TR		SS		SS											
WEDNESDAY	Sem 5							SP		TR	SP										
	Sem 3									DG		SA		TR		TR					
THURSDAY	Sem 5			TR		SP				HB/SSEN		HB/SSEN									
	Sem 3							HB/SSEN	DK					DK		DK		SA			
FRIDAY	Sem 5																				
	Sem 3											SP			DK						
								DG		DG		DK	SA			DK		SA			
SATURDAY	Sem 5																				
	Sem 3			TR		HB/SSEN		DK													

Sl. No.	FACULTY (Abbreviation)	FULL NAME
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5	**DG**	Doel Mukherjee Gupta
6	**HB**	Hirni Bhowmik
7	**TR**	Toushali Raina
8	**SSEN**	Shamayita Sen

PRINCIPAL
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Web : www.asutoshcollege.in

Department of Political Science

TIME / DAY		10.15-11.00	11.00-11.45	11.45-12.30	12.30-1.15	1.15- 2.00	2.00- 2.45	2.45- 3.30	3.30- 4.15	4.15- 5.00	5.00- 5.45
		Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen	Hons/Gen
MONDAY											
	Sem2		SS	SS		S SEN(MINOR)	SSEN(MINOR)	DG	DG		
	Sem4				DG		SS	SA			
	Sem6		SSEN	SSEN	SP	SP(G)	DG				
TUESDAY											
	Sem2			SS	SS	DK	DK	SA	SA	SS	
	Sem4		TR		TR(G)	DG	SSEN(G)	SSEN(MINOR)	DK(G)	DK	
	Sem6		DG	TR	SP	SP	DG	DK	SP		
WEDNESDAY											
	Sem2			DG	SS	DK		DK	DK		
	Sem4			TR(G)	DG	DG	TR(G)	SA	SP(G)		
	Sem6		SP	SP(G)		TR	SP(G)	DG	SP		
THURSDAY											
	Sem2			SSEN	SSEN(MINOR)						
	Sem4			SSEN(G)	DG	TR(G)	TR		SS	SS	SS
	Sem6		SSEN	SP	SP	SSEN	SP	SP(G)	DK	DK	
FRIDAY											
	Sem2			SS	SS	DK	DK				
	Sem4			TR(G)	DG	DG		DK(G)			
	Sem6				SP		DK	SP(G)	TR	SS	
SATURDAY											
	Sem2										
	Sem4				DK						
	Sem6		TR								
				TR		DK					

Faculty	Full Name
SA	Sukanta Acharya
SS	Sanchita Sanyal
DK	Debarshri Khamrui
SP	Satarupa Pal
DG	Doel Mukherjee Gupta
TR	Toushali Raina
SSen	Shamayita Sen

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ASUTOSH COLLEGE

Name of The Department: BENGALI

TIME / DAY		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY	Sem 1								MDC SM+BD			MAJOR I (SM)		MAJOR I (SG)							
TUESDAY	Sem 1													MDC KB+BM		MAJOR I (CSG)		MAJOR I (UB)			
WEDNESDAY	Sem 1									MAJOR I (BD)		MAJOR I (KB)		LI B(SM)		LIB (SM)					
THURSDAY	Sem 1					MAJOR I (SD)	MDC SM+SND	MAJOR I (BM)													
FRIDAY	Sem 1												MDC UB+AD			MAJOR I (AD)		MAJOR I (SND)			
SATURDAY	Sem 1	IDC SG+SND		IDC KB+UB																	

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Sl. No.	FACULTY (Abbreviation)	FULL NAME
1	KB	Smt. Krishna Basu
2	CSG	Dr. Chandramalli Sengupta
3	BM	Sri Bhaskar Mridha
4	MK	Dr. Manas Kabi (MK)
5	SD	Dr.Samrat Datta (SD)
6	SM	Dr. Sudip Mandal
7	UB	Sri Uttiyo Basu
8	SG	Dr. Sangita Ghosh
9	SND	Smt. Samanwita Das
10	BD	Sri Bikram Das
11	AD	Smt. Ananya Das

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ASUTOSH COLLEGE

Name of The Department: **BENGALI**

TIME / DAY		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY	Sem 3					SG		SG						KB	SM						
	Sem 5							BM		BM		BD		BD					SG		
TUESDAY	Sem 3							BM		BM				UB							
	Sem 5							SM	AD	SM		CSG		CSG		KB		KB			
WEDNESDAY	Sem 3					SM		SM		TU/REM			UB								
	Sem 5							SG		SG				SND	BD	SND					
THURSDAY	Sem 3							SD		SD	AD										
	Sem 5													Lib SM		Lib SM					
FRIDAY	Sem 3					SND		SND		CSG		CSG		Lib SD		Lib SD	SND				
	Sem 5							AD		AD		SD		SD	AD	UB		UB			
SATURDAY	Sem 3					BD		BD		AD											
	Sem 5									TU/REM											

Sl. No.	FACULTY (Abbreviation)	FULL NAME
1	KB	Smt. Krishna Basu
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3	BM	Sri Bhaskar Mridha
4	MK	Dr. Manas Kabi (MK)
5	SD	Dr.Samrat Datta (SD)
6	SM	Dr. Sudip Mandal
7	UB	Sri Uttiyo Basu
8	SG	Dr. Sangita Ghosh
9	SND	Smt. Samanwita Das
10	BD	Sri Bikram Das
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ASUTOSH COLLEGE

Name of The Department: BENGALI

TIME / DAY		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY	Sem 2								II MDC Minor (S.G)			II MAJOR (SM)		MAJOR II (BD)			II MDC-SEC (SM)				
TUESDAY	Sem 2														II MDC Minor (B.M)	MAJOR II (SND)		MAJOR II (SG)	II MDC-SEC (UB)		
WEDNESDAY	Sem 2									MAJOR II (BM)		MAJOR II (UB)		LI B(SM)		LIB (SM)			II MDC-SEC (BD)		
THURSDAY	Sem 2					MAJOR II (SD)	II MDC Minor (S.N.D)	MAJOR II (CSG)													
FRIDAY	Sem 2												II MDC Minor (SD)			MAJOR II (AD)		MAJOR II (KB)	II MDC-SEC (AD)		
SATURDAY	Sem 2	IDC II CSG+SD+SM+BD+AD	IDC II CSG+SD+SM+BD+AD																		

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TIME		10.15 - 11.00		11.00 - 11.45		11.45 - 12.30		12.30 - 1.15		1.15 - 2.00		2.00 - 2.45		2.45 - 3.30		3.30 - 4.15		4.15 - 5.00		5.00 - 5.45	
DAY																					
		Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen	Hons	Gen
MONDAY																					
	Sem 4				Lcc- SG						UB	SM		SM		BD		BD			
	Sem 6							BM		BM		UB		UB	BD	SD/SM (LIB)		SD/SM (LIB)			
TUESDAY																					
	Sem 4					UB		UB		AD							SND		SND		
	Sem 6									SND		SND	LCC UB	CSG		CSG					
WEDNESDAY																					
	Sem 4					BM		BM		SG							KB				
	Sem 6							SG		SG	UB	SM		SM							
THURSDAY																					
	Sem 4									BM		BD					SM				
	Sem 6								SG	CSG		CSG		KB		SND		SND			
								SD		SD	SG	BM		BM		KB		KB			
FRIDAY																					
	Sem 4					SD		SD		SD (Lib)		AD			AD	SD(Lib)			BD		
	Sem 6							AD		AD			SND	BD		BD					
SATURDAY																					
	Sem 4							(TU /R)													
	Sem 6									(TU/R)											

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Sl. No.	FACULTY (Abbreviation)	FULL NAME
1	KB	Smt. Krishna Basu
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3	BM	Sri Bhaskar Mridha
4	MK	Dr. Manas Kabi (MK)
5	SD	Dr.Samrat Datta (SD)
6	SM	Dr. Sudip Mandal
7	UB	Sri Uttiyo Basu
8	SG	Dr. Sangita Ghosh
9	SND	Smt. Samanwita Das
10	BD	Sri Bikram Das
11	AD	Smt. Ananya Das

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ANALYSIS OF ROUTINE (SEM - 1) (per week)	
Name of Department:	**POLITICAL SCIENCE**

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	SA	Sukanta Acharya					
2	SS	Sanchita Sanyal	4			1	5
3	DK	Debarshi Khamrui	2	1			3
4	SP	Satarupa Pal					
5	HB	Hirni Bhowmik		1			1
6	DG	Doel Mukherjee Gupta	4			1	5
7	TR	Toushali Raina		1			1
8	SSEN	Shamayita Swn		3			3

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ANALYSIS OF ROUTINE (SEM - 3 , 5) (per week)	
Name of Department:	**POLITICAL SCIENCE**

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	SA	Sukanta Acharya	2	2			4
2	SS	Sanchita Sanyal	5				5
3	DK	Debarshi Khamrui	6	2			8
4	SP	Satarupa Pal	9	2		1	12
5	HB	Hirni Bhowmik	5			1	6
6	DG	Doel Mukherjee Gupta	4				4
7	TR	Toushali Raina	4	2		1	7
8	SSEN	Shamayita Swn	6			1	7

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ANALYSIS OF ROUTINE (SEM - 2,4,6) (per week)	
Name of Department:	**POLITICAL SCIENCE**

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	SA	SUKANTA A C H A R Y A	0	0	NA	4	4
2	SS	SANCHITA SANYAL	11	0	NA	2	13
3	DK	DEBARSHI KHAMRUI	10	3	NA	2	15
4	SP	SATARUPA PAL	8	5	NA	2	15
5	DG	DOEL MUKHERJEE GUPTA	10	0	NA	2	12
6	TR	TOUSHALI RAINA	6	4	NA	2	12
7	SSEN	SHMAYITA SEN	4	6	NA	0	10

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ANALYSIS OF ROUTINE (SEM -1) (per week)	
Name of Department:	**BENGALI**

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	Major	Minor	IDC	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
1	**KB**	Smt Krishna Basu	1	1	1		**3**
2	**CSG**	Dr. Chandramalli Sengupta	1				**1**
3	**BM**	Sri Bhaskar Mridha	1	1			**2**
4	**MK**	Dr. Manas Kabi					
5	**SD**	Dr. Samrat Datta	1				**1**
6	**SM**	Dr. Sudip Mandal	1	1		**2**	**4**
7	**UB**	Sri Uttiyo Basu	1	1	1		**3**
8	**SG**	Dr. Sangita Ghosh	1	1	1		**3**
9	**SND**	Smi. Samanwita Das	1	1	1		**3**
10	**BD**	Sri Bikram Das	1	1			**2**
11	**AD**	Smt. Ananya Das	1	1			**2**

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ANALYSIS OF ROUTINE (SEM -3 , 5) (per week)	
Name of Department:	**BENGALI**

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS (SEM 1&3)	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	**KB**	Smt Krishna Basu	3		**4**		**7**
2	**CSG**	Dr. Chandramalli Sengupta	4		**6**		**10**
3	**BM**	Sri Bhaskar Mridha	4		**2**		**6**
4	**MK**	Dr. Manas Kabi			**2**		**2**
5	**SD**	Dr. Samrat Datta	4		**8**	**2**	**14**
6	**SM**	Dr. Sudip Mandal	4	1	**4**	**2**	**11**
7	**UB**	Sri Uttiyo Basu	3	1	**6**		**10**
8	**SG**	Dr. Sangita Ghosh	4	1	**6**		**11**
9	**SND**	Smi. Samanwita Das	4	1	**2**		**7**
10	**BD**	Sri Bikram Das	4	1	**8**		**13**
11	**AD**	Smt. Ananya Das	3	2	**4**		**9**

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ANALYSIS OF ROUTINE SEM -2(per week)

Name of Department:	BENGALI

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS			SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			Major	MDC -Minor/SEC	IDC		
1	**KB**	Smt Krishna Basu	1				**1**
2	**CSG**	Dr. Chandramalli Sengupta	1		1		**2**
3	**BM**	Shri Bhaskar Mridha	1	1			**2**
4	**MK**	Dr. Manas Kabi					
5	**SD**	Dr. Samrat Datta	1	1	1		**3**
6	**SM**	Dr. Sudip Mandal	1	1	1	**2**	**5**
7	**UB**	Shri Uttiyo Basu	1	1			**2**
8	**SG**	Dr. Sangita Ghosh	1	1			**2**
9	**SND**	Smt. Samanwita Das	1	1			**2**
10	**BD**	Shri Bikram Das	1	1	1		**3**
11	**AD**	Smt. Ananya Das	1	1			**2**

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Analysis of Routine for SEM 4, SEM6 , PG		
NAME	**UG**	**PG**
Smt. Krishna Basu	5	4
Dr. Chandramalli Sengupta	5	4
Sri Bhaskar Mridha	1	4
Dr. Manas Kabi		2
Dr. Samrat Datta	9	6
Dr. Sudip Mondal	4	7
Sri Uttiyo Basu	3	6
Dr. Sangita Ghosh	7	3
Smt. Samanwita Das	6	3
Sri Bikram Das	6	6
Smt. Ananya Das	6	4

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ANALYSIS OF ROUTINE (SEM 1)	
NAME OF DEPARTMENT	**COMPUTER SCIENCE**

FACULTY (ABBREVIATION)	FULL NAME	MAJOR	MINOR	MDC	IDC	SEC	SEMINAR /PRJ / LIBRARY / TUTORIAL /	TOTAL CLASS
GM	Prof. Gautam Mahapatra	3						3
AS	Prof.Antika Sinha			2		1		3
AKG	Prof. Arnab Kumar Ghoshal	6	0					6
SKM	Prof. Sk Mohiuddin							0
TM	Prof. Tonmoy Mete	11				1		12
AC	Prof. Atrayee Chatterjee	12	8	8				28
SS	Prof Shilpa Saha	11		8		1		20
SKC	Prof. Sagarika Kar Chowdhury							0
ArS	Prof Arnab Samadder	1	6	6				13

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ANALYSIS OF ROUTINE (SEM -3/4 , 5/6) (per week)

Name of Department: **COMPUTER SCIENCE**

FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR /PRJ / LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
		HONS (Sem 3 and Sem 5)	GEN (Sem 3 and Sem 5)			
GM	Prof. Gautam Mahapatra	7	0	12	4	23
AS	Prof.Antika Sinha	4	5	10	4	23
AKG	Prof. Arnab Kumar Ghoshal	13	0	6	4	23
SKM	Prof. Sk Mohiuddin	10	2	9	4	25
TM	Prof. Tonmoy Mete	6	3	3	4	16
AC	Prof. Atrayee Chatterjee	5	1	0	4	10
SS	Prof Shilpa Saha	7	4	0	2	13
SKC	Prof. Sagarika Kar Chowdhury	16	0	0	4	20
ArS	Prof Arnab Samadder		0	0	0	0

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From other departments, Semester-2-SEC-2, NEP:

Course Code	Type	Faculty	Syllabus
SEC-2 A.I.	Theory	Ext. Lect.	All syllabus will be covered
	Practical	AS, AKG, SKM, PS, TM, SKC	All syllabus will be covered
SEC-2 D.E.	Theory	Ext. Lect.	All syllabus will be covered
	Practical	SS, AC	All syllabus will be covered

Class Load at Dept. of Computer Science Even Semester 2024:

FULL NAME	UG REGULAR CLASS			PG REGULAR CLASS	M.SC. PROJECT LOAD PROJECT(CSMG403)	B.SC.(H) PROJECT LOAD PROJECT (CC13P, CC14P)	INTER DEPARTMENTAL LOAD	SEC-2 NEP(PR)	TOTAL
	HONS (Both Sem 4 & Sem 6)	GEN	(Sem 2)						
Gautam Mahapatra	2	-	8	6	3	4	-	-	23
Antika Sinha	-	3	4	15	3	2	-	2	29
Arnab Kumar Ghoshal	20	-	4	-	3	2	-	2	31
Sk Mohiuddin	14	-	5	-	3	2	-	2	26
Prabin Subba	2	15	3	3	-	2	-	2	27
Tonmoy Mete	6	-	-	9	3	2	-	2	22
Atrayee Chatterjee	2	1	10	3	3	2	-	2	23
Shilpa Saha	6	4	7	-	-	4	-	2	23
Sagarika Kar Chowdhury	4	11	-	3	3	2	-	2	25

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ANALYSIS OF ROUTINE (SEM - 1 NEP, 3, 5) (per week)

Name of Department:	INDUSTRIAL FISH & FISHERIES

CBCS

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	RD	RAM KRISHNA DAS	18	NA	NA	2	18
2	RM	RAHUL MONDAL	18	NA	NA	2	18
3	BS	BIDISHA MAITRA SEN	11	NA	NA	2	11
4	UB	UTPAL KR BARMAN	15	NA	NA	2	15
5	SG	SHREYOSREE GANGULY	11	NA	NA	2	11

NEP

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS	PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			MAJOR			
1	RD	RAM KRISHNA DAS	4	NA	2	4
2	RM	RAHUL MONDAL	0	NA	0	0
3	BS	BIDISHA MAITRA SEN	2	NA	2	2
4	UB	UTPAL KR BARMAN	5	NA	2	5
5	SG	SHREYOSREE GANGULY	4	NA	2	4

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ANALYSIS OF ROUTINE (SEM - 2,4,6) (per week)

Name of Department: INDUSTRIAL FISH & FISHERIES

Sl. No.	FACULTY (ABBREVIATION)	FULL NAME	UG REGULAR CLASS		PG REGULAR CLASS	SEMINAR LIBRARY / TUTORIAL / REMEDIAL CLASS	TOTAL CLASS
			HONS	GEN			
1	RD	RAMKRISHNA DAS	25	NA	NA	2	27
2	RM	RAHUL MONDAL	18	NA	NA	2	20
3	BS	BIDISHA MAITRA	15	NA	NA	2	17
4	UB	UTPAL KR BARMAN	20	NA	NA	2	22
5	SG	SHREYOSREE	11	NA	NA	2	13

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ASUTOSH COLLEGE	
NAME OF DEPARTMENT:	BIOCHEMISTRY
SYLLABUS DISTRIBUTION	

Sl. No.	Name of The Teacher
1	Dr. Poulami Khan
2	Dr. Kanchan Karmakar
3	Dr. Ayesha Kabir
4	Dr. Shyamalina Haldar
5	Mrs. Priyanka Mukherjee
6	Dr. Paromita Roychoudhuri
7	Dr. Ruma Das

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
I	Core Paper 1	Introduction to Biochemistry and Biomolecules	Module -1: Introduction to Biochemistry	Dr. Shyamalina Haldar, Dr. Paromita Roychoudhury, Dr. Ruma Das	3
			Module 2- Biomolecules, Unit-1 - Water, Carbohydrates and glycobiology, Introduction to amino acids	Dr. Ayesha Kabir, Dr. Poulami Khan, Dr. Ruma Das, Miss Priyanka Mukherjee	30
			Unit-II: Introduction to peptides & proteins	Dr. Shyamalina Haldar. Dr. Kanchan Karmakar	30
			Unit III: Lipids, Nucleic Acids	Dr. Ruma Das, Miss Priyanka Mukherjee	25
	Core Paper 1-Practical			Dr. Shyamalina Haldar, Dr. Poulami Khan, Miss Priyanka Mukherjee	114
		Tools and	Unit I : Basic Lab Practices and Preparation of Solutions	Dr. Poulami Khan, Dr. Paromita Roychoudhuri	20

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	SEC	Techniques in Biochemistry	Unit II: Microscopy, Centrifugation techniques, Different Biophysical Techniques	Dr. Shyamalina Haldar. Dr. Kanchan Karmakar, Dr. Ayesha Kabir	25
	SEC-Practical			Dr. Kanchan Karmakar, Dr. Ayesha Kabir, Dr. Paromita Roychoudhuri	57

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Name of Department:	**Biochemistry (Odd Sem)**

SEM -III

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
III	CC5	I	I	AK	12
III	CC5	II	II	AK	12
III	CC5	II	II	KK	10
III	CC5	PRACTICAL	ALL UNITS	AK,KK,PFRC	56
III	CC6	I	I	PK,SH	14
III	CC6	II	II	PM,RD	12
III	CC5	PRACTICAL	ALL UNITS	SH,PM	56
III	CC7	I	I	SH, PRC	12
III	CC7	II	II	RD, PRC	14
III	CC7	II	II	PK,SH	16
III	CC7	PRACTICAL	ALL UNITS	PK,SH	56
III	SEC A2			KK,PRC,RD	12

SEM -V

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
V	CC11	I	I	KK.PRC.RD	12
V	CC11	II	II	PK,PRC	14
V	CC11	II	II	AK,PRC	12
V	CC11	PRACTICAL	ALL UNITS	AK,PK,RD	35
V	CC12	I	I	SH	12
V	CC12	II	II	SH	16
V	CC12	II	II	PM	16
V	CC12	PRACTICAL	ALL UNITS	PM,SH	56
V	DSEA2	THEORY	ALL UNITS	SH,PK,PRC, RD	56
V	DSEA2	PRACTICAL	ALL UNITS	SH,PRD,PRC	35
V	DSEB1	THEORY	ALL UNITS	KK,PM,AK	56
V	DSEB1	PRACTICAL	ALL UNITS	AK,KK,PK	35

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Sl. No.	Name of The Teacher
1	Dr. Poulami Khan
2	Dr. Kanchan Karmakar
3	Dr. Paromita Roy Choudhury
4	Dr. Shyamalina Halder
5	Priyanka Mukherjee
6	Dr. Ruma Das
7	Dr. Ayesha Kabir

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SYLLABUS DISTRIBUTION FOR SEM 2

CORE PAPER 2 : General and Organic Chemistry

TOPIC	TEACHER
THEORY	
MODULE 1 : GENERAL CHEMISTRY	
Atomic structure	PRC
Ionic Bonding	PM
Covalent Bonding	AK
Weak Chemical forces	SH
Coordination Compounds	PRC
Radioactivity	KK
MODULE 2: ORGANIC CHEMISTRY	
Unit I	AK
Unit II	AK (upto organometallic Chemistry)
Heterocycles	PM
PRACTICAL	AK , KK, RD, PRC

SEC 2 : Protein Purification Techniques

TOPIC	TEACHER
THEORY	
1. Protein isolation	RD
2. Solubility of proteins	SH
3. Chromatographic separations	KK
4. Electrophoresis techniques	PK
5. Determination of purity	PM
PRACTICAL	PK, SH, PM

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SYLLABUS DISTRIBUTION

SEM 4: Theory

CC8: UNIT 1: PRC, KK
UNIT 2: SH, AK

CC9: UNIT 1: AK, SH
UNIT 2: PM

CC10 : UNIT 1: RD, SH
UNIT 2: PK, SH

UNIT 3: PK
SECB1: PM, PK, SH

SEM 6 : THEORY

CC13: UNIT 1 : PK, KK
UNIT 2: AK, PRC
UNIT 3: KK, PRC

CC14: UNIT 1: RD, PK, AK
UNIT 2: PM, SH

DSEA4 : RD, PRC, PK, AK
DSEB3: PM, SH, KK, PK

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Name of Department:	**Chemistry**

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
1ST	CC1	**Fundamentals of Chemistry-I**	Extra nuclear structure of atoms	MKB	8
1ST	CC1	**Fundamentals of Chemistry-I**	Periodicity	MKB2	7
1ST	CC1	**Fundamentals of Chemistry-I**	Basics of Organic Chemistry Bonding and Physical Properties	PD	10
1ST	CC1	**Fundamentals of Chemistry-I**	STEREOCHEMISTRY-1	KG	5
1ST	CC1	**Fundamentals of Chemistry-I**	THERMODYNAMICS	SBM	9
1ST	CC1	**Fundamentals of Chemistry-I**	KINETICS	NSK	6
1ST	CC1	**Fundamentals of Chemistry-I**	PRACTICAL	SBM	30
1ST	SEC1	**Quantitative Analysis and Basic Laboratory Practices**	Quantitative Analysis and Basic Laboratory Practices	IB	45
1ST	SEC1-Tu	**Quantitative Analysis and Basic Laboratory Practices**	Quantitative Analysis and Basic Laboratory Practices	IB	15
1ST	SEC-MDC	**Chemistry in Daily Life**	Module : I	PD	10
1ST	SEC-MDC	**Chemistry in Daily Life**	Module : II & III	SBM	20
1ST	SEC-MDC-Tu	**Chemistry in Daily Life**	CHEM-MD-IDC-Tu	MKB2	15

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1ST	MDC-CC1-Pr	**Fundamentals of Chemistry-I**	PRACTICAL	PD	30
1ST	MDC-CC2-Pr	**Fundamentals of Chemistry-I**	PRACTICAL	KG	30
1ST	CHEM-H-CC-1-1-P	**CHEMISTRY MINOR-I**	PRACTICAL	NSK	30
1ST	CHEM-H-CC-1-1-P	**CHEMISTRY MINOR-I**	PRACTICAL	MKB	30
1ST	CHEM-H-CC-1-1-Th	**CHEMISTRY MINOR-I**	INORGANIC	MKB2	15
1ST	CHEM-H-CC-1-1-Th	**CHEMISTRY MINOR-I**	INORGANIC	AR	15
1ST	CHEM-H-CC-1-1-Th	**CHEMISTRY MINOR-I**	ORGANIC	AR	15
1ST	CHEM-H-CC-1-1-Th	**CHEMISTRY MINOR-I**	PHYSICAL	SBM	8
1ST	CHEM-H-CC-1-1-Th	**CHEMISTRY MINOR-I**	PHYSICAL	NSK	7

Sl. No.	Name of The Teacher
1	KG- Dr. Keya Ghosh
2	SBM- Dr. Srijita Basumallick
3	NSK- Dr. Niladri Sekhar Karan
4	PD- Dr. Paramita Das
5	MKB- Dr. Manas Kumar Biswas
6	IB-Dr. Ipsita Bhattacharya
7	MKB2-Dr. Monoj Kumar Barman

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SEM-III

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
III	EMA-CC-3-5-T	PHYSICAL CHEMISTRY	Chemical Thermodynamics I & Chemical Thermodynamics II Systems of Variable Composition , Applications of Thermodynamics – I & ELECTROCHEMISTRY - Conductance and transport number ELECTROCHEMISTRY - Ionic equilibrium & Electromotive Force	Dr. Prasenjit Pandey Dr. Niladri Sekhar Karan Dr. Srijita Basumallick	56
III	EMA-CC-3-5-T	PHYSICAL CHEMISTRY PRACTICAL		Dr. Niladri Sekhar Karan Dr. Srijita Basumallick	56

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III	CEMA-CC-3- 6-TH	INORGANIC CHEMISTRY	Chemical periodicity Chemistry of s and p Block Elements & Inorganic Polymers Coordination Chemistry-I & Noble Gases	Dr. Monoj Kumar Barman Dr. Manas Kumar Biswas Dr. Ipsita Bhattacharya	28
III	CEMA-CC-3- 6-TH	INORGANIC CHEMISTRY PRACTICAL S	Complexometric titration	Dr. Monoj Kumar Barman Dr. Manas Kumar Biswas Dr. Ipsita Bhattacharya	28
III	CEMA-CC-3- 7-TH	ORGANIC CHEMISTRY	Chemistry of alkenes and alkynes Aromatic Substitution Organometallic	Dr. Paramita Das	28
III	CEMA-CC-3- 7-TH	ORGANIC CHEMISTRY PRACTICAL S	Identification of a Pure Organic Compound Solid compounds Liquid Compounds: B. Quantitative Estimations	Dr. Keya Ghosh Dr. Paramita Das	28

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III	SEC 2	ANALYTICA L CLINICAL BIOCHEMIS TRY	Carbohydrat es Proteins Lipids	Dr. Paramita Das	14
III	SEC 2	ANALYTICA L CLINICAL BIOCHEMIS TRY	Structure of DNA (Watson- Crick model) and RNA, Blood Urine	Smt. Priyanka Mukherje e	14

SEM-V

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
V	MA-CC-5-11-	PHYSICAL CHEMISTRY	a) Quantum Chemistry II- Simple Harmonic Oscillator & Angular momentum b) Computer programs (Using FORTRAN or C or C ++) based	Dr. Arpita Roy	14

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V	MA-CC-5-11-	PHYSICAL CHEMISTRY PRACTICAL	Quantum Chemistry II- Hydrogen atom and hydrogen- like ions, LCAO, Statistical Thermodynamics & Numerical Analysis Computer programs(Using FORTRAN or C or C ++) based on numerical methods :	Dr. Srijita Basumallick	56
V	CEMA-CC-5- 12-TH	ORGANIC CHEMISTRY	Carbocyles and Heterocycles Cyclic Stereochemist Pericyclic reactions Carbohydrates Biomolecule	Dr. Paramita Das Dr. Keya Ghosh	30
V	CEMA-CC-5- 12-TH	ORGANIC CHEMISTRY PRACTICAL	A. Chromatographic Separations B. Spectroscopic Analysis of Organic Compounds	Dr Keya Ghosh Dr. Paramita Das	26

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V	DSE-A-2:	APPLICATIONS OF COMPUTERS IN CHEMISTRY	Computer Programming Basics (FORTRAN) : (Lectures: 20) Elements ofFORTRAN Language. Introduction to Spreadsheet Software(M S Excel) Statistical Analysis	Dr. Niladri Sekhar Karan	40
V	PRACTICALS DSE-A-2:	APPLICATIONS OF COMPUTERS IN CHEMISTRY		Dr. Niladri Sekhar Karan	56
V	DSE-B-1:	INORGANIC MATERIALS OF INDUSTRIAL IMPORTANCE	Silicate Industries Fertilizers Surface Coatings Batteries Alloys Catalysis Chemical explosives	Dr. Niladri Sekhar Karan Dr. Ipsita Bhattacharya Dr. Monoj Kumar Barman	26
V	PRACTICAL S-DSE B-1:	INORGANIC MATERIALS OF INDUSTRIAL IMPORTANCE		Dr. Ipsita Bhattacharya & Dr. Monoj Kumar Barman	45

SEM-III (GENERAL)

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III	CC3/GE 3	Chemical Bonding and Molecular Structure Comparative study of p- block elements Transition Elements (3d series) & Coordination Chemistry Ionic Equilibria Conductance Electromotiv e force Aromatic Hydrocarbon s, Organometal lic Compounds & Aryl Halides	Chemical Bonding and Molecular Structure Comparative study of p- block elements Transition Elements (3d series) & Coordination Chemistry Ionic Equilibria Conductanc e Electromotiv e force Aromatic Hydrocarbon s, Organometa llic Compounds & Aryl Halides	Dr. Srijita Basumalli ck Dr. Niladri Sekhar Karan Dr. Manas Kumar Biswas Dr. Monoj Kumar Barman Dr. Monoj Kumar Barman Dr. Paramita Das	30
III	CC3/GE3 Practical	Qualitative semimicro analysis of mixtures containing two radicals.	A. Chromatogr aphic Separations B. Spectroscop ic Analysis of Organic Compounds	All Faculties	36
III	SEC A1:	Basic Analytical Chemistry	Computer Programmin g Basics (FORTRAN) : (Lectures: 20) Elements ofFORTRAN Language. Introduction to Spreadsheet Software(M S Excel) Statistical Analysis	Dr. Madhusu dan Banerjee Dr. Manas Kumar Biswas	45

Sl. No.	Name of The Teacher
1	Dr. Madusudan Banerjee
2	Dr. Keya Ghosh

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3	Dr. Arpita Roy
4	Dr. Manoj Kumar Barman
5	Dr. Srijita Basumallick
6	Dr. Ipsita Bhattacharya
7	Dr. Niladri Sekhar karan
8	Dr. Paramita Das
9	Dr. Manas Kumar Biswas

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Syllabus distribution
Even Semester, Chemistry

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
2 (Major)	CHEM-H-CC2-2-Th	Fundamental of chemistry -2	Kinetic Theory and Gaseous state:	Srijita Basumallick	8
			Real gas and Virial equation:	Niladri Sekhar Karan	7
			Chemical Bonding – I:	Monoj Kumar Barman	15
			Stereochemistry – II:	Keya Ghosh	8
			General Treatment of Reaction Mechanism –I:	Paramita Das	7
	CHEM-H-CC2-2-P			Srijita Basumallick + Paramita Das	15+15
2 (Major)	CHEM-H-SEC2-2-Th	AI for Everyone		Dr.Pravin Subba	45
2 (MDC/Minor)	CHEM-MD-CC2-2-Th/ CHEM-MD-CC2-4-Th	Fundamental of chemistry -2	Kinetic Theory and Gaseous	Srijita Basumallick	8
			Real gas and Virial equation:	Niladri Sekhar Karan	7
			Chemical Bonding – I:	Monoj Kumar Barman	10
			Stereochemistry – II:	Keya Ghosh	5
			General Treatment of Reaction Mechanism –I:	Paramita Das	8
	CHEM-MD-CC2-2-P/ CHEM-MD-CC2-4-P			Niladri Sekhar Karan	30
2 (MDC/Minor)	CHEM-MD-SEC-Th	Chemistry in Daily Life		Paramita Das	35
				Srijita Basumallick	35
	CHEM-MD-SEC-Tu			Monoj Kumar Barman	25
4 (CBCS Hons)	CEMA-CC-4-8-Th	Organic chemistry-4		Paramita Das + Keya Ghosh	30+30
	CEMA-CC-4-8-P			Paramita Das + Keya Ghosh	23+22
	CEMA-CC-4-9-Th	Physical chemistry 3		Srijita Basumallick + Niladri Sekhar Karan	23+23
	CEMA-CC-4-9-P			Niladri Sekhar Karan	45
	CEMA-CC-4-10-Th	Inorganic chemistry-4		Monoj Kumar Barman + Ipshita Bhattacharya + Manas Kumar Biswas	20+20+20
	CEMA-CC-4-10-P			Monoj Kumar Barman	45
4 (CBCS Hons)-SEC	SEC 3 – Pharmaceuticals chemistry			Paramita Das	30
4 (CBCS Gen)	CC4/GE 4			Srijita Basumallick + Niladri Sekhar Karan	22+23
	CC4/GE 4 Practical			Srijita Basumallick + Niladri Sekhar Karan	23+22
	SEC 3 – Pharmaceuticals chemistry			Srijita Basumallick	30

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6 (CBCS Hons)	CEMA-CC-6-13-Th	Inorganic chemistry-5	Theoretical Principles in Qualitative Analysis		10
			Bioinorganic Chemistry		25
			Organometallic Chemistry		25
	CEMA-CC-6-13-P			Manas Kumar Biswas	45
	CEMA-CC-6-14-Th	Physical chemistry-5	Molecular Spectroscopy	Arpita Roy	25
			Photochemistry and Theory of reaction rate:	Niladri Sekhar Karan	15
			Surface phenomenon +Dipole moment and polarizability	Srijita Basumallick	15+5
	CEMA-CC-6-14-P			Srijita Basumallick	45
	DSE-A3	Green chemistry and chemistry of natural products		Paramita Das + Keya Ghosh	30
	DSE-A3-P	Practicals-DSE-A-3: Green chemistry		Paramita Das + Keya Ghosh	45
6 (CBCS Gen)	DSE-A3	Green chemistry and chemistry of		Paramita Das + Keya Ghosh	30
	DSE-B1-Pr	Practicals-DSE-A-3: Green chemistry		Paramita Das + Keya Ghosh	45
MSc-SEM-2	CHEM-G-21	Unit–1: Chemical Bonding		Resourse person	10
		Unit–2: Complex Equilibria		Resourse person	10
		Unit–3: Organometallic Chemistry–I		Monoj Kumar Barman	10
		Solid State Chemistry		Resourse person	10
		Unit–5: Nuclear chemistry		Resourse person	10
	CHEM-G-22	Unit–1: Photochemistry		Gourhari Maity	10
		Unit–2: Synthetic Methodology–I		Debasish Ghosh	10
		Unit–3: Synthetic Methodology–II		Suman Ray	10
		Unit–4: Synthetic Methodology–III		Paramita Das	10
		Unit–5: Heterocyclic Chemistry–I		Keya Ghosh	10
	CHEM-G-23	Unit–1: Chemical Bonding – Physical Aspects		Niladri Sekhar Karan	10
		Unit–2: H-atom Problem		Srijita Basumallick	10
		Unit–3: Group Theory–I		Debaprasad Panda	10
		Unit–4: Quantum Mechanics–II		Sanjib Bagchi	10
		Unit–5: Biophysical Chemistry		Arpita Roy	10
	CHEM–G24	Inorganic		MKB+IB	15
		Organic		KG+PD	15
		Physical		SBM+AR	15

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DEPARTMENT OF ENGLISH

SYLLABUS ALLOTMENT: HONOURS SEMESTERS I, III, V ACADEMIC SESSION: 2023-24

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
1st	Major 1	History of English Poetry		Sri Ashis Sahu	12
1st	Major 1	History of English Poetry		Dr. Paromita Chaudhuri	10
1st	Major1	History of English Poetry		Dr. Sraboni Roy	09
1st	Major 1	History of English Poetry		Smt. Nima Doma Lama	14
1st	Major 1	History of English Poetry		Dr. Arup Pal	14
1st	MDC	History of English Poetry		Dr. Paromita Chaudhuri	08
1st	MDC	History of English Poetry		Smt. Nima Doma Lama	10
1st	MDC	History of English Poetry		Dr. Arup Pal	12
1st	IDC	poetry and short story		Sri Ashis Sahu	12
1st	IDC	poetry and short story		Dr. Arup Pal	12

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SEMESTER III PAPERS: CC5, CC6, CC7, SEC B2

CC 5: AMERICAN LITERATURE

TOPIC	AUTHOR & TEXT	ALLOTTED TO
POETRY	ROBERT FROST, 'AFTER APPLE PICKING'	AP
	WALT WHITMAN, 'O CAPTAIN, MY CAPTAIN'	AP
	SYLVIA PLATH, 'DADDY'	NL
	EDGAR ALLAN POE, 'TO HELEN'	SR
	LANGSTON HUGHES, 'HARLEM'	SR
NOVEL	ERNEST HEMINGWAY, *THE OLD MAN AND THE SEA*	PC
STORIES	EDGAR ALLAN POE, 'THE PURLOINED LETTER'	AP
	F. SCOTT FITZGERALD, 'THE CRACK-UP'	SR
	WILLIAM FAULKNER, 'DRY SEPTEMBER'	PC
DRAMA	ARTHUR MILLER, *DEATH OF A SALESMAN*	PC

CC6: POPULAR LITERATURE

AUTHOR	TEXT	ALLOTTED TO
SUKUMAR RAY	*ABOL TABOL* (TRANS. SATYAJIT RAY)	AS
LEWIS CARROLL	*THROUGH THE LOOKING GLASS*	NL
HERGE	TINTIN IN TIBET	AP
AGATHA CHRISTIE	*THE MURDER OF ROGER ACKROYD*	AP

CC 7: BRITISH POETRY AND DRAMA (17TH-18TH CENTURIES)

TOPIC	AUTHOR & TEXT	ALLOTTED TO
POETRY	JOHN MILTON, *PARADISE LOST*, BK 1	SR
	ALEXANDER POPE, *THE RAPE OF THE LOCK*	AS
DRAMA	JOHN WEBSTER, *THE DUCHESS OF MALFI*	NL
	APHRA BEHN, *THE ROVER*	PC

SEC B2: BUSINESS COMMUNICATION

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SEMESTER V CC11, CC12, DSE-A1, DSE-B1

CC11: WOMEN'S WRITINGS

TOPIC	AUTHOR, TEXT	ALLOTTED TO
POETRY	EMILY DICKINSON, 'I CANNOT LIVE WITH YOU'	NL
	ELIZABETH BARRETT BROWNING, 'HOW DO I LOVE THEE'	NL
	EUNICE DE SOUZA, 'ADVICE TO WOMEN'	AP
FICTION	EMILY BRONTE, *WUTHERING HEIGHTS*	NL
	MAHASWETA DEVI, *DRAUPADI*	AS
	KATHERINE MANSFIELD, 'BLISS'	SR
NON-FICTION	MARY WOLLSTONECRAFT, *A VINDICATION OF THE RIGHTS OF WOMAN*	PC
	RASSUNDARI DEVI, *AMAR JIBAN*	SR

CC12: EARLY 20TH CENTURY BRITISH LITERATURE

TOPIC	AUTHOR, TEXT	ALLOTTED TO
POETRY	T. S. ELIOT, 'THE LOVE SONG OF J. ALFRED PRUFROCK', 'PRELUDES'	AS
	W. B. YEATS, 'THE SECOND COMING', 'NO SECOND TROY'	AP
	WILFRED OWEN, 'SPRING OFFENSIVE'	AS
FICTION	JOSEPH CONRAD, *HEART OF DARKNESS*	SR
	D. H. LAWRENCE, *SONS AND LOVERS*	NL
DRAMA	G. B. SHAW, *PYGMALION*	PC

DSE A1: MODERN INDIAN WRITING IN ENGLISH TRANSLATION

TOPIC	AUTHOR, TEXT	ALLOTTED TO
STORIES	MUNSHI PREMCHAND, 'THE SHROUD'	AS
	ISMAT CHUGTAI, 'THE QUILT'	NL

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	FAKIR MOHAN SENAPATI, 'REBATI'	AP
TOPIC	**AUTHOR, TEXT**	**ALLOTTED TO**
POETRY	TAGORE, 'LIGHT, OH WHERE IS THE LIGHT', 'WHEN MY PLAY WAS WITH THEE'	AS
	G. M. MUKTIBODH, 'THE VOID'	SR
	AMRITA PRITAM, 'I SAY UNTO WARIS SHAH'	PC
NOVEL	TAGORE, '*THE HOME AND THE WORLD*	AS
DRAMA	VIJAY TENDULKAR, *SILENCE! THE COURT IS IN SESSION*	AP

DSE B1: LITERARY TYPES, RHETORIC AND PROSODY

GROUP	TOPIC	ALLOTTED TO
A: LITERARY TYPES	TRAGEDY (TRAGIC HERO, CATHARSIS, HEROIC TRAGEDY, CHORUS)	NL
	COMEDY (ROMANTIC COMEDY, COMEDY OF HUMOURS, COMEDY OF MANNERS, SENTIMENTAL COMEDY)	SR
	SHORT STORY	PC
B	RHETORIC	AP
C	PROSODY	PC

PLEASE NOTE

- Allotments may change according to the exigencies of the situation.

PC	PAROMITA CHAUDHURI
SR	SRABONI ROY
AS	ASHIS SAHU
NL	NIMA LAMA
AP	ARUP PAL

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ENGA SYLLABUS ALLOTMENT EVEN SEMESTERS (IV, VI)

SEMESTER IV **CC8, CC9, CC10, SEC-B**

CC8: 18TH CENTURY BRITISH LITERATURE

POETRY

JOHNSON, 'London'	**AS**
GRAY, 'Elegy Written in a Country Churchyard'	**AP**

DRAMA CONGREVE ***The Way of the World*** **SR**

PROSE (FICTION & NON-FICTION)

DEFOE, *ROBINSON CRUSOE*	**PC**
ADDISON, 'Sir Roger at Home', 'Sir Roger at Church'	**SR**

CC9: BRITISH ROMANTIC LITERATURE

POETRY

POEM	ASSIGNED TO
BLAKE, 'The Lamb', 'The Tyger'	**AP**
WORDSWORTH, 'Tintern Abbey'	**AS**
COLERIDGE, 'Kubla Khan'	**SR**
SHELLEY, 'To a Skylark', 'Ode to the West Wind'	**NL**
KEATS, 'Ode to a Nightingale', 'To Autumn'	**SR**

CC10: 19TH CENTURY BRITISH LITERATURE

POETRY

POEM	ASSIGNED TO
TENNYSON, 'Ulysses'	**SR**

BROWNING, 'My Last Duchess'	**AP**
CHRISTINA ROSSETTI, 'The Goblin Market'	**PC**
ARNOLD, 'Dover Beach'	**NL**

NOVEL

NOVEL	ASSIGNED TO
JANE AUSTEN, *PRIDE AND PREJUDICE*	**NL**
THOMAS HARDY, *THE MAYOR OF CASTERBRIDGE*	**SR**

SEC-B2: ACADEMIC WRITING — TO BE ALLOTTED (on *ad hoc* basis)

SEMESTER VI — CC13, CC14, DSEA-3, DSEB-3

CC13: MODERN EUROPEAN DRAMA

PLAY	ASSIGNED TO
IBSEN, *A DOLL'S HOUSE*	**PC**
BRECHT, *THE GOOD WOMAN OF SZECHUAN*	**AP**
BECKETT, *WAITING FOR GODOT*	**NL**

CC14: POSTCOLONIAL LITERATURES

POETRY

POEMS	ASSIGNED TO
PABLO NERUDA, 'Tonight I can Write'	**AS**
DEREK WALCOTT, 'A Far Cry from Africa'	**AS**
DAVID MALOUF, 'Revolving Days'	**AS**
MAMANG DAI, 'The Voice of the Mountain'	**AS**

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FICTION

TEXT	ASSIGNED TO
CHINUA ACHEBE, *THINGS FALL APART*	**SR**
GABRIEL GARCIA MARQUEZ, *CHRONICLE OF A DEATH FORETOLD*	**NL**

DSE-A3: PARTITION LITERATURE

POETRY

POEMS	ASSIGNED TO
SAHIR LUDHIANVI, 'Twentysixth January'	**AS**
BIRENDRA CHATTOPADHYAY, 'After Death: Twenty Years'	**AS**
SANKHA GHOSH, 'Rehabilitation'	**AS**

SHORT STORIES

STORIES	ASSIGNED TO
PROTIVA BASU, 'The Marooned'	**AP**
MANIK BANDYOPADHYAY, 'The Final Solution'	**AP**
SADAT HASAN MANTO, 'Toba Tek Singh'	**NL**

NOVEL

AMITAV GHOSH, *THE SHADOW LINES* **AS**

DSE-B3: AUTOBIOGRAPHY

TEXT	ASSIGNED TO
TAGORE, *MY REMINISCENCES* (Chapters 1-15)	**AS**
GANDHI, *AUTOBIOGRAPHY OR THE STORY OF MY EXPERIMENTS WITH TRUTH,* PART I (Chapters 1-8)	**NL**
BINODINI DAS, *MY STORY AND LIFE AS AN ACTRESS* (Pp 61-83)	**SR**
NIRAD C. CHAUDHURI, *AUTOBIOGRAPHY OF AN UNKNOWN INDIAN*, Book I	**PC**

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SR	SRABONI ROY
AS	ASHIS SAHU
NL	NIMA LAMA
AP	ARUP PAL

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SYLLABUS DISTRIBUTION FOR SEM 2- UNDER CCF

Restoration Period, The Age of Dryden and The Augustan Period; Text: 'Araby'	Dr. Paromita Chaudhuri
Pre-Roamntic Period and Romantic Period; Text: 'Dream Children-A Reverie'	Dr. Sraboni Roy
Elizabethan Period and Jacobean Period- Text- 'Of Studies'	Ashis Sahu
Victorian Period, Text- 'Shooting an Elephant'	Nima Doma Lama
Modern Period and Post-modern period, Text- 'A Temporary Matter'	Dr. Arup Pal

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ASUTOSH COLLEGE	
Name of the Department:	**SANSKRIT**

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
1ST	Major I	General Grammar and Metre	Declension, Conjugation,Avyaya	SD	12
1ST	Major I	General Grammar and Metre	Case-Ending and Sandhi	DB	12
1ST	Major I	General Grammar and Metre	Suffix	JY	12
1ST	Major I	General Grammar and Metre	Compound	SD	12
1ST	Major I	General Grammar and Metre	Metre	AP	12
1ST	SEC I	Writing Skill	Translation Bengali to Sanskrit	AP	12
1ST	SEC I	Writing Skill	Translation Sanskrit to Bengali	JY	12
1ST	SEC I	Writing Skill	Comprehension Test	SD	12
1ST	SEC I	Writing Skill	Paragraph Writing	JY	12
1ST	SEC I	Writing Skill	Letter Writing	SD	12
1ST	IDC I	Sanskrit	Medical Science	DB	20
1ST	IDC I	Sanskrit	Music, Painting & Dance	SD	5+5+5=15

Sl. No.	Name of The Teacher
1	Arnab Patra(AP)
2	Jubin Yasmin (JY)
3	Somnath Das (SD)
4	Dipa Bandyopadhyay (DB)

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ASUTOSH COLLEGE	
Name of Department:	**SANSKRIT**

Semester	Paper Code (CC / SEC / DSE)	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
5th	CC 11	Vedic Literature	All Unit	SD	35
5th	CC 12	Sanskrit Grammar	All Unit	JY	35
5th	DSE 1	Darsana	Tarkabhasa,Saptapadarthi	DB	11 +11 = 22
5th	DSE 1	Darsana	Vivekacudamani	DB	13
5th	DSE 2	Kavya	All Unit	AP	35
3rd	CC 5	Classical Sanskrit Literature (Drama)	All Unit	AP	35
3rd	CC 6	Poetics and Literary Criticism	Introduction to Sanskrit Poetics,Forms of Kavya Literature,Sabda-Sakti and Rasa-Sutra	JY	22
3rd	CC 6	Poetics and Literary Criticism	Figures of Speech and Meter	DB	13
3rd	CC7	Indian Social Institutions and Polity	All Unit	SD	35
3rd	SEC-A-1	Sanskrit Writing Skill	Translation English to Sanskrit	DB	5
3rd	SEC-A-1	Sanskrit Writing Skill	Translation Sanskrit to Bengali	SD	7
3rd	SEC-A-1	Sanskrit Writing Skill	Comprehension in Sanskrit	SD	7
3rd	SEC-A-1	Sanskrit Writing Skill	Letter Writing	SD	8
3rd	SEC-A-1	Sanskrit Writing Skill	Paragaph & Essay Writing	SD	8

*S

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SYLLABUS DISTRIBUTION (SEM-2)	
Name of Departmnet:	**SANSKRIT**

Semester	Paper Code	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
II	Major II	HISTORY OF SANSKRIT LITERATURE	HISTORY OF VEDIC LITERATURE	SD	24
II	Major II	HISTORY OF SANSKRIT LITERATURE	HISTORY OF CLASSICAL SANSKRIT LITERATURE	AP	35
II	Major II	HISTORY OF SANSKRIT LITERATURE	HISTORY OF SCIENTIFIC AND TECHNICAL SANSKRIT LITERATURE	DB	24
II	Major II	HISTORY OF SANSKRIT LITERATURE	CONTRIBUTION OF SCHOLARS IN THE FIELD OF SANSKRIT LITERATURE	JY	12
II	SEC II	SPOKEN SANSKRIT AND COMPUTER AWARENESS	SPOKEN SANSKRIT	AP	20
II	SEC II	SPOKEN SANSKRIT AND COMPUTER AWARENESS	ROMAN DIACRITICAL MARKS	JY	24
II	SEC II	SPOKEN SANSKRIT AND COMPUTER AWARENESS	COMPUTER AWARENESS	SD	20
II	SEC II	SPOKEN SANSKRIT AND COMPUTER AWARENESS	COMPUTATIONAL SANSKRIT	DB	24
II	IDC II	Sanskrit	ARCHITECTURE	SD	10
II	IDC II	Sanskrit	ASTRONOMY AND MATHEMATICS	DB	6+12=18

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SYLLABUS DISTRIBUTION (SEM-4,6)	
Name of Departmnet:	**SANSKRIT**

Semester	Paper Code	Paper Name	Topic Name	Name of Faculty	Lectures Allotted
IV	CC8	INDIAN EPIGRAPHY, PALAEOGRAPHY AND CHRONOLOGY	EPIGRAPHY	DR SOMNATH DAS	12
IV	CC 8	INDIAN EPIGRAPHY, PALAEOGRAPHY AND CHRONOLOGY	PALAEOGRAPHY	DR SOMNATH DAS	12
IV	CC8	INDIAN EPIGRAPHY, PALAEOGRAPHY AND CHRONOLOGY	STUDY OF SELECTED INSCRIPTIONS	DR SOMNATH DAS	12
IV	CC8	INDIAN EPIGRAPHY, PALAEOGRAPHY AND CHRONOLOGY	CHRONOLOGY	DR SOMNATH DAS	12
IV	CC9	MODERN SANSKRIT LITERATURE MAHAKAVYA	MAHAKAVYA AND CHARITAKAVYA	JUBIN YASMIN	16
IV	CC9	MODERN SANSKRIT LITERATURE MAHAKAVYA	SIVRAJAVIJAYAM	DR ARNAB PATRA	8
IV	CC9	MODERN SANSKRIT LITERATURE MAHAKAVYA	ATHA KIM	DR ARNAB PATRA	8
IV	CC9	MODERN SANSKRIT LITERATURE MAHAKAVYA	DARIDRADURDAIVAM	DR ARNAB PATRA	8

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IV	CC9	MODERN SANSKRIT LITERATURE MAHAKAVYA	RUKMINIHARANAM (CANTO-I)	DR ARNAB PATRA	8
IV	CC10	SANSKRIT WORLD LITERATURE	SANSKRIT STUDIES IN WEST	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	SANSKRIT STUDIES IN WEST	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	SANSKRIT STUDIES IN EAST	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	SANSKRIT FABLES IN WORLD	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	RAMAYANA AND MAHABHARATA IN SOUTH EASTERN ASIA	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	KALIDAS IN THE WEST	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	SANSKRIT STUDIES ACROSS THE WORLD	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	TRANSLATION	DR DIPA BANDYOPADHYAY	8
IV	CC10	SANSKRIT WORLD LITERATURE	COMPREHENSION IN SANSKRIT	DR DIPA BANDYOPADHYAY	12
IV	CC10	SANSKRIT WORLD LITERATURE	PARAGRAPH WRITING	DR DIPA BANDYOPADHYAY	9
IV	CC10	SANSKRIT WORLD LITERATURE	LETTER WRITING	DR DIPA BANDYOPADHYAY	9

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IV	CC10	SANSKRIT WORLD LITERATURE	ESSAY WRITING	DR DIPA BANDYOPADHYAY	9
VI	CC13	INDIAN ONTOLOGY AND EPISTEMOLOGY	ESSENTIALS OF INDIAN PHILOSOPHY	DR SOMNATH DAS	16
VI	CC13	INDIAN ONTOLOGY AND EPISTEMOLOGY	ONTOLOGY	DR ARNAB PATRA	16
VI	CC13	INDIAN ONTOLOGY AND EPISTEMOLOGY	EPISTEMOLOGY	JUBIN YASMIN	16
VI	CC14	SANSKRIT COMPOSITION AND COMMUNICATION	VIBHAKTYARTHA,VOICE &KRT	DR SOMNATH DAS	16
VI	CC14	SANSKRIT COMPOSITION AND COMMUNICATION	TRANSLATION AND COMMUNICATIONN	DR SOMNATH DAS	16
VI	CC14	SANSKRIT COMPOSITION AND COMMUNICATION	ESSAY	DR SOMNATH DAS	16
VI	DSE-3	VYAKARANA	SIDDHANTKAUMUDI-STRIPRATAYA	JUBIN YASMIN	16
VI	DSE-3	VYAKARANA	SIDDHANTKAUMUDI-STRIPRATAYA	DR DIPA BANDYOPADHYAY	16
VI	DSE-3	VYAKARANA	SIDDHANTKAUMUDI-AJANTA PUMLINGA	DR DIPA BANDYOPADHYAY	16
VI	DSE-4	VEDA	EASTERN & WESTERN INTERPRETATION OF THE VEDA	DR SOMNATH DAS	12

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VI	DSE-4	VEDA	SUNAHSEPOPAKHYANA OF AITAREYABRAHMANA	DR SOMNATH DAS	12
VI	DSE-4	VEDA	TAITTIRIYOPANISADSIKS AVALLI ADHYAYA-I, ANUVAKA :1-12	DR ARNAB PATRA	12
VI	DSE-4	VEDA	MUNDAKOPANISAD (MUNDAKA-1.2.2)	DR ARNAB PATRA	12

Sl. No.	Name of The Teacher
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ASUTOSH COLLEGE	
Name of Department:	**ZOOLOGY (UG & PG)**

Name of The Faculty:	Dr Deep chandan Chakraborty
Paper Code:	Major CC 1
Lectures Allotted:	17

Lecture No.	**Proposed Topics To Be Taught**
1 to 17	Cell Biology (Unit - I,V,VIII)

Name of The Faculty:	Smt Lopamudra Mukherjee
Paper Code:	Major CC 1
Lectures Allotted:	12

Lecture No.	**Proposed Topics To Be Taught**
1 to 12	Cell Biology(Unit - II,IV)

Name of The Faculty:	Dr A.R.Md.Mustafizur Rahaman
Paper Code:	Major CC 1
Lectures Allotted:	8

Lecture No.	**Proposed Topics To Be Taught**
1 to 8	Cell Biology(Unit - III PART ,VII)

Name of The Faculty:	Dr Tamalika Sanyal
Paper Code:	Major CC 1
Lectures Allotted:	4

Lecture No.	**Proposed Topics To Be Taught**
1 to 4	Cell Biology (Unit - III PART)

Name of The Faculty:	Dr Deep Chandan Chakraborty
Paper Code:	Major CC 1 (Practical)(UNIT I &IV)
Lectures Allotted:	8

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Lecture No.	Proposed Topics To Be Taught
1 to 8	Cell Biology Practical

Name of The Faculty:	Dr A R Md Mustafizur Rahaman
Paper Code:	Major CC 1 (Practical)(UNIT II)
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 to 8	Cell Biology Practical

Name of The Faculty:	Dr Tapan Kumar Roy
Paper Code:	Major CC 1 (Practical)(UNIT III)
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 to 8	Cell Biology Practical

Name of The Faculty:	Dr Tapan Kumar Roy
Paper Code:	Major SEC 1
Lectures Allotted:	25

Lecture No.	Proposed Topics To Be Taught
1 to 25	Applied Entomology

Name of The Faculty:	Dr Ajay Kumar Mandal
Paper Code:	Major SEC 1
Lectures Allotted:	13

Lecture No.	Proposed Topics To Be Taught
1 to 13	Applied Entomology

Name of The Faculty:	MS Arpita Majumdar
Paper Code:	Major SEC 1
Lectures Allotted:	13

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Lecture No.	Proposed Topics To Be Taught
1 to 13	Applied Entomology

Name of The Faculty:	Dr Tapan Kumar Roy
Paper Code:	Major SEC 1(PRAC)
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1 to 20	Applied Entomology

Name of The Faculty:	Dr Tapan Kumar Roy, Dr Deep chandan Chakraborty, Lopamudra Mukherjee, Tamalika Sanyal
Paper Code:	Major SEC 1(PRAC)
Lectures Allotted:	11

Lecture No.	Proposed Topics To Be Taught
1 to 11	Applied Entomology

ASUTOSH COLLEGE	
Name of Department:	**ZOOLOGY (UG & PG)**

Name of The Faculty:	Deep Chandan Chakraborty
Paper Code:	Major CC 1
Lectures Allotted:	17

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	Major CC 1
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1 to 12	Cell Biology(Unit - II,IV)

Name of The Faculty:	Dr A R Md Mustafizur Rahaman
Paper Code:	Major CC 1
Lectures Allotted:	8

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Lecture No.	Proposed Topics To Be Taught
1 to 8	Cell Biology(Unit - III PART ,VII)

Name of The Faculty:	Dr Sriparna Datta Ray
Paper Code:	Major CC 1
Lectures Allotted:	11

Lecture No.	Proposed Topics To Be Taught
1 to 11	Cell Biology (UNIT - VI)

Name of The Faculty:	Dr Tamalika Sanyal
Paper Code:	Major CC 1
Lectures Allotted:	4

Lecture No.	Proposed Topics To Be Taught
1 to 4	Cell Biology (Unit - III PART)

Name of The Faculty:	Dr Sriparna Datta Ray
Paper Code:	Major CC 1
Lectures Allotted:	11

Lecture No.	Proposed Topics To Be Taught
1 to 11	Cell Biology (UNIT - VI)

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ASUTOSH COLLEGE	
Name of Department:	**ZOOLOGY**

SEMESTER III

Name of The Faculty:	Tapan Kumar Roy
Paper Code:	CC5 (Unit I to IV)
Lectures Allotted:	18

Lecture No.	**Proposed Topics To Be Taught**
1 to 18	Chordata

Name of The Faculty:	Rayan Das
Paper Code:	CC5 (Unit V to VI)
Lectures Allotted:	15

Lecture No.	**Proposed Topics To Be Taught**
1 to 15	Chordata

Name of The Faculty:	Deep Chandan Chakraborty
Paper Code:	CC5 (Unit VII)
Lectures Allotted:	8

Lecture No.	**Proposed Topics To Be Taught**
1 to 8	Chordata

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC5 (Unit VIII)

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Lectures Allotted:	9

Lecture No.	Proposed Topics To Be Taught
1 to 9	Chordata

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC 5
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 to 10	Chordata (Practical Identification)

Name of The Faculty:	Sriparna Datta Ray
Paper Code:	CC 5
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 to 10	Chordata (Practical Identification)

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC5
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 to 10	Chordata (Practical identification)

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	CC5
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1 to 15	Chordata (Practical dissection)

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Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	CC5
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1TO 15	Chordata (Practical Dissection)

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	CC5
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 to 10	POWERPOINT PRESENTATION ON BEHAVIOUR

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	CC6 (UNIT I,V,VI)
Lectures Allotted:	26

Lecture No.	Proposed Topics To Be Taught
1 TO 26	ANIMAL PHYSIOLOGY-CONTROLLING AND CO-ORDINATING SYSTEM

Name of The Faculty:	LOPAMUDRA MUKHERJEE
Paper Code:	UNIT-II,III,IV)
Lectures Allotted:	24

Lecture No.	Proposed Topics To Be Taught
1 TO 24	ANIMAL PHYSIOLOGY- CONTROLLING AND CO-ORDINATING SYSTEM

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	CC6
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught

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1 TO 40	ANIMAL PHYSIOLOGY-CONTROLLING AND CO-ORDINATING SYSTEM (PRACTICAL)

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	CC6
Lectures Allotted:	20

Lecture No.	**Proposed Topics To Be Taught**
1 TO 20	ANIMAL PHYSIOLOGY -CONTROLLING AND COORDINATING SYSTEM (PRACTICAL)

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	CC7 (UNIT I AND VI)
Lectures Allotted:	10

Lecture No.	**Proposed Topics To Be Taught**
1 to 10	FUNDAMENTALS OF BIOCHEMISTRY

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	CC7 (UNIT II AND V)
Lectures Allotted:	20

Lecture No.	**Proposed Topics To Be Taught**
1 TO 20	FUNDAMENTALS OF BIOCHEMISTRY

Name of The Faculty:	SRIPARNA DATTA RAY
Paper Code:	CCT (UNIT III AND IV)
Lectures Allotted:	20

Lecture No.	**Proposed Topics To Be Taught**

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1 to 20	FUNDAMENTALS OF BIOCHEMISTRY

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	CC7 (PRACTICAL)
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1 to 30	FUNDAMENTALS OF BIOCHEMISTRY (PRACTICAL)

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	CC7
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1 to 30	FUNDAMENTALS OF BIOCHEMISTRY (PRACTICAL)

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	SEC-A-2 (ALL UNIT)
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1 to 30	SERICULTURE

Name of The Faculty:	RYAN DAS
Paper Code:	GE3/CC3 (UNIT I AND II)
Lectures Allotted:	14

Lecture No.	**Proposed Topics To Be Taught**
1 TO 14	PHYSIOLOGY AND BIOCHEMISTRY

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Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	GE3/CC3 (UNIT III AND IV)
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1 TO 12	PHYSIOLOGY AND BIOCHEMISTRY

Name of The Faculty:	LOPAMUDRA MUKHERJEE
Paper Code:	GE3/CC3 (UNIT V AND VI)
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1 TO 16	PHYSIOLOGY AND BIOCHEMISTRY

Name of The Faculty:	ARPITA MAJUMDAR
Paper Code:	GE3/CC3 (UNIT VII AND VIII)
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 TO 8	PHYSIOLOGY AND BIOCHEMISTRY

Name of The Faculty:	ARPITA MAJUMDAR
Paper Code:	GE3/CC3 (UNIT VII AND VIII)
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 TO 8	PHYSIOLOGY AND BIOCHEMISTRY

Name of The Faculty:	TAMALIKA SANYAL
Paper Code:	GE3/CC3 (UNIT IX AND X)
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 TO 8	PHYSIOLOGY AND BIOCHEMISTRY

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SEMESTER- V

ASUTOSH COLLEGE	
Name of Department:	**ZOOLOGY**

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	CC11 (UNIT I,IV, V)
Lectures Allotted:	19

Lecture No.	Proposed Topics To Be Taught
1 TO 19	ECOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	CC11 (UNIT II AND III)
Lectures Allotted:	31

Lecture No.	Proposed Topics To Be Taught
1 TO 31	ECOLOGY

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	CC11 (UNIT I)PRACTICAL
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 TO 10	ECOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	CC11 (UNIT II)PRACTICAL
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 TO 10	ECOLOGY

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY / TAPAN KUMAR ROY/

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Paper Code:	CC11 (UNIT-III, PRACTICAL)
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1 TO 30	ECOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	CC11 (UNIT-II) PRACTICAL
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 TO 10	ECOLOGY

Name of The Faculty:	TAMALIKA SANYAL
Paper Code:	CC12 (UNIT I AND V)
Lectures Allotted:	14

Lecture No.	Proposed Topics To Be Taught
1 TO 14	PRINCIPLES OF GENETICS

Name of The Faculty:	SRIPARNA DATTA RAY
Paper Code:	CC12 (UNIT II AND VII)
Lectures Allotted:	14

Lecture No.	Proposed Topics To Be Taught
1 TO 14	PRINCIPLES OF GENETICS

Name of The Faculty:	LOPAMUDRA MUKHERJEE
Paper Code:	CC12 (UNIT III AND VI)
Lectures Allotted:	14

Lecture No.	Proposed Topics To Be Taught
1 TO 14	PRINCIPLES OF GENETICS

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	CC12 (UNIT-VII)

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Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1 TO 8	PRINCIPLES OF GENETICS

Name of The Faculty:	SRIPARNA DATTA RAY
Paper Code:	CC12 (UNIT-I AND II) PRACTICAL
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught
1 TO 40	PRINCIPLES OF GENETICS

Name of The Faculty:	LOPAMUDRA MUKHERJEE
Paper Code:	CC12 (UNIT-III) PRACTICAL
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1 TO 20	PRINCIPLES OF GENETICS

Name of The Faculty:	RYAN DAS
Paper Code:	DSE (A)-1 (UNIT-I, III, IV)
Lectures Allotted:	26

Lecture No.	Proposed Topics To Be Taught
1 TO 26	PARASITOLOGY

Name of The Faculty:	LOPAMUDRA MUKHERJEE
Paper Code:	DSE (A)-1 (UNIT-II)
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1 TO 12	PARASITOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (A)-1 UNIT- V AND VI
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught

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1 TO 12	PARASITOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (A)-1 (ALL UNIT) PRACTICAL
Lectures Allotted:	60

Lecture No.	**Proposed Topics To Be Taught**
1 TO 60	PARASITOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (A)-1 (ALL UNIT) PRACTICAL
Lectures Allotted:	60

Lecture No.	**Proposed Topics To Be Taught**
1 TO 60	PARASITOLOGY

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	DSE (B)-1 (UNIT-I,II IV)
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1 TO 30	ENDOCRINOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (B)-1 (UNIT III AND V PARTLY)
Lectures Allotted:	16

Lecture No.	**Proposed Topics To Be Taught**
1 TO 16	ENDOCRINOLOGY

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	DSE (B)-1 (UNIT-V PARTLY)
Lectures Allotted:	4

Lecture No.	**Proposed Topics To Be Taught**
1 TO 4	ENDOCRINOLOGY

Name of The Faculty:	TAMALIKA SANYAL

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Paper Code:	ZOOG DSE (A)-1 (UNIT-I,II, IX X)
Lectures Allotted:	19

Lecture No.	Proposed Topics To Be Taught
1 TO 19	APPLIED ZOOLOGY

Name of The Faculty:	RYAN DAS
Paper Code:	ZOOG DSE (A)-1 (UNIT-III AND IV)
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1 TO 15	APPLIED ZOOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	ZOOG DSE (A)-1 (UNIT-V,VI VIII)
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1 TO 16	APPLIED ZOOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	ZOOG DSE (A)-1 (Practical Unit I, II, III, IV & VI)
Lectures Allotted:	50

Lecture No.	Proposed Topics To Be Taught
1 TO 50	APPLIED ZOOLOGY

Name of The Faculty:	LOPAMUDRA MUKHERJEE AND DEEP CHANDAN CHAKRABORTY
Paper Code:	ZOOG DSE (A)-1 (Practical Unit V)
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1 TO 10	APPLIED ZOOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (A)-1 (ALL UNIT) PRACTICAL
Lectures Allotted:	60

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Lecture No.	Proposed Topics To Be Taught
1 TO 60	PARASITOLOGY

Name of The Faculty:	A.R. Md. MUSTAFIZUR RAHAMAN
Paper Code:	DSE (B)-1 (UNIT-I,II IV)
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1 TO 30	ENDOCRINOLOGY

Name of The Faculty:	AJAY KUMAR MANDAL
Paper Code:	DSE (B)-1 (UNIT III AND V PARTLY)
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1 TO 16	ENDOCRINOLOGY

Name of The Faculty:	DEEP CHANDAN CHAKRABORTY
Paper Code:	DSE (B)-1 (UNIT-V PARTLY)
Lectures Allotted:	4

Lecture No.	Proposed Topics To Be Taught
1 TO 4	ENDOCRINOLOGY

Name of The Faculty:	TAMALIKA SANYAL
Paper Code:	ZOOG DSE (A)-1 (UNIT-I,II, IX X)
Lectures Allotted:	19

Lecture No.	Proposed Topics To Be Taught
1 TO 19	APPLIED ZOOLOGY

Name of The Faculty:	RYAN DAS
Paper Code:	ZOOG DSE (A)-1 (UNIT-III AND IV)
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught

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1 TO 15	APPLIED ZOOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	ZOOG DSE (A)-1 (UNIT-V,VI VIII)
Lectures Allotted:	16

Lecture No.	**Proposed Topics To Be Taught**
1 TO 16	APPLIED ZOOLOGY

Name of The Faculty:	TAPAN KUMAR ROY
Paper Code:	ZOOG DSE (A)-1 (Practical Unit I, II, III, IV & VI)
Lectures Allotted:	50

Lecture No.	**Proposed Topics To Be Taught**
1 TO 50	APPLIED ZOOLOGY

Name of The Faculty:	LOPAMUDRA MUKHERJEE AND DEEP CHANDAN CHAKRABORTY
Paper Code:	ZOOG DSE (A)-1 (Practical Unit V)
Lectures Allotted:	10

Lecture No.	**Proposed Topics To Be Taught**
1 TO 10	APPLIED ZOOLOGY

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MENTION THE TEACHING PLAN OF ALL TEACHERS IN THIS SINGLE SHEET

BACK TO INDEX

FACULTY ACADEMIC PROGRESS REPORT

ASUTOSH COLLEGE	
Name of Department:	**Department of Zoology**

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-13
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Early Embryonic development and Late
2	Unit2: Late Embryonic Development

Name of The Faculty:	Dr. Ajay Kumar Mandal
Paper Code:	CC-13
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Post Embryonic Development
2	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-13P
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Study of developmental stages of chick embryo
2	
3	
4	

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	CC-13P
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1	
2	Topic2: Developmental stages of *Drosophila* .
3	Topic3: Study of different sections of Placenta
4	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-13P
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1	
2	
3	
4	Topic4: Identification of Invertebrrate larva through slides/photographs

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-14
Lectures Allotted:	26

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Origin of life;
2	Unit2- Hstorical Review of Evolutionary concept;
3	Unit-3: Geological time scale;

Name of The Faculty:	Tapan Kumar Roy
Paper Code:	CC-14
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1	Unit-4; Naturla Selection;
2	Unit-5: Species concept;
3	Unit9: Phylogenetic tree

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-14
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Unit-5: Species concept;

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2	Unit-6: Evolultion of man;
3	

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	CC-14P
Lectures Allotted:	35

Lecture No.	Proposed Topics To Be Taught
1	Topic2: Study of homology and analogy
2	Unit3: Phylogenetic tree construction
3	

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-14P
Lectures Allotted:	25

Lecture No.	Proposed Topics To Be Taught
1	Topic2: Study of homology and analogy
2	
3	

Name of The Faculty:	DR. TAMALIKA SANYAL (TS)
Paper Code:	DSE(A)2
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1	Unit1: E. coli and Drosophila genome
2	Unit2: Molecular techniques in gene manupulation
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	DSE(A)2
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1	
2	Unit2: Molecular techniques in gene manupulation
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	DSE(A)2
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Genetically Modified Organisms
2	
3	

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	DSE(A)2
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Uniit4: Culture Techniques and Applications
2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	DSE(A)2P
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Plasmid DNA Isolation
2	
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	DSE(A)2P
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Topic2:Study of biotechnology techniques
2	
3	

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Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	DSE(A)2P
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Topic3: Project report
2	
3	

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	DSE(B)2
Lectures Allotted:	25

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Patterns of behaviour
2	Unit3: Chronology Biological Rhythm
3	

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	DSE(B)2
Lectures Allotted:	25

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Patterns of behaviour
2	Unit2: Social and Sexual behaviour
3	

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	DSE(B)2P
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Nesting behaviour in birds and insects
2	
3	

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	DSE(B)2P
Lectures Allotted:	25

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Nesting behaviour in birds and insects
2	Topic2: Study of Insect behaviour
3	Topic3 +4+6

6th sem General

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	DSE-B-6-2TH
Lectures Allotted:	28

Lecture No.	Proposed Topics To Be Taught
1	Unit-1: Introductioon to Ecology
2	Unit-2 Population
3	Unit-3: Community
4	Unit4: Ecosystem
5	Unit5: Eild Life

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	DSE-B-6-2TH
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1	
2	Unit-2 Population
3	
4	
5	Unit5: Eild Life

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	DSE-B-6-2TH
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	

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2	Unit-2 Population
3	
4	
5	

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	DSE-B-6-2P
Lectures Allotted:	45

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Identification of mammalian and avi fauna
2	Topic2: Basic equipments used in wildlife studies
3	Topic3: animal evidence in the field.

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	DSE-B-6-2P
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1	Topic4: Study of aquatic ecosystem
2	
3	

4th sem Honours

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	CC-8
Lectures Allotted:	14

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Integumentary System
2	Unit6: Nervous System and Sence Organs
3	

Name of The Faculty:	DR. TAMALIKA SANYAL (TS)
Paper Code:	CC-8
Lectures Allotted:	6

Lecture No.	Proposed Topics To Be Taught
1	Unit2: Digestive System
2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-8
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Respiratory System
2	Unit4: Circulatory System
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-8
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	Unit5: Urinogenital System
2	
3	

Name of The Faculty:	MR. RAYAN DAS (RD)
Paper Code:	CC-8
Lectures Allotted:	12

Lecture No.	Proposed Topics To Be Taught
1	Unit6: Nervous system and sense organs
2	Unit7: Skeletal system
3	

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	CC-8P
Lectures Allotted:	30

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Lecture No.	Proposed Topics To Be Taught
1	Topic1: Study of Scales
2	Topic2: Study of skeletons
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-8P
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1	Topic3: Comparaie study of heart and Brain
2	Topic4: Identification of skuls
3	

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-9
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Physiology of Digestion
2	
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	CC-9
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Physiology of Digestion
2	
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-9
Lectures Allotted:	18

Lecture No.	Proposed Topics To Be Taught
1	Unit2: Physiology of Respiration
2	Unit6: Renal Physiology
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-9
Lectures Allotted:	16

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Physiology of Circulation
2	Unit4: Physiology of Heart
3	

Name of The Faculty:	DR. TAMALIKA SANYAL (TS)
Paper Code:	CC-9
Lectures Allotted:	6

Lecture No.	Proposed Topics To Be Taught
1	Unit5: Termoregulaton and Osmoregulation
2	
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-9P
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Determination of ABO Blood group
2	Unit2: Estimation of haemoglobin
3	Unit3: Identification of Blood cells

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-9P
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Unit5: Identifcation of Cockroach Blood cells
2	Unit6: Blood pressure measurement
3	

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Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	CC-10
Lectures Allotted:	17

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Overview of Immune system
2	Unit2: Innae and daptive Immunity
3	Unit9: Vaccines

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-10
Lectures Allotted:	17

Lecture No.	Proposed Topics To Be Taught
1	Unit3: antigens
2	Unit5: MHC
3	Unit8: Hypersensitivity

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-10
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Unit4: Immunoglobulins
2	
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	CC-10
Lectures Allotted:	7

Lecture No.	Proposed Topics To Be Taught
1	Unit6: Cytokines
2	Unit8: Hypersensitivity
3	Unit9: Vaccines

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-10P
Lectures Allotted:	60

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Demonstration of Lymphoid organs
2	Topic2: Histology (immunologycally important organs)
3	Topic3: Demostraion of ELISA

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	SEC(B)-4-1TH
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Introducution to Aquarium Fish Keeping
2	Unit2: Biology of Quarium Fish
3	Unit3: Food and Feeding of Quarium fishes
4	Unit4: Fish Transportation
5	Unit5: Maintenance of Aquarium

4th sem General

Name of The Faculty:	DR. TAMALIKA SANYAL (TS)
Paper Code:	CC4
Lectures Allotted:	18

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Mendelian Genetics and its Extension
2	Unit2: Linkage, Crossing Over
3	

Name of The Faculty:	MS. ARPITA MAJUMDAR (AM)
Paper Code:	CC4
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Mutation

2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC4
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Unit4: Sex Determination
2	Unit6: Evolutionary theories
3	

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC4
Lectures Allotted:	2

Lecture No.	Proposed Topics To Be Taught
1	Unit5: Origin of Life
2	
3	

Name of The Faculty:	MR. RAYAN DAS (RD)
Paper Code:	CC4
Lectures Allotted:	6

Lecture No.	Proposed Topics To Be Taught
1	Unit7: Process of Evolutionary Changes
2	Unti8: Speciation
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC4
Lectures Allotted:	2

Lecture No.	Proposed Topics To Be Taught
1	Unit7: Process of Evolutionary Changes
2	Unti8: Speciation
3	

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC4P
Lectures Allotted:	6

Lecture No.	Proposed Topics To Be Taught
1	Topic1: Medelian Ratio using Chi square
2	
3	

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	CC4P
Lectures Allotted:	6

Lecture No.	Proposed Topics To Be Taught
1	Topic2: Human aneuploidy
2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC4P
Lectures Allotted:	18

Lecture No.	Proposed Topics To Be Taught
1	Topic3: Phylogeny of horse using limbs
2	Topic4: Identification of Darwin Finches
3	Topic5: Visit to Natural history museum

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	SEC(B)-4-2-TH
Lectures Allotted:	30

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Introducution to Aquarium Fish Keeping
2	Unit2: Biology of Quarium Fish
3	Unit3: Food and Feeding of Quarium fishes
4	Unit4: Fish Transportation

5	Unit5: Maintenance of Aquarium

NEP

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-2
Lectures Allotted:	9

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Carbohydrates
2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-2
Lectures Allotted:	13

Lecture No.	Proposed Topics To Be Taught
1	Unit2: Proteins
2	Unit6: Protein metabolism
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-2
Lectures Allotted:	13

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Lipids
2	Unit4: Enzymes
3	

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	CC-2
Lectures Allotted:	8

Lecture No.	Proposed Topics To Be Taught
1	Unit5: Carbohydrate Metabolism
2	Unit9: Free Radicals and Antioxydants
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	CC-2
Lectures Allotted:	7

Lecture No.	Proposed Topics To Be Taught
1	Unit7: Lipid Metabolism
2	Unit8: Nuclic acid metabolism
3	

Name of The Faculty:	Dr. A. R. Md. Mustafizur Rahaman
Paper Code:	CC-2P
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	GroupA: Quantitative tests for Carbohydrates and Lipids
2	
3	

Name of The Faculty:	Dr. Subhabrata Ghosh
Paper Code:	CC-2P
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	GroupA: Quantitative tests for Carbohydrates and Lipids
2	
3	

Name of The Faculty:	Dr. Deepchandan Chankraborty
Paper Code:	CC-2P
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	GroupB: Cholorimetric Estimation

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2	
3	

Name of The Faculty:	Lopamudra Mukherjee
Paper Code:	CC-2P
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	GroupB: Cholorimetric Estimation
2	
3	

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	SEC-2
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Basic Idea of fish biology
2	
3	

Name of The Faculty:	Dr. Tapan Kumar Roy
Paper Code:	SEC-2
Lectures Allotted:	17

Lecture No.	Proposed Topics To Be Taught
1	Unit2: sustainable Aquaculturre System
2	
3	

Name of The Faculty:	DR. DOLA ROY
Paper Code:	SEC-2
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Recent Advancements in Aquaculture
2	
3	

Name of The Faculty:	Dr. Satabdi Nandi
Paper Code:	SEC-2
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	Unit3: Recent Advancements in Aquaculture
2	
3	

Name of The Faculty:	DR. AJAY KUMAR MANDAL (AKM)
Paper Code:	SEC-2
Lectures Allotted:	10

Lecture No.	Proposed Topics To Be Taught
1	Unit4: Fin Fish pathology
2	Unit5: Applied Aquaculture
3	

Name of The Faculty:	DR. AJAY KUMAR MANDAL (AKM)
Paper Code:	SEC-2P
Lectures Allotted:	15

Lecture No.	Proposed Topics To Be Taught
1	Unit1: Identification of Fish sp. Using metric characters
2	Topic2: Fied visit to Aquaculture farm/Hatechery
3	

Name of The Faculty:	Dr. Sriporna Datta Ray
Paper Code:	SEC-2P
Lectures Allotted:	5

Lecture No.	Proposed Topics To Be Taught
1	
2	Topic2: Fied visit to Aquaculture farm/Hatechery
3	

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NameofDepartment:	**Mathematics**

NameofThe Faculty:	Prabir Rudra
PaperCode:	CC-11
LecturesAllotted:	80

LectureNo.	ProposedTopicsToBeTaught
1 to5	Randomexperiment,Samplespace,probabilityas a setfunction,probabilityaxioms,probabilityspace.Finitesamplespaces.Conditional probability, Bayes theorem, independence.
6 to10	Realrandom variables(discreteandcontinuous),cumulativedistributionfunction,probabilitymass/densityfunctions,
11 to20	Mathematicalexpectation,moments,momentgeneratingfunction,characteristicfunction.Discrete distributions :uniform,binomial,Poisson,geometric,negativebinomial,Continuousdistributions:uniform,normal,expo nential.
21 to27	Joint cumulative distribution function and its properties, joint probabilitydensityfunctions, marginal andconditionaldistributions,expectationoffunctionoftworandomvariables,moments,covariance,correlation coe fficient,
28 to35	Independentrandomvariables,jointmomentgeneratingfunction(jmgf)andcalculationof covariancefromjmgf,characteristicfunction.Conditionalexpectations,linearregressionfortwovariables,regressi on curves. Bivariate normal distribution.
36 to40	MarkovandChebyshev'sinequality,ConvergenceinProbability,statementandinterpretationofweaklawof large numbers and strong law of large numbers. Central limit theorem for independent and identicallydistributed random variables with finite variance.
41 to50	SamplingandSamplingDistributions :Populations andSamples,RandomSample,distributionofthesample, Simple random sampling with and without replacement. Sample characteristics. SamplingDistributions :Statictic,Samplemoments.Samplevariance, Samplingfromthenormaldistributions, Chi-square,tandF-distributions, samplingdistribution ofmean, variance,etc.
51 to60	Estimationofparameters:Pointestimation.IntervalEstimation-ConfidenceIntervalsformeanandvarianceof Normal Population. Mean-squared error. Properties of good estimators - unbiasedness, consistency,sufficiency, Minimum-Variance Unbiased Estimator (MVUE). MethodofMaximumlikelihood:likelihoodfunction,MLestimatorsfordiscreteandcontinuous models.
61 to70	Statisticalhypothesis:Simpleandcompositehypotheses,nullhypotheses,alternativehypotheses,onesidedand two-sided hypotheses. The critical region and test statistic, type I error and type II error, level ofsignificance.Powerfunctionofatest,mostpowerfultest.Thep-value(observedlevelofsignificance), Calculatingp-values.Simplehypothesis versussimplealternative:Neyman-Pearsonlemma(Statementonly).
71 to75	BivariatefrequencyDistribution:Bivariatedata,Scatterdiagram,Correlation,LinearRegression,principleof least squares and fitting of polynomials and exponential curves.
76 to80	Revisions.

NameofThe Faculty:	Prabir Rudra
PaperCode:	MATH-H-CC-1(Major),MINOR-1,MATH-MD-CC-1
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1 to3	Rotationof axes
4 to8	Seconddegreeequations,classificationofconicsusingthediscriminant,reductiontocanonicalform
9 to11	TangentandNormal
12 to14	Polarequationsofconics.
15 to18	Spheres.
19 to21	Cylindricalsurfaces.
22 to28	Centralconicoids,paraboloids,planesectionsof conicoids,generatinglines,identificationofquadricsurfaceslikecone,cylinder,ellipsoid, hyperboloid, classification of quadrics.
29 to35	Revisions.

NameofThe Faculty:	AshimSarkar
PaperCode:	CC-12
LecturesAllotted:	80

LectureNo.	ProposedTopicsToBeTaught
1 to15	Automorphism,innerautomorphism,automorphismgroups,automorphismgroupsoffiniteandinfinitecyclicgroups,applicationsoffactor groups to automorphism groups.
16 to35	Externaldirectproductandits properties,thegrouporumtsmodulonasanexternaldirectproduct,Internaldirectproduct,converseof Lagrange'stheoremforfiniteabeliangroup,Cauchy'stheoremforfiniteabeliangroup,Fundamental theorem of finite abelian groups.
36 to45	Innerproductspacesandnorms,Gram-Schmidtorthonormalisationprocess,orthogonalcomplements,Bessel'sinequality,theadjointofa linear operator and its basic properties.
46 to60	Bilinearandquadraticforms,Diagonalisationofsymmetricmatrices,Secondderivativetestforcriticalpointofafunctionofseveralvariable s, Hessian matrix, Sylvester's law of inertia. Index, signature, Dual spaces, dual basis, double dual, transpose of a lineartransformation and its matrix in the dual basis, annihilators.
61 to75	Eigenspacesofalinearoperator,diagonalizability,invariantsubspacesandCayley-Hamiltontheorem,theminimalpolynomialfora linearoperator,canonicalforms(Jordan&rational).
75 to80	Revisions.

NameofThe Faculty:	AshimSarkar
PaperCode:	CC-6
LecturesAllotted:	45

LectureNo.	ProposedTopicsToBeTaught
1 to10	Vectorspaces,subspaces,algebra ofsubspaces,Vectorspaces,subspaces, algebra ofsubspaces,quotientspaces,linearcombinationofvectors, linear span, linear independence.
11 to20	Basisanddimension,dimensionofsubspaces.Subspaces ofRn,dimensionofsubspaces ofRn.Geometricsignificanceofsubspace.

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21 to30	Lineartransformations,nullspace,range,rankandnullityofa lineartransformation,matrixrepresentationofa lineartransformation, change of coordinate matrix. Algebra of linear transformations. Isomorphism theorems, invertibilityand isomorphisms.
30 to36	Eigenvalues,eigenvectorsandcharacteristicequationofamatrix,Cayley-Hamiltontheoremanditsuseinfindingtheinverseofamatrix
37 to45	Revisions

NameofThe Faculty:	AshimSarkar
PaperCode:	MATH-H-CC-1(Major),MINOR-1,MATH-MD-CC-1
LecturesAllotted:	25

LectureNo.	ProposedTopicsToBeTaught
1 to8	Tripleproduct,vectorequations,applicationstogeometryandmechanics,concurrentforcesinaplane,theoryofcouples,systemofparallelforces.
9 to15	Introductiontovectorfunctions,operationswithvector-valuedfunctions,limitsandcontinuityofvectorfunctions.
16 to20	differentiationandintegrationofvectorfunctionsofonevariable. Revisions.
21-25	Revisions

NameofThe Faculty:	SukantaBhunia
PaperCode:	DSE-A(1)
LecturesAllotted:	80

LectureNo.	ProposedTopicsToBeTaught
1 to10	Mathematicalbiologyandthemodelingprocess:anoverview.Continuousmodels:Malthus model,logisticgrowth
11 to20	Alleeeffect,Gompertzgrowth,Michaelis-MentenKinetics,Hollingtypegrowth,bacterialgrowthinachemostat,harvesting asinglenaturalpopulation
21 to30	Preypredatorsystems andLotka-Volterraequations,populationsincompetitions,epidemicmodels(SI,SIR,SIRS,SIC)
31 to40	Activator-inhibitorsystem,insectoutbreakmodel:SpruceBudworm.Numericalsolutionofthemodelsanditsgraphicalrepresentation
41 to50	Qualitativeanalysis ofcontinuous models:Steadystatesolutions,stabilityandlinearization,multiplespecies communities andRouth-HurwitzCriteria
51 to55	Phaseplanemethodsandqualitativesolutions,bifurcationsandlimitcycleswithexamples inthecontextofbiological scenario
56 to65	Spatialmodels:Onespeciesmodelwithdiffusion.Twospeciesmodelwithdiffusion,conditionsfordiffusiveinstability,spreadingcolonies ofmicroorganisms, Blood flow in circulatorysystem, travelling wave solutions, spread ofgenes in a population.
66 to70	Discretemodels:Overviewofdifferenceequations,steadystatesolutionandlinearstabilityanalysis.Introductiontodiscretemodels,linearmodels
71 to75	growthmodels,decaymodels,drugdeliveryproblem,discreteprey-predatormodels,densitydependentgrowthmodelswithharvesting,host-parasitoid systems (Nicholson- Baileymodel), numerical solution of the models and its graphical representation
76 to80	casestudies. Optimalexploitationmodels,models ingenetics,stagestructuremodels,agestructure models

NameofThe Faculty:	SukantaBhunia
PaperCode:	CC-7 (Unit1)
LecturesAllotted:	55

LectureNo.	ProposedTopicsToBeTaught
1 to10	Firstorderdifferentialequations:Exactdifferentialequationsandintegratingfactors,specialintegratingfactorsandtransformations
11 to20	linearequationsandBernoulliequations,theexistenceanduniquenesstheoremofPicard(Statementonly)
21 to30	Linearequations andequations reducibletolinearform.Firstorderhigherdegreeequations solvableforx,yandp.Clairaut's equationsand singular solution.
31 to40	BasicTheoryoflinearsystemsinnormalform,homogeneouslinearsystemswithconstantcoefficients:TwoEquationsintwounknownfunctions. Linear differential equations ofsecond order, Wronskian : its properties and applications, Euler equation, method ofundetermined coefficients, method of variation of parameters.
41 to50	System oflinear differential equations, types oflinear systems, differential operators, an operator method for linear systems withconstantcoefficients.Planarlinearautonomoussystems:Equilibrium(critical)points,Interpretationofthephaseplaneandphase portraits.
51 to55	Powerseriessolutionofadifferentialequationaboutanordinarypoint,solutionabouta regularsingularpoint(uptosecond order).

NameofThe Faculty:	SukantaBhunia
PaperCode:	CC3/GE3(Unit 2)
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1 to10	Approximate numbers,Significant figures,Roundingoff numbers.Error :Absolute,Relative andpercentage.•Operators-Δ,∇ andE(Definitions and some relations among them).
11 to20	Interpolation:TheproblemofinterpolationEquispacedargumentsDifferenceTables,DeductionofNewton'sForwardInterpolation Formula, remainder term (expression only). Newton's Backward interpolation Formula (Statement only) with remainder term
21 to30	Unequally-spacedargumentsLagrange'sInterpolationFormula(Statementonly).NumericalproblemsonInterpolationwithbothequallyand unequallyspaced arguments. Numerical Integration : Trapezoidal and Simpson's 1 3 -rd formula (statement only). ProblemsonNumericalIntegration.•SolutionofNumericalEquation:Tofindarealrootofanalgebraicortranscendental equation. Locationofroot(tabularmethod)
31 to35	Bisectionmethod,Newton-Raphsonmethodwithgeometricalsignificance,NumericalProblems.(Note:Emphasisshouldbegivenonproblems)

NameofThe Faculty:	SukantaBhunia
PaperCode:	MATH-H-CC-1(Major),MINOR-1,MATH-MD-CC-1
LecturesAllotted:	25

LectureNo.	ProposedTopicsToBeTaught
1 to10	Differentiabilityofafunctionatapointandinaninterval.Meaningofsignofderivative.Differentiatinghyperbolicfunctions,higherorder derivatives, Leibnitz rule and its applications tofunctions oftype e(ax+b)sin x, e(ax+b)cos x, (ax+b)nsin x, (ax+b)ncos x. Indeterminateforms.L'Hospital'srule(statementand example)

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11 to20	Reductionformulae,derivations andillustrationsofreductionformulaeofthetype∫sinnxdx,∫cosnxdx,∫tannxdx,∫secnxdx,∫(logx)ndx,∫sin nxsinmxdx,∫sinnxcosmxdx.Parametricequations,parametrizinga curve,arclength ofa curve,arclength ofparametric curves
21 to25	areaunderacurve,areaandvolumeofsurfaceofrevolution.

NameofThe Faculty:	ArpitaPaul
PaperCode:	DSE-B1(Unit 1,2,3)
LecturesAllotted:	45

LectureNo.	ProposedTopicsToBeTaught
1 to10	DefinitionofLinearProgrammingProblem(L.P.P.),FormationofL.P.P.fromdailylifeinvolving,GraphicalsolutionofL.P.P.,Basicsolutions and Basic Feasible Solution (B.F.S) with reference toL.P.P., Matrixformulation ofL.P.P. Degenerate and Non-degenerateB.F.S.,Hyperplane,Convexset,Cone,extremepoints,convexhullandconvexpolyhedron,SupportingandSeparatinghyperplaneand Separating hyperplane, Practice Problems.
11 to20	ThecollectionofafeasiblesolutionsofanL.P.P.constitutesaconvexset,Theextremepointsoftheconvexsetoffeasiblesolutionscorrespond toits B.F.S. and conversely.The objectivefunction has its optimal valueat an extremepoint ofthe convexpolyhedrongenerated bythe set offeasible solutions (the convex polyhedron mayalso be unbounded),Practice Problems.
21 to30	IntheabsenceofdegeneracyiftheL.P.P.admits ofanoptimalsolutionthenatleastoneB.F.S.mustbeoptimal,Reductionofa F.S.toa B.F.S.Slack and surplus variables, Standard form ofL.P.P. theoryofsimplexmethod, Discussion ofsimplex method, Feasibilityandoptimalityconditions, Discussion of Big M algorithm, Introduction to two phase method, Degeneracyin L.P.P. and its resolution,PracticeProblems.
31 to45	Dualitytheory: Thedual ofdual is theprimal, Problems on duality, Relation between theobjective values ofdual and the primalproblems, Relation between their optimal values, Complementaryslackness, Dualityand simplex method and their applications,RevisionofBasicsolutionsandBasicFeasibleSolution(B.F.S)withreferencetoL.P.P.,RevisionofMatrixformulationofL.P.P.Degenerate and Non-degenerate B.F.S.

NameofThe Faculty:	ArpitaPaul
PaperCode:	CC3/GE3(Unit 1,3)
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1 to10	Motivation ofLinear Programming Problem (L.P.P.), Statement and Formation of L.P.P. from dailylife involving inequations, SlackandsurplusvariablesMatrixformulationofL.P.P.,Hyperplane,Convexset,Cone,extremepoints,convexhullandconvexpolyhedron,BasicsolutionsandBasicFeasibleSolution(B.F.S)withreferencetoL.P.P.,DegenerateandNon-degenerateB.F.S.,ThecollectionofafeasiblesolutionsofanL.P.P. constitutes a convexset, A basic feasible solution toan L.P.P. corresponds toan extremepoint oftheconvex set of feasible solution, Practice Problems.
11 to20	Thecollection ofa feasiblesolutions ofan L.P.P. constitutes a convexset, A basic feasible solution toan L.P.P. corresponds toanextremepointoftheconvexsetoffeasiblesolution,FundamentalTheoremofL.P.P.,Reductionofafeasiblesolutiontoabasicfeasiblesolution , Solution bygraphical method, Simplex method and method ofpenalty, Concept ofDualityand Dualitytheory, The dual ofadual is primal, Practice Problems.
21 to30	Relationbetweentheobjectivevaluesofdualandtheprimalproblems,Dualproblems withatmostoneunrestrictedvariable,one constraintofequality,Transportationproblems,Assignmentproblems,RevisionsandPracticeProblems. Evaluation ofdefiniteintegrals,Integrationas thelimitofa sum(withequallyspaced as wellas unequalintervals),Reduction formulaeofZ, sinn x, cosm x dx, Z sinm x, cosn xdx, Z tann xdx and associated problems (m and n are non-negative integers), PracticeProblems.
31 to35	Definition ofImproper Integrals : Statements of(i) μ-test (ii) Comparison test (Limit from excluded) -Simpleproblems only. Use ofBetaandGammafunctions(convergenceandimportantrelationsbeingassumed).Workingknowledgeofdoubleintegral,Applications :Rectification,Quadrature,volumeandsurfaceareasofsolidsformedbyrevolutionofplanecurveandareasproblems only.

NameofThe Faculty:	ArpitaPaul
PaperCode:	CC5(Unit2)
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1 to10	Differentiabilityofafunctionatapointandinaninterval,algebraofdifferentiable functions.Meaningofsignofderivative.Chainrule,Darboux theorem, Rolle's theorem, Mean value theorems of Lagrange and Cauchy- as an application ofRolle's theorem.PracticeProblems.
11 to20	Taylor'stheoremonclosedandboundedintervalwithLagrange'sandCauchy's formofremainderdeducedfromLagrange'sand Cauchy'smeanvaluetheoremrespectively.Expansionofexp(x),log(1+ x),(1+ x)^m,sinx,cos xwiththeirrangeofvalidity(assuming relevant theorems). Application of Taylor's theorem to inequalities. Practice Problems.
21 to30	StatementofL'Hospital'sruleanditsconsequences. Pointoflocalextremum(maximum,minimum)ofafunctioninaninterval. Sufficientcon ditionfortheexistenceofalocalmaximum/minimumofafunctionatapoint(statementonly).PracticeProblems.
31 to35	DeterminationoflocalextremumusingfirstorderderivativeApplicationoftheprincipleofmaximum/minimumingeometrical problems.PracticeProblems.

NameofThe Faculty:	SIRSENDU KARMAKAR
PaperCode:	DSEA(1)(Advanced Algebra)
LecturesAllotted:	80

LectureNo.	ProposedTopicsToBeTaught
	Unit-1:GroupTheory **[25 classes]**
1 to5	Groupactions,stabilizers,permutationrepresentationassociatedwithagivengroupaction
6 to10	Applicationsofgroupactions:GeneralizedCayley'stheorem,Indextheorem
11 to15	Groupsactingonthemselvesbyconjugation,classequationandconsequences
16 to20	ConjugacyinS_n,p-groups,Sylow'stheoremsand consequences
21 to25	Cauchy'stheorem,SimplicityofA_n,n≥5,non-simplicitytests.
	Unit-2:RingTheory **[55classes]**
1 to5	Principalidealdomain,principalidealring,primeelement,irreducibleelement, greatestcommondivisor(gcd),leastcommonmultiple(lcm), expression of gcd
6 to15	Examplesofa ringRandapairofelementsa,b ∈R suchthatgcd(a,b)does not exist
16 to25	Euclideandomain,relationbetweenEuclideandomainandprincipalideal domain.
26 to35	Polynomialrings,divisionalgorithmandconsequences,factorizationdomain,uniquefactorizationdomain,irreducibleandprimeelements in a unique factorization domain
36 to45	Relationbetweenprincipalidealdomain,uniquefactorizationdomain,factorizationdomainandintegraldomain,Eisensteincriterionand unique factorization in Z[x]

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46 to50	Ringembeddingandquotientfield,regularringsandtheirexamples,propertiesofregularring,ideals inregularrings.
51-55	Revision

NameofThe Faculty:	SIRSENDU KARMAKAR
PaperCode:	SECA(ObjectOrientedProgramminginC++)
LecturesAllotted:	50

LectureNo.	ProposedTopicsToBeTaught
1 to10	Programmingparadigms,characteristicsofobjectorientedprogramminglanguages,briefhistoryofC,++, structureofC++program
11 to20	DifferencesbetweenCandC++,basicC++ operators,Comments,workingwithvariables,enumeration,arraysand pointer
21 to35	Objects, classes, constructor and destructors, friend function, inline function, encapsulation, data abstraction, inheritance,polymorphism,dynamicbinding,operatoroverloading,methodoverloading,overloadingarithmeticoperatorandcomparisonoperators.
36 to45	TemplateclassinC++,copyconstructor,subscriptandfunctioncalloperator,conceptofnamespaceandexception handling.
46-50	Revision

NameofThe Faculty:	SIRSENDU KARMAKAR
PaperCode:	CC 6(Unit1: RingTheory)
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1 to10	Definitionandexamplesofrings,propertiesofrings,subrings,necessaryandsufficientconditionforanon-emptysubsetofaringtobea subring, integral domains and fields, subfield.
11 to20	Necessaryandsufficientconditionforanonemptysubsetofafieldtobeasubfield,characteristicofaring.
21 to30	Ideal,idealgeneratedbya subsetofa ring,factorrings,operations onideals,primeandmaximalideals. Ringhomomorphisms,properties of ring homomorphisms. First isomorphism theorem, second isomorphism theorem, third isomorphism theorem
31 to35	Correspondencetheorem,congruenceonrings,one-onecorrespondencebetweenthesetofidealsandthesetofallcongruencesonaring.

NameofThe Faculty:	Sukanya Banerjee
PaperCode:	MTMA(Sem-5)DSE-B(1),Unit-4-LinearProgramming& Game Theory
LecturesAllotted:	35

LectureNo.	ProposedTopicsToBeTaught
1	Conceptofgameproblem.Rectangulargames.PurestrategyandMixedstrategy.Saddlepointanditsexistence
2	Optimalstrategyand finding valueofthegame
3 to5	GraphicalmethodofsolvingRectangulargames
6 to8	Algebraicmethod.ofsolving(2x2)games
9	Necessaryandsufficientconditionforagivenstrategytobeoptimalinagame.ConceptofDominance.
10	FundamentalTheoremofrectangulargames.
11 to13	.DominancemethodofsolvingRectangular games.
14	Inter-relationbetweentheoryofgamesandL.P.P
15	SolvinggameproblemusingLPP.
16 to18	Algebraicmethodforsolutionofgeneralgames.
21	Introductiontoassignment problem.
22 to23	Mathematicalformulationofassignmentproblem
24	Optimalitycriteriaforassignment problem
25	Hungarianassignmentmethod.Special cases.
26	Sums practiceofassigmnentproblem.
27	IntroductionandMathematicalformulationoftransportationproblem
28 to29	Sumspracticeoftransportationproblem.
30	Existenceoffeasiblesolution.
31	Solutionof transportationproblembyNorth-Westcorner method (sumspractice)
32	Solution of transportationproblembymatrixminima method.(sumspractice)
33	Solutionoftransportationproblem byVAM
34	testingfor optimalitywithsums
35	SpecialCases.SumPractice.
36	Degeneracy intransportationproblem.
37 to38	SpecialCases.SumPractice
39	Revision of Transportationproblem
40	RevisionofAssignmentproblem

NameofThe Faculty:	Sukanya Banerjee
PaperCode:	MTMG(Sem-5)DSE-A-ParticleDynamics
LecturesAllotted:	80

LectureNo.	ProposedTopicsToBeTaught
1	Someimportant definitions
2	Analyticalexpressionofvelocityandaccelerationofaparticlemovinginastraightline
3	Compositionandresolutionofvelocitiesandaccelerationofaparticlemovinginastraightline
4	Rectilinearmotionwithuniformacceleration
5	VerticalmotionunderGravity
6	Newton'slawofmotion
7	weight
8 to9	sumspractice
10	Motionofaparticlewhentheaccelerationisafunctionoftime(with sums)
11	Motionofaparticlewhentheaccelerationisafunctionofdisplacement(with sums)
12	Motionofaparticlewhentheaccelerationisafunctionof Velocity(with sums)
13	Motionofaparticleunderaccelerationduetotogravitytowards theEarth(withsums)
14	sumsofspecialcases ofmotionofaparticleunder acceleration
15	Introductionto SHM
16	CompositionoftwoSHMsalongthestraight line(sums)
17	Motionofa particleattachedtoa horrizontalelasticstringwithsums
18	Motionofa particleattachedtoa verticalelasticstringwithsums
19	DampedHarmonicOscillation
20	ForcedOscillation
21	DampedforcedOscillation
22 to23	sumspracticeonSHM
24	Introductiontowork,measurementofwork,unitsofwork
25	Workdonein drawingabodyup aninclinedplanealong thegreatestslope
26	sumspractice
27	workdonein stretchinganelastic string
28	sumspractice
29	power,unitsofpower,sumspractice
30	Energy,basicsums on energy
31	measurementofkineticenergy,rateofchangeofkineticenergywithsums

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32	measurementofpotentialenergy,rateofchangeofpotentialenergywithsums
33	Theprincipleofenergy,conservativesystemofforceswith sums
34	Principleofconservationofenergywithsums
35	sumsofPrincipleofconservationofenergy
36	Impulseofaforce,measurementofimpulse,unitsofimpulse
37	Principleofconservationoflinearmomentumwithsums
38	Sumsofprincipleofconservationoflinearmomentum
39	impulsiveforcewithsums
40	miscellaneous sumson impulseand impulsive force
41	velocityandaccelerationcomponentsincartesiancoordinates
42	equationsofmotion,angularvelocityandangularacceleration
43	Relationbetweenangularvelocityandlinearvelocity
44	uniformmotionofaparticleina circle
45	normalacceleration(sumspractice)
46	TangentialandNormalaccelerationunderaplanecurve
47	TwoDimensionalmotionwithcentral acceleration
48	Motionofaprojectileundergravity
49	Someimportantdeductionsfromthepathofa projectile
50 to52	sumson 2-D motionincartesiancoordinates
53	velocityandaccelerationcomponentsinpolarcoordinatessystem
54	derivationofvelocityandaccelerationcomponentfromcartesianforms
55	findingcomponentsofvelocityandaccelerationwithreferredtoasetofrotatingaxes
56 to59	sums on 2-D motionin polar coordinates
60	motionofa particleundercentral force
61	Angularmomentumwith sums
62	velocityofaparticleincentralorbit,apse
63	Lawofforceandvelocityinacentral orbit
64 to66	sumson central orbit
67	Newton'slaw ofuniversalgravitationwithsums
68	Kepler'slawofplanetarymotionwithsums
69	Timerequiredtodescriceagivenarcofa parabolicorbitstartingfromthevertexofaplanet
70	Timerequiredtodescriceagivenarcofahyperbolicorbitofaplanet
71 to74	sums onplanetarymotion
75	verticalmotionofaparticlewhenresistancevaries withthevelocitywithsums
76	verticalmotionofaparticlewhenresistancevaries withthesquareofthevelocitywithsums
77	motiononasmoothcurvewithresistancewithsums
78 to79	Sums on Motion ona resisting medium
80	revision

NameofThe Faculty:	Sukanya Banerjee
PaperCode:	MTMA(Sem-3)SEC-A(1)&MTMG(Sem-3) SEC-A[C ProgrammingLanguage]
LecturesAllotted:	50

LectureNo.	ProposedTopicsToBeTaught
1 to3	Anoverviewoftheoreticalcomputers,historyofcomputers,overviewofarchitectureofcomputer,compiler,assembler,machinelanguage, high level language, object oriented language, programming language and importance of C programming.
4 to8	Constants,Variables andData typeofC-Program:Characterset.Constants andvariables data types,expression,assignmentstatements,declaration.
9 to13	OperationandExpressions:Arithmeticoperators,relationaloperators,logicaloperators.
14 to20	Decision Making and Branching :decision making with ifstatement, if-elsestatement, Nesting ifstatement, switch statement, breakand continue statement.
21 to24	ControlStatements :Whilestatement,do-whilestatement,forstatement.
25 to29	Arrays:One-dimension,two-dimensionandmultidimensionalarrays,declarationofarrays,initializationofoneandmulti-dimensionalarrays.
30 to38	User-definedFunctions:Definitionoffunctions,Scopeofvariables,returnvaluesandtheirtypes,functiondeclaration,functioncallbyvalue, Nesting of functions, passing of arrays to functions, Recurrence of function.
39 to44	IntroductiontoLibraryfunctions:stdio.h,math.h,string.hstdlib.h,time.hetc.
45 to50	Revision.

NameofThe Faculty:	Sukanya Banerjee
PaperCode:	MATH-H-SEC1-1-Th-(CLanguagewithMathematicalApplications)
LecturesAllotted:	75

LectureNo.	ProposedTopicsToBeTaught
1 to3	Overviewofarchitectureofcomputer,compiler,assembler,machinelanguage,highlevellanguage,objectorientedlanguage, programming language, higherlevel language
4 to10	Constants,Variables andData typeofC-Program:Characterset.Constants andvariables data types,expression,assignmentstatements,declaration.
11 to14	OperationandExpressions:Arithmeticoperators,relationaloperators,logicaloperators.
15 to21	Decision Making and Branching:decision making with ifstatement, if-elsestatement, Nesting ifstatement, switch statement, break andcontinuestatement.
22 to26	ControlStatements:Whilestatement,do-whilestatement,forstatement.
27 to32	Arrays:One-dimension,two-dimensionandmultidimensionalarrays,declarationofarrays,initializationofoneandmulti-dimensionalarrays.
33 to45	User-definedFunctions:Definitionoffunctions,Scopeofvariables,returnvaluesandtheirtypes,functiondeclaration,functioncallbyvalue, Nesting of functions, passing of arrays to functions, Recurrence of function.
46 to50	IntroductiontoLibraryfunctions:stdio.h,math.h,string.h,stdlib.h,time.hetc.
51 to52	Practiceoffewbasicprograms.
53 to54	Practise Problems 1. Displayfirst 15 natural numbers. 2. Computethesum offirst10naturalnumbers. 3. Read10numbersfromkeyboardandfindtheiraverage. 4. Findthesumoffirst 15evennaturalnumbers.
55 to58	5. Writea programtofindfactorialofa numberusingrecursion. 6. Writea programtomakea pyramid patternwith numbers increased by1. 7. Fromtheterminalreadthreevalues,namely,length,width,height.Printa messagewhethertheboxis a cubeorrectangleorsemi-rectangle. 8. FindtheAM,GM, HM ofa given setofnumbers. 9. Writeaprogramtoprintmultiplication table.

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59 to62	10. Writea programthatgeneratesa data filecontainingthelistofcustomersnandtheircontactnumbers. 11. Findthemaximumandminimum elementofa given array. 12. Sorttheelements ofanarrayinascendingorder 13. Writeaprogramtoreadin anarrayofnamesandtosortthem inalphabetical order. 14. Writea programforadditionoftwomatrices. 15. Findthetransposeofagivenmatrix.
63 to66	16. Findtheproductoftwomatrices. 17. Writea programtocheck whethertwogivenstringsareananagram. 18. WriteaprogramtocheckArmstrongandPerfect numbers. 19. Writea programtocheck whethera numberis aprimenumberornot. 20. Preparea codeforsummingaSeries.
67 to70	21. Computeapproximatevalueofpi. 22. Computethearea under a givencurve. 23. Solveaquadraticequation. 24. Writea programtosolvea systemoftwolinearequationsintwo unknowns. 25. Writea programtofindtheshortestdistancebetweentwostraight lines (parallelorintersectingorskew)in space. 26. Prepareaninvestmentreportbycalculatingcompound interest.
70 to75	Revision.

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TEACHING PLAN (SEM-2)	
Name of Department:	**MATHEMATICS**

Name of The Faculty:	Arpita Paul
Paper Code:	MATH-H-SEC-2-2-TH
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Introduction to LATEX: Preparing a basic LATEX file.
2	Compiling LATEX file.

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3	Document classes
4	Different type of document classes, e.g., article, report, book etc.
5	Page Layout: Titles.
6	Abstract, Chapters, Sections, subsections, paragraph, verbatim,
7	References, Equation references, citation.
8	List structures: Itemize.
9	Enumerate, description etc.
10	Representation of mathematical equations.
11	Inline math, Equations.
12	Fractions, Matrices.
13	Trigonometric, logarithmic.
14	Exponential functions.
15	Line, surface.
16	Volume integrals with and without limits.

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17	Closed line integral, surface integrals.
18	Scaling of Parentheses, brackets etc.
19	Customization of fonts.
20	Bold fonts, emphasise.
21	Mathbf, mathcal etc.
22	Changing sizes Large.
23	Larger, Huge, tiny etc.
24	Writing tables.
25	Creating tables with different alignments.
26	Placement of horizontal, vertical lines.
27	Figures.
28	Changing and placing the figures, alignments.
29	Revise.
30	Practice Problems.

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31	Write Sample Projects.
32	Handson Practical Application.
33	Revise.
34	Practice Problems.

Name of The Faculty:	Arpita Paul
Paper Code:	MATH-MD-SEC-2-2-TH
Lectures Allotted:	20

Lecture No.	**Proposed Topics To Be Taught**

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1	Introduction to LATEX: Preparing a basic LATEX file.
2	Compiling LATEX file.
3	Document classes
4	Different type of document classes, e.g., article, report, book etc.
5	Page Layout: Titles.
6	Abstract, Chapters, Sections, subsections, paragraph, verbatim,
7	References, Equation references, citation.
8	List structures: Itemize.
9	Enumerate, description etc.
10	Representation of mathematical equations.
11	Inline math, Equations.
12	Fractions, Matrices.
13	Trigonometric, logarithmic.
14	Exponential functions.
15	Line, surface.

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16	Volume integrals with and without limits.
17	Closed line integral, surface integrals.
18	Scaling of Parentheses, brackets etc.
19	Customization of fonts.
20	Bold fonts, emphasise.
21	Mathbf, mathcal etc.
22	Changing sizes Large.
23	Larger, Huge, tiny etc.
24	Writing tables.
25	Creating tables with different alignments.
26	Placement of horizontal, vertical lines.
27	Figures.
28	Changing and placing the figures, alignments.
29	Revise.
30	Practice Problems.

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31	Write Sample Projects.
32	Handson Practical Application.
33	Revise.
34	Practice Problems.
1	Polar representation of complex numbers
2	nth roots of unity, De Moivre's theorem for rational indices and its applications-I.
3	Applications -II
4	Exponential, logarithmic, trigonometric
5	and hyperbolic functions of complex variable.
6	Problem Solve.
7	Problem Solve.
8	Introduction Polynomials
9	Problem Solve.
10	Theory of equations: Introductions
11	Relation between roots and coefficients

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12	Problem Solve.
13	Problem Solve.
14	Transformation of Equation,
15	Problem Solve.
16	Problem Solve.
17	Descartes rule of signs, Application of Sturm's theorem
18	Problem Solve.
19	Cubic equation (solution by Cardan's method)
20	Problem Solve.
21	Biquadratic equation (solution by Ferrari's method).
22	Inequalities: (Introduction)
23	The inequality involving AM≥ GM ≥ HM
24	Theorem & Problem Solve:
25	Cauchy-Schwartz inequality
26	Problem Solve.

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27	Problem Solve.

Name of The Faculty:	Sukanta Bhunia
Paper Code:	MATH-MD-CC-2-TH
Lectures Allotted:	20

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Lecture No.	Proposed Topics To Be Taught
1	Polar representation of complex numbers
2	nth roots of unity, De Moivre's theorem for rational indices and its applications-I
3	Applications -II
4	Exponential, logarithmic, trigonometric
5	and hyperbolic functions of complex variable.
6	Problem Solve.
7	Problem Solve.
8	Introduction Polynomials
9	Problem Solve.
10	Theory of equations: Introductions
11	Relation between roots and coefficients
12	Problem Solve.
13	Problem Solve.

14	Transformation of Equation,
15	Problem Solve.
16	Problem Solve.
17	Descartes rule of signs, Application of Sturm's theorem
18	Problem Solve.
19	Cubic equation (solution by Cardan's method)
20	Problem Solve.
21	Biquadratic equation (solution by Ferrari's method).
22	Inequalities: (Introduction)
23	The inequality involving AM≥ GM ≥ HM
24	Theorem & Problem Solve:
25	Cauchy-Schwartz inequality
26	Problem Solve.
27	Problem Solve.

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Name of The Faculty:	Prabir Rudra
Paper Code:	MATH-H-CC2-2-Th
Lectures Allotted:	20

Lecture No.	Proposed Topics To Be Taught
1	Systems of linear equations, homogeneous and non-homogeneous systems.
2	Existence and uniqueness of solution
3	The matrix equation Ax=b
4	Row reduction and Echelon forms
5	Uniqueness of reduced Echelon form
6	Rank of a matrix & characterization of invertible matrices.
7	Pivot positions, basic and free variables
8	parametric description of the solution set

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9	Existence and uniqueness theorem
10	Problems
11	Vectors in , algebraic and geometric properties of the vectors
12	Vector form of a linear system and the column picture
13	Existence of solutions and linear combination of of vectors
14	Geometry of linear combination and subsets spanned by some vectors
15	Uniqueness of solution and linear independence of vectors
16	Algebraic and geometric characterizations of linearly independent subsets.
17	Algebraic and geometric characterizations of linearly independent subsets.
18	Problems
19	Problems
20	Problems

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Name of The Faculty:	Bappa Mondal
Paper Code:	MATH-H-SEC2-2-Th (SEC 2.1) Group A: Python Programming
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught
1	Python Programming Language, features, Installing Python.
2	Running Code in the Interactive Shell, IDLE. Input, Processing and Output, Editing, Saving, and Running a Script,
3	Debugging: Syntax Errors, Runtime Errors, Semantic Errors.
4	Data types and expressions: Variables and the Assignment Statement, Program Comments and Doc strings.

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5	Data Types-Numeric integers and Floating-point numbers. Boolean string. Mathematical operators,
6	PEMDAS.Arithmetic expressions, Mixed-Mode Arithmetic and type Conversion, type( ). Input( ), print( ), program comments. id( ), int( ), str( ), float( ).
7	PEMDAS.Arithmetic expressions, Mixed-Mode Arithmetic and type Conversion, type( ). Input( ), print( ), program comments. id( ), int( ), str( ), float( ).
8	Loops and selection statements: Definite Iteration: for Loop, Executing statements a given number of times,
9	Specifying steps using range( ) , Loops that count down, Boolean and Comparison operators and Expressions
10	Conditional and alternative statements- Chained and Nested Conditionals: if, if-else, if-elseif-else, nested if, nested if-else
11	Conditional and alternative statements- Chained and Nested Conditionals: if, if-else, if-elseif-else, nested if, nested if-else
12	Compound Boolean Expressions, Conditional Iteration: while Loop –with True condition, break Statement.
13	Random Numbers. Loop Logic, errors and testing.

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14	Strings, Lists, Tuple, Dictionary: Accessing characters, indexing, slicing, replacing.
15	Concatenation (+), Repetition (*).Searching a substring with the 'in' Operator, Traversing string using while and for. String methods- find, join, split, lower, upper. len( ).
16	Concatenation (+), Repetition (*).Searching a substring with the 'in' Operator, Traversing string using while and for. String methods- find, join, split, lower, upper. len( ).
17	Lists – Accessing and slicing, Basic Operations (Comparison, +),List membership and for loop.Replacing element (list is mutable).
18	List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e. List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e.
19	List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e.

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20	Design with functions: Defining Simple Functions- Parameters and Arguments, the return Statement, tuple as return value.
21	Boolean Functions. Defining a main function. Defining and tracing recursive functions.
22	Working with Numbers: Calculating the Factors of an Integer, Generating Multiplication Tables, converting units of measurement, Finding the roots of a quadratic equation
23	Working with Numbers: Calculating the Factors of an Integer, Generating Multiplication Tables, converting units of measurement, Finding the roots of a quadratic equation
24	Algebra and Symbolic Math with SymPy: symbolic math using the SymPy library. Defining Symbols and Symbolic Operations, factorizing and expanding expressions, Substituting in Values, Converting strings to mathematical expressions.
25	Solving equations, solving quadratic equations, solving for one variable in terms of others, Solving a system of linear equations.
26	Plotting using SymPy, plotting expressions input by the user, Plotting multiple Functions.

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27	Sample problems: 1. Convert number from decimal to binary system. 2. Convert number from decimal to octal system.
28	3. Convert from Hexadecimal to binary system. 4. Write a program to read one subject mark and print pass or fail. Use single returnvalues function with argument.
29	5. Find the median of a given set of numbers. 6. Write a Python function that takes two lists and returns True if they have at least one common member.
30	7. Write a program for Enhanced Multiplication Table Generator. 8. Write down Unit converter code.
31	9. Write down Fraction Calculator code. 10. Write down Factor Findercode.
32	11. Write down Graphical Equation Solver code. 12. Write down a code for solving Single-Variable Inequalities.
33	13. Prepare an investment report by calculating compound interest. 14.Write a python program to open and write the content to file and read it.
34	15. Write a python program to check whether a given year is leap year or not and also print all the months of the given year.
35	Problem

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36	Problem
37	Problem
38	Previous year question paper solve
39	Previous year question paper solve
40	Previous year question paper solve

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Name of The Faculty:	Bappa Mondal
Paper Code:	MATH-MD-SEC 2-2-Th (SEC 2.1) Group A: Python Programming
Lectures Allotted:	40

Lecture No.	Proposed Topics To Be Taught
1	Python Programming Language, features, Installing Python.
2	Running Code in the Interactive Shell, IDLE. Input, Processing and Output, Editing, Saving, and Running a Script,
3	Debugging: Syntax Errors, Runtime Errors, Semantic Errors.
4	Data types and expressions: Variables and the Assignment Statement, Program Comments and Doc strings.

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5	Data Types-Numeric integers and Floating-point numbers. Boolean string. Mathematical operators,
6	PEMDAS.Arithmetic expressions, Mixed-Mode Arithmetic and type Conversion, type( ). Input( ), print( ), program comments. id( ), int( ), str( ), float( ).
7	PEMDAS.Arithmetic expressions, Mixed-Mode Arithmetic and type Conversion, type( ). Input( ), print( ), program comments. id( ), int( ), str( ), float( ).
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10	Conditional and alternative statements- Chained and Nested Conditionals: if, if-else, if-elseif-else, nested if, nested if-else
11	Conditional and alternative statements- Chained and Nested Conditionals: if, if-else, if-elseif-else, nested if, nested if-else
12	Compound Boolean Expressions, Conditional Iteration: while Loop –with True condition, break Statement.
13	Random Numbers. Loop Logic, errors and testing.

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14	Strings, Lists, Tuple, Dictionary: Accessing characters, indexing, slicing, replacing.
15	Concatenation (+), Repetition (*).Searching a substring with the 'in' Operator, Traversing string using while and for. String methods- find, join, split, lower, upper. len( ).
16	Concatenation (+), Repetition (*).Searching a substring with the 'in' Operator, Traversing string using while and for. String methods- find, join, split, lower, upper. len( ).
17	Lists – Accessing and slicing, Basic Operations (Comparison, +),List membership and for loop.Replacing element (list is mutable).
18	List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e.
	List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e.
19	List methods append, extend, insert, pop, sort. Max( ), min( ). Tuples. Dictionaries- Creating a Dictionary, Adding keys and replacing Values , dictionary - key( ), value( ), get( ), pop( ), Traversing a Dictionary. Math module: sin(), cos(),exp(), sqrt(), constants- pi, e.

20	Design with functions: Defining Simple Functions- Parameters and Arguments, the return Statement, tuple as return value.
21	Boolean Functions. Defining a main function. Defining and tracing recursive functions.
22	Working with Numbers: Calculating the Factors of an Integer, Generating Multiplication Tables, converting units of measurement, Finding the roots of a quadratic equation
23	Working with Numbers: Calculating the Factors of an Integer, Generating Multiplication Tables, converting units of measurement, Finding the roots of a quadratic equation
24	Algebra and Symbolic Math with SymPy: symbolic math using the SymPy library. Defining Symbols and Symbolic Operations, factorizing and expanding expressions, Substituting in Values, Converting strings to mathematical expressions.
25	Solving equations, solving quadratic equations, solving for one variable in terms of others, Solving a system of linear equations.
26	Plotting using SymPy, plotting expressions input by the user, Plotting multiple Functions.
27	Sample problems: 1. Convert number from decimal to binary system. 2. Convert number from decimal to octal system.

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34	15. Write a python program to check whether a given year is leap year or not and also print all the months of the given year.
35	Problem
36	Problem

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37	Problem
38	Previous year question paper solve
39	Previous year question paper solve
40	Previous year question paper solve

Name of The Faculty:	Ashim Sarkar
Paper Code:	DSCC-2 (Group-B)+ Minor-2 And MDC -2 (GROUP -B)
Lectures Allotted:	20

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Lecture No.	Proposed Topics To Be Taught
1	Relation, definition, examples.
2	Equivalence relation, definition, examples.
3	Equivalence classes, definition, examples.
4	Equivalence classes (continued)
5	Partition, definition, examples.
6	Partial order relation, definition, examples.
7	Poset, definition, examples.

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8	Linear order relation, definition, examples.
9	Mapping, definition, examples.
10	Domain and range of mapping.
11	Injective, surjective, bijective mappings.
12	Composition of mappings
13	Inverse mapping, condition for existence of inverse mapping.
14	Permutation on a set, definitions, examples
15	Cycle, integral powers
16	Order of a permutation, examples

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17	Transposition, Even and Odd permutation.
18	Examples on Even and Odd permutation.
19	Revision
20	Revision

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ASUTOSH COLLEGE Teaching Plan (SEM-IV and SEM-VI)	
Name of Department:	**Mathematics**

TEACHING PLAN (SEM-4)	
Name of The Faculty:	Ashim Sarkar
Paper Code:	CC-8 (Riemann Integration) (Unit - I & II)
Lectures Allotted:	45

Lecture No.	Proposed Topics To Be Taught
1	Introduction. Partition and refinement of partition of a closed and bounded interval.
2	Upper Darboux sums U(P, f) and lower Darboux sum L(P, f).
3	Properties of Upper Darboux sums U(P, f) and lower Darboux sum L(P, f).
4	Theorems on Upper Darboux sums U(P, f) and lower Darboux sum L(P, f).
5	Associated results of Upper Darboux sum and lower Darboux sum.

6	Definitions of Upper integral and lower integral.
7	Examples on Definitions of Upper integral and lower integral.
8	Darboux's theorem.
9	Darboux's theorem contd. and examples.
10	Darboux's definition of integration over a closed and bounded interval.
11	Darboux's definition of integration over a closed and bounded interval contd., illustrative examples.
12	Riemann's definition of integrability.
13	Theorems on Riemann's definition of integrability.
	Theorems on Riemann's definition of integrability contd.
14	Examples on Riemann integrable functions.
15	Necessary and sufficient condition for Riemann integrable functions. for Riemann integrability.
16	Necessary and sufficient condition for Riemann integrable functions. for Riemann integrability contd.
17	Concept of negligible set (or zero set) defined as a set covered by countable number of open intervals sum of whose lengths is arbitrary small.
18	Examples on Measure zero sets.
19	Integrability of functions using Measure zero sets.

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20	A bounded function on closed and bounded interval is Riemann integrable if and only if the set of points of discontinuity is negligible. Example of Riemann integrable function
21	A bounded function on closed and bounded interval is Riemann integrable if and only if the set of limit points of discontinuity is negligible. Example of Riemann integrable function
22	More theorems on integrability of functions based on above theorems.
23	Integrability of sum, scalar multiple, product, quotient, modulus of Riemann integrable functions. Properties of Riemann integrable functions arising from the above results
24	Integrability of sum, scalar multiple, product, quotient, modulus of Riemann integrable functions. Properties of Riemann integrable functions arising from the above results contd. and examples.
25	Fundamental theorem of Integral Calculus. First Mean Value theorem of integral calculus.
26	Fundamental theorem of Integral Calculus. First Mean Value theorem of integral calculus contd. and examples.
27	Antiderivative (primitive or indefinite integral). Properties of Logarithmic function
28	Improper Integrals. Introductions with examples.
29	Range of integration, finite or infinite. Necessary and sufficient condition for convergence of improper integral in both cases.
30	Tests of convergence : Comparison and M-test. Examples.
31	Absolute and non-absolute convergence and inter-relations.
32	Absolute and non-absolute convergence and inter-relations contd. and examples.
33	Statement of Abel's and Dirichlet's test for convergence on the integral of a product with examples.
34	More examples on Abel's and Dirichlet's test for convergence on the integral of a product with examples.

35	Convergence and working knowledge of Beta and Gamma function and their interrelation.
36	Convergence and working knowledge of Beta and Gamma function and their interrelation contd. and examples.
37	More examples on Beta and Gamma functions.
38	Revision on Riemann Integrability.
39	Revision on Riemann Integrability.
40	Revision on Riemann Integrability.
41	Assignments on Riemann Integrability.
42	Revision on Improper Integrals.
43	Revision on Improper Integrals.
44	Revision on Improper Integrals.
45	Assignments on Improper Integrals..

Name of The Faculty:	Bappa Mondal
Paper Code:	CC-8 (Series of function) (Unit - III)
Lectures Allotted:	35

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Lecture No.	Proposed Topics To Be Taught
1	Introduction. Sequence of functions defined on a set, Pointwise and uniform convergence.
2	Cauchy criterion of uniform convergence.
3	Weirstrass' M-test. Boundedness, continuity, integrability and differentiability of the limit function of a sequence of functions in case of uniform convergence.
4	Weirstrass' M-test. Boundedness, continuity, integrability and differentiability of the limit function of a sequence of functions in case of uniform convergence.
5	Series of functions defined on a set, Pointwise and uniform convergence.
6	Cauchy criterion of uniform convergence.
7	Weierstrass' M-test. Passage to the limit term by term Boundedness, continuity, integrability, differentiability of a series of functions in case of uniform convergence.
8	Weierstrass' M-test. Passage to the limit term by term Boundedness, continuity, integrability, differentiability of a series of functions in case of uniform convergence.
9	Fundamental theorem of power series.
10	Fundamental theorem of power series.
11	Cauchy-Hadamard theorem.
12	Determination of radius of convergence.
13	Uniform and absolute convergence of power series.

14	Uniform and absolute convergence of power series.
15	Properties of sum function.
16	Differentiation and integration of power series.
17	Differentiation and integration of power series.
18	Differentiation and integration of power series.
19	Abel's limit theorems.
20	Uniqueness of power series having sum function
21	Trigonometric series.
22	Statement of sufficient condition for a trigonometric series to be a Fourier series.
23	Fourier coefficients for periodic functions defined on $[-\pi, \pi]$.
24	Fourier coefficients for periodic functions defined on $[-\pi, \pi]$.
25	Statement of Dirichlet's condition of convergence. Practice problem.
26	Statement of theorem of sum of Fourier series. Practice Problem.
27	Revision
28	Revision

29	Practice Problems.
30	Practice Problems.
31	Practice Problems.
32	Practice Problems.
33	Previous year question paper solving.
34	Previous year question paper solving.
35	Previous year question paper solving.

Name of The Faculty:	Sukanta Bhunia
Paper Code:	CC-9 (Unit-I) (Partial Differential Equation)
Lectures Allotted:	54

Lecture No.	**Proposed Topics To Be Taught**
1	Partial differential equations of the first order
2	Partial differential equations of the first order

3	Problem
4	Lagrange's solution
5	Problem Solve
6	non linear first order partial differential equations
7	Problem Solve
8	Problem Solve
9	Charpit's general method of solution
10	Problem Solve
11	Problem Solve
12	some special types of equations
13	Example
14	Problem Solve
15	which can be solved easily by methods other than the general method.
16	which can be solved easily by methods other than the general method.
17	Example

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18	Problem Solve
19	Problem Solve
20	Derivation of heat equation Method -I
21	Derivation of heat equation Method -II
22	wave equation Method-I
23	wave equation Method-II
24	Laplace equation Method -I
25	Laplace equation Method -II
26	Problem Solve
27	Problem Solve
28	Classification of second order linear equations as hyperbolic
29	Parabolic or Elliptic
30	Problem Solve
31	Problem Solve
32	Problem Solve

33	Reduction of second order linear equations to canonical forms. (Parabolic Type)
34	Reduction of second order linear equations to canonical forms. (Elliptic Type)
35	Reduction of second order linear equations to canonical forms. (Hyperbolic Type)
36	Problem Solve
37	Problem Solve
38	Problem Solve
39	The Cauchy problem,
40	Example
41	Cauchy-Kowalewskaya theorem
42	Problem Solve
43	Cauchy problem of finite and infinite string
44	Example
45	Problem Solve
46	Initial boundary value problems
47	Problem Solve

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48	Semi-infinite string with a fixed end, semi-infinite string with a free end
49	Equations with non-homogeneous boundary conditions. Non-homogeneous wave equation
50	Method of separation of variables
51	solving the vibrating string problem
52	Solving the heat conduction problem
53	Problem Solve
54	Problem Solve

Name of The Faculty:	Prabir Rudra
Paper Code:	CC-9 (Unit-II) (Multivariate Calculus-II)
Lectures Allotted:	35

Lecture No.	**Proposed Topics To Be Taught**
1	Multiple integral: Concept of upper sum, lower sum
2	Problems

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3	Problems
4	Problems
5	Upper integral, lower-integral and double integral, Statement of existence theorem for continuous functions.
6	Iterated or repeated integral, change of order of integration.
7	Problems
8	Problems
9	Problems
10	Problems
11	Triple integral.
12	Problems
13	Problems
14	Cylindrical and spherical coordinates. Change of variables in double integrals and triple integrals.
15	Problems
16	Problems
17	Transformation of double and triple integrals (problems only).

18	Problems
19	Problems
20	Determination of volume and surface area by multiple integrals (problems only). Differentiation under the integral sign, Leibniz's rule (problems only).
21	Problems
22	Problems
23	Definition of vector field, divergence and curl.
24	Problems
25	Problems
26	Line integrals, applications of line integrals : mass and work.
27	Problems
28	Fundamental theorem for line integrals, conservative vector fields, independence of path.
29	Green's theorem, surface integrals, integrals over parametrically defined surfaces.
30	Problems
31	Problems
32	Stoke's theorem, The Divergence theorem.

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33	Problems
34	Problems
35	Revision

Name of The Faculty:	SUKANYA BANERJEE
Paper Code:	CC-10 (Mechanics) (Unit 1,2)
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1	Resultant force and resultant couple, Special cases.
2	Varignon's theorem, Necessary and sufficient conditions of equilibrium.
3	Solving Problem
4	Solving Problem
5	Equilibrium equations of the first, second and third kind.
6	Solving Problem

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7	Moment of a force about an axis, Varignon's theorem. Resultant force and resultant couple, necessary and sufficient conditions of equilibrium.
8	Solving Problem
9	Solving Problem
10	Equilibrium equations, Reduction to a wrench, Poinsot's central axis, intensity and pitch of a wrench, Invariants of a system of forces.
11	Solving Problem
12	Solving Problem
13	Statically determinate and indeterminate problems.
14	Solving Problem
15	Solving Problem
16	Contact force between bodies, Coulomb's laws of static Friction and dynamic friction. The angle and cone of friction, the equilibrium region.
17	Solving Problem
18	Solving Problem
19	Solving Problem
20	Workless constraints - examples, virtual displacements and virtual work. The principle of virtual work.
21	Solving Problem

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22	Solving Problem
23	Deductions of the necessary and sufficient conditions of equilibrium of an arbitrary force system in plane and space, acting on a rigid body.
24	Solving Problem
25	Solving Problem
26	Conservative force field, energy test of stability
27	Solving Problem
28	Condition of stability of a perfectly rough heavy body lying on a fixed body. Rocking stones
29	Solving Problem
30	Previous year question paper solving

Name of The Faculty:	Sukanta Bhunia
Paper Code:	CC-10- Mechanics (Particle Dynamics) (Unit-3,4,5)
Lectures Allotted:	70

Lecture No.	**Proposed Topics To Be Taught**

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1	Kinematics of a particle :velocity, acceleration, angular velocity, linear and angular momentum. Relative velocity and acceleration.
2	Expressions for velocity and acceleration in case of rectilinear motion andplanar motion - in Cartesian and polar co-ordinates,
3	Solving Problems
4	Solving Problems
5	Solving Problems
6	Tangential and normal components.
7	Solving Problems
8	Uniform circular motion.
9	Solving Problems
10	Solving Problems
11	Newton laws of motion and law of gravitation : Space, time, mass, force, inertial reference frame, principle of equivalence and g.
12	Solving Problems
13	Vector equation of motion.
14	Solving Problems
15	Solving Problems

16	Work, power, kinetic energy, conservative forces - potential energy.
17	Existence of potential energy function. Energy conservation in a conservative field.
18	Stable equilibrium and small oscillations:
19	Solving Problems
20	Solving Problems
21	Approximate equation of motion for small oscillation. Impulsive forces
22	Solving Problems
23	Solving Problems
24	Solving Problems
25	Solving Problems
26	Rectilinear motion in a given force field - vertical motion under uniform gravity, inverse square field, constrained rectilinear motion, vertical motion under gravity in a resisting medium, simple harmonic motion,
27	Rectilinear motion in a given force field - vertical motion under uniform gravity, inverse square field, constrained rectilinear motion, vertical motion under gravity in a resisting medium, simple harmonic motion,
28	Solving Problems
29	Solving Problems
30	Damped and forced oscillations, resonance of an oscillating system, motion of elastic strings and springs.

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31	Damped and forced oscillations, resonance of an oscillating system, motion of elastic strings and springs.
32	Solving Problems
33	Solving Problems
34	Solving Problems
35	Motion of a projectile in a resisting medium under gravity, orbits in a central force field, Stability of nearly circular orbits.
36	Motion under the attractive inverse square law, Kepler's laws on planetary motion.
37	Solving Problems
38	Solving Problems
39	Solving Problems
40	Slightly disturbed orbits, motion of artificial satellites. Constrained motion of a particle on smooth and rough curves.
41	Solving Problems
42	Equations of motion referred to a set of rotating axes.
43	Solving Problems
44	Motion on a smooth sphere, cone, and on any surface of revolution.
45	Solving Problems

46	Solving Problems
47	Many particles system.Linear momentum, linear momentum principle, motion of the centre of mass, conservation of linear momentum.
48	Solving Problems
49	Solving Problems
50	Solving Problems
51	Moment of a force about a point, about an axis. Angular momentum about a point, about an axis.
52	Solving Problems
53	Solving Problems
54	Angular momentum principle about centre of mass. Conservation of angular momentum (about a point and an axis).
55	Solving Problems
56	Impulsive forces.
57	Solving Problems
58	Solving Problems
59	Configurations and degrees of freedom of a multi-particle system, energy principle, energy conservation.
60	Solving Problems

61	Solving Problems
62	Solving Problems
63	Rocket motion in free space and under gravity, collision of elastic bodies. The two-body problem.
64	Solving Problems
65	Solving Problems
66	Solving Problems
67	Previous year questions solving
68	Previous year questions solving
69	Revision
70	Revision

Name of The Faculty:	Bappa Mondal
Paper Code:	SEC-B (Scientific computing with SageMath & R)
Lectures Allotted:	30

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Lecture No.	Proposed Topics To Be Taught
1	Introduction to SageMath, Installation Procedure, Use of SageMath as a Calculator.
2	Numerical and symbolic computations using mathematical functions such as square root, trigonometric functions, logarithms, exponentiations etc.
3	Numerical and symbolic computations using mathematical functions such as square root, trigonometric functions, logarithms, exponentiations etc.
4	Graphical representations of few functions through plotting in a given interval, like plotting of polynomial functions, trigonometric functions,
5	Graphical representations of few functions through plotting in a given interval, like plotting of polynomial functions, trigonometric functions,
6	Plots of functions with asymptotes, superimposing multiple graphs in one plot like plotting a curve along with a tangent on that curve (if it exists), polar plotting of curves.
7	Plots of functions with asymptotes, superimposing multiple graphs in one plot like plotting a curve along with a tangent on that curve (if it exists), polar plotting of curves.
8	Plots of functions with asymptotes, superimposing multiple graphs in one plot like plotting a curve along with a tangent on that curve (if it exists), polar plotting of curves.
9	SageMath commands for differentiation, higher order derivatives.
10	Plotting f(x) and f0 (x) together, integrals, definite integrals etc.
11	Plotting f(x) and f0 (x) together, integrals, definite integrals etc.
12	Introduction to Programming in Sage Math, relational and logical operators
13	Conditional statements.
14	Loops and nested loops.

15	Without using inbuilt functions write programs for average of integers, mean, median, mode.
16	Without using inbuilt functions write programs for factorial, checking primes, checking next primes.
17	Without using inbuilt functions write programs for finding all primes in an interval, finding gcd, lcm, finding convergence of a given sequence.
18	Use of inbuilt functions that deal with matrices, determinant.
19	Use of inbuilt functions that deal with inverse of a given real square matrix (if it exists)
20	Solving a system of linear equations.
21	Finding roots of a given polynomial.
22	Solving differential equations.
23	Solving differential equations.
24	Practice of Some hands-on examples.
25	Practice of Some hands-on examples.
26	Practice of Some hands-on examples.
27	Practice of Some hands-on examples.
28	Previous year question paper solving.
29	Previous year question paper solving.

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30	Previous year question paper solving.

Name of The Faculty:	Sirsendu Karmakar
Paper Code:	CC4-GE4 (Unit-1, Algebra-II)
Lectures Allotted:	10

Lecture No.	**Proposed Topics To Be Taught**
1	Introduction of Group Theory : Definition and examples taken from various branches (example from number system, roots of Unity, 2×2 real matrices, non singular real matrices of a fixed order)
2	Elementary properties using definition of Group. Definition and examples of sub- group - Statement of necessary and sufficient condition and its applications.
3	Definitions and examples of (i) Ring, (ii) Field, (iii) Sub-ring, (iv) Sub- field.
4	Concept of Vector space over a Field : Examples, Concepts of Linear combinations, Linear dependence and independence of a finite number of vectors, Sub- space, Concepts of generators and basis of a finite dimensional vector space. Problems on formation of basis of a vector space
5	Real Quadratic Form involving not more than three variables
6	Characteristic equation of square matrix of order not more than three determination of Eigen Values and Eigen Vectors (problems only). Statement and illustration of Cayley-Hamilton Theorem.
7	Revision problems
8	Revision problems

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9	Revision problems
10	Revision problems

Name of The Faculty:	SUKANYA BANERJEE
Paper Code:	GE-4/CC-4 Unit-2 Computer Science & Programming **(GENERAL)**
Lectures Allotted:	30

Lecture No.	**Proposed Topics To Be Taught**
1	Historical Development, Computer Generation, Computer Anatomy Different Components of a computer system. Operating System, hardware and Software.
2	Historical Development, Computer Generation, Computer Anatomy Different Components of a computer system. Operating System, hardware and Software.
3	Positional Number System. Binary to Decimal
4	Decimal to Binary.Other systems
5	Decimal to Binary.Other systems
6	Decimal to Binary.Other systems

7	Binary Arithmetic. Octal, Hexadecimal, etc
8	Binary Arithmetic. Octal, Hexadecimal, etc
9	Solving Problem
10	Solving Problem
11	Solving Problem
12	Storing of data in a Computer - BIT, BYTE, WORD etc.
13	Coding of a data- ASCII, etc.
14	Programming Language : Machine language, Assembly language and High level language.
15	Compiler and interpreter.
16	Object Programme and source Programme. Ideas about some HLL– e.g. BASIC, FORTRAN, C, C++, COBOL, PASCAL, etc.
17	Object Programme and source Programme. Ideas about some HLL– e.g. BASIC, FORTRAN, C, C++, COBOL, PASCAL, etc.
18	Algorithms and Flow Charts– their utilities and important features
19	Algorithms and Flow Charts– their utilities and important features
20	Ideas about the complexities of an algorithm
21	Application in simple problems

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22	FORTRAN 77/90: Introduction, Data Type– Keywords,
23	Constants and Variables - Integer, Real, Complex, Logical, character, subscripted variables
24	Fortran Expressions.
25	Solving Problem
26	Solving Problem
27	Revision
28	Revision
29	Previous year question paper solving
30	Previous year question paper solving

Name of The Faculty:	Sukanta Bhunia
Paper Code:	MTM-G-CC-4/GE4 (GENERAL)
Lectures Allotted:	25

Lecture No.	**Proposed Topics To Be Taught**

1	Elements of probability Theory
2	Random experiment, Outcome, Event, Mutually Exclusive Events, Equally likely and Exhaustive.
3	Classical definition of probability, Theorems of Total Probability,
4	Conditional probability and Statistical Independence
5	Baye's Theorem. Problems
6	Shortcoming of the classical definition
7	Axiomatic approach problems, Random Variable and its Expectation,
8	Theorems on mathematical expectation.
9	Joint distribution of two random variables.
10	Theoretical Probability Distribution Discrete
11	Continuous (p.m.f., p.d.f.) Binomial,
12	Poisson and Normal distributions and their properties.
13	Elements of Statistical Methods. Variables, Attributes. Primary data and secondary data, Population and sample.
14	Census and Sample Survey. Tabulation Chart and Diagram, Graph, Bar diagram, Pie diagram etc. Frequency Distribution Un-grouped and
15	grouped cumulative frequency distribution. Histogram, Frequency curve, Measures of Central tendencies. Averages

16	AM,; GM, HM, Mean, Median and Mode (their advantages and disadvantages).
17	Measures of Dispersions - Range, Quartile Deviation
18	Mean Deviation, Variance / S.D., Moments, Skewness and Kurtosis.
19	Sampling Theory : Meaning and objects of sampling.
20	Some ideas about the methods of selecting samples, Statistic and parameter
21	Sampling Proportion. Four fundamental distributions, derived from the normal:
22	standard Normal Distribution
23	Chi-square distribution
24	Student's distribution
25	Snedecor's F-distribution. Estimation and Test of Significance. Statistical Inference. Theory of estimation Point estimation
26	and Interval estimation. Confidence Interval / Confidence Limit. Statistical Hypothesis - Null Hypothesis and Alternative Hypothesis
27	Level of significance. Critical Region. Type I and II error. Problems.
28	Bivariate Frequency Distribution
29	Scatter Diagram, Co-relation co-efficient Definition and properties. Regression lines.
30	Problem Solve

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Name of The Faculty:	Arpita Paul
Paper Code:	SEC-B (Mathematical Logic)
Lectures Allotted:	100

Lecture No.	**Proposed Topics To Be Taught**
1	Introduction, propositions.
2	Definition of truth table, negation, conjunction and disjunction.
3	Implications, biconditional propositions, converse, contra positive and inverse propositions and precedence of logical operators.
4	General Notions : Formal language.
5	Object and meta language, general definition of a Formal Theory/Formal Logic.
6	Propositional Logic : Formal theory for propositional calculus.
7	Derivation, proof, theorem, deduction theorem, conjunctive and disjunctive normal forms.
8	Semantics, truth tables, tautology, adequate set of connectives.
9	Applications to switching circuits, logical consequence, consistency.

10	Maximal consistency, Leindenbaum lemma, soundness and completeness theorems, algebraic semantics.
11	Predicate Logic : First order language.
12	Symbolizing ordinary sentences into first order formulae.
13	Free and bound variables, interpretation and satisfiability.
14	Models, logical validity, formal theory for predicate calculus, theorems and derivations.
15	Deduction theorem, equivalence theorem, replacement theorem, choice rule, Prenex normal form, soundness theorem,
16	Completeness theorem, compactness theorem, First Order.Theory with equality, examples of First Order Theories (groups, rings, fields etc
17	Revision
18	Revision
19	Practice Problems.
20	Practice Problems.
21	Practice Problems.
22	Practice Problems.
23	Practice Problems.
24	Assignment Solving.

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25	Assignment Solving.
26	Assignment Solving.
27	Assignment Solving.
28	Assignment Solving.
29	Assignment Solving.
30	Assignment Solving.

TEACHING PLAN (SEM-6)

Name of The Faculty:	Ainul Haque
Paper Code:	CC-13 (Metric Space) (Unit-I)
Lectures Allotted:	40

Lecture No.	**Proposed Topics To Be Taught**

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1	Basics of Set theory, Operations on sets (Examples) and Defination with examples of metric sapce.
2	Discuss some special metric on l_p Space, C[a,b] space, Frechet's sequence space etc., and solving problems
3	Defination of open ball, open set, closed set, some examples on open set in R, R^2, R^n, C[a,b] etc.
4	Interior point, interior of a set, limit ponit, isolated point, derived set, closure point, closure of a set, some eamples. nonempty subset of a ring to be a subring
5	Properties of interior point, closure ponit, solving problems
6	Defination of exterior point, boundary point, boundary of a set, and properties of exterior point and boundary point with examples.
7	Distance of a point to a set, ditance between two sets, solving problems
8	Defination of bounded set, diameter of a set, bounded metric, solving examples
9	Defination of subspace of a metric space, proof some results, solving examples
10	Solving problems
11	Basics of sequence, defination of convergence sequence in metric space, examples of convergence and non-convergence sequence, cauchy sequence, examples
12	Defination of bounded sequence, convergent sequence is cauchy and bounded, converse is not true with example, defination of complete metric space.
13	Subsequenec, cluster point of a sequence, exaples, defination of incomplete metric space, Q is incomplete
14	R is complete metric space (with proof), example
15	C[a,b] is comple with sup metric (with proof), eample

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16	l_p and l_infinity are comple (with proof), examples
17	Completeness on cantor's intersection theorem, solving problem
18	Solving problems
19	Basics of continuity, continuity in metric space, exaples, defination of inverse mapping, composition of continuity
20	Sequential criterion of continuity, Continuity by inverse mapping theorem (i. e. inverse image of open or closed set is open or closed respectively)
21	Uniform continuity, composition of two uniform continuity, Lipschitz condition
22	Solving problems
23	Defination of cover, subcover, compactness, examples
24	Some important theorems on compactness
25	Finite Intersection Property on compactness
26	Heine - Borel Theorem for R (Real numbers set) on compactness with examples
27	Bolzano - Weierstrass Theorem on sequential compactness
28	Continuity on compact space and some theorems
29	Solving problems
30	Defination of separated sets with exaples, examples of non-sepated sets, some related theorems on separated sets.

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31	Defination of disconnected space, disconnected set, some useful results, examples
32	Defination of connected sets, examples, theorems
33	Continuity on connectedness and some theorems
34	Intermediate Value Theorem, examples
35	Defination of Connected components, examples, Path connected space
36	Solving problems on connected space
37	Contraction mappings, Banach Contraction Theoorem
38	Application to ordinary differential equations.
39	Solving problems
40	Revision

Name of The Faculty:	Bappa Mondal
Paper Code:	CC-13 (Complex analysis) (Unit-2)
Lectures Allotted:	40

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Teaching Plan : Odd Semester 2023 (June-December)	
Name of Department:	**PHILOSOPHY**

Name of The Faculty:	Dr. Saswati De Mondal
Semester	1
Paper Code	PHI-H: DSCC-1
Lectures Allotted	3 classes per week
Allotted Syllabus	Fundamentals of Philosophy: Epistemology and Ethics

Lecture No.	Proposed Topics To Be Taught
1-2	Introduction
2-4	What is Knowledge
5-6	Three principles of the verb 'to Know'
7-10	Conditions of propositional knowledge
11-13	Strong and weak senses of 'know'
14-18	Theories of origin of knowledge
19-22	Nature and scope of ethics
23-25	Branches of ethics: Normative ethics, Meta-ethics, Applied ethics
26-27	Moral and non-moral actions
28-29	Different ethical concepts
30-32	Object of moral judgment: motive and intention

Name of The Faculty:	Dr. Saswati De Mondal
Semester	3
Paper Code	PHI-A : CC 5
Lectures Allotted:	3 classes per week
Allotted Syllabus	Philosophy of mind

Lecture No.	Proposed Topics To Be Taught
1	Introduction
2-5	Psychology: Definition, nature and scope
6-11	Methods of psychology- Introspection, Extrospection and Experimentation
12-14	Sensation and perception
15-16	Gestalt Theory of perception
17	Illusion and hallucination
18-19	Learning
20-22	Thorndike's Trial and Error theory
23-24	Gestalt theory

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25-26	Pavlov's theory
27-31	Skinner's theory of Operant Conditioning

Name of the Faculty	Dr. Saswati De Mondal
Semester	5
Paper Code	PHIA CC 11
Lectures Allotted:	3 classes per week
Allotted Syllabus	Nyaya Logic and Epistemology

Lecture No.	Proposed Topics To Be Taught
1	Introduction
2-4	Definition of Pratyaksa
5-6	Two-fold division of Pratyaksa
7	Evidence of the actuality of nirvikalpaka pratyaksa
8-9	Sannikarsa and it's six varieties
10	Problem of transmission of sound
11-12	Claim of Anupalabdhi as a distinctive Pramana

Name of the Faculty	Dr. Saswati De Mondal
Semester	5
Paper Code	PHIA CC 12
Lectures Allotted:	3 classes per week
Allotted Syllabus	Ethics -Indian

Lecture No.	Proposed Topics To Be Taught
1	Introduction
2-5	Buddhist Ethics: Pancasila
6-8	Brhamvihara bhavna, Anubrata, Mahabrata and Ahimsa
9-11	Jaina Ethics: Anubrata, Mahabrata
12-15	Mimamsa Ethics : Different types of Karma
16-17	Vidhi and Nisedha

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TEACHING PLAN ODD SEM 2023 (JUNE-DECEMBER

ASUTOSH COLLEGE	
Name of Department:	**PHILOSOPHY**

Name of The Faculty:	Dr. RINA KAR (DUTTA)
Semester	1
Paper Code:	PHIM: CC1
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1	Nature of Philosophy
2-3	Commonsense, Science and Philosophy
4-6	Different branches of Philosophy
7-8	Substance: general Introduction
9-10	Rationalist view of substance
11-12	Empiricist view of substance
13	Notion of causal relation
14-15	The rationalist view of causality
16-17	The empiricists view of causality

Name of The Faculty:	Dr. RINA KAR (DUTTA)
Semester	3
Paper Code:	PHI-A-CC-6
Lectures Allotted:	3 Classes / Week

Lecture No.	Proposed Topics To Be Taught
1-2	**CC-6: Social political Philosophy**: Introduction
3-4	Nature and scope of Philosophy of Social Philosophy
5-6	Nature and scope of Philosophy of Political Philosophy
7	Theories regarding the relation between individual and society
8	Individualistic Theory
9	Organic Theory
10	Idealist theory
11	Secularism-its nature
12	Secularism-in India
13	Social change: Nature, Relation to Social Progress
14	Marx-Engles on social change
15-16	Gandhi on social change
17	Political Ideas
18	Nature of Democracy and its forms,
19-20	Democracy as political ideals
21-22	Direct and Indirect Democracy
30	Liberal Democracy
31	Socialism: Utopian and Scientific,
32	Anarchism

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Name of The Faculty:	Dr. RINA KAR (DUTTA)
Semester	5
Paper Code:	PHI-A-DSE-B(1)
Lectures Allotted:	3 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1-5	Of the Different Species of Philosophy
6-9	Of the Origin of Ideas
10-14	Of the Association of Ideas
15-20	Sceptical Doubts Concerning Operations of the Understanding
21-26	Sceptical Solutions of These Doubts
27-31	On Probability

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TEACHING PLAN FOR ODD SEMESTER, JUNE-DECEMBER 2023

ASUTOSH COLLEGE	
Name of the Department	**PHILOSOPHY**

Name of the Faculty	**Dr. Chandrima Bhar**
Semester	**1**
Paper Code	**PHI-MD SEC: Recent Issues in Philosophy: Political and Ethical**
Lectures Allotted	**2 classes every week**

No. of Lectures	Proposed Topics To Be Taught
1	**B. Feminist Ethics**: Androcentrism in Philosophy
2-4	Feminist Movement-Feminist Consciousness
5-6	Liberal and Radical Feminism and a comparison between the two
7-9	**A.Human Rights**: Theory of Justice-John Rawls
10-12	Idea of Justice- Amartya Sen

Name of the Faculty	**Dr. Chandrima Bhar**
Semester	**1**
Paper Code	**PHI-H-SEC- Man and Nature**
Lectures Allotted	**2 classes every week**

No. of Lectures	Proposed Topics To Be Taught
1	Intoduction
2	The meaning of the word Nature
3-4	Narrow and Broad sense of Nature
5-6	Attitude Towards Nature
7	What is meant by the Classical Indian Attitude towards Nature
8-9	The Upanisadic world-view about Nature
10-12	Tagore’s Understanding of Nature
13-14	The Post-Upanisadic view of Nature
15	Why we need to respect Nature

16	Bio-centric outlook to Nature
17-18	Ethical standards and riles that follow from the attitude of respect to Nature
19	The idea of inherent worth of Nature

Name of the Faculty	**Dr. Chandrima Bhar**
Semester	**3**
Paper Code	**CC-5 (Philosophy of Mind)**
Lectures Allotted	**3 classes every week**

No. of Lectures	**Proposed Topics To Be Taught**
1	What is the relation between mind and body and philosophical theories of mind
2-4	Interactionism
5-6	Double-aspect theory
7	Philosophical Behaviourism
8-9	Materialism and the mind-brain identity theory
10	The Person theory (Strawson)
11-12	Consciousness and mind, what are the levels of mind
13	Conscious
14	Sub-conscious
15	Unconscious
16	Proofs for the existence of the Unconscious
17-19	Freud's theory of Dream
20	What is Intelligence
21-22	Measurment of Intelligence and I.Q.
23	How is Intelligence measured
24-25	Binet-Simon test
26	What is personality
27-28	Types of Personality
29-30	Factors and Traits of personality

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Name of the Faculty	**Dr. Chandrima Bhar**
Semester	**5**
Paper Code	**CC-12 (Ethics-Indian)**
Lectures Allotted	**2 classes every week**

No. of Lectures	Proposed Topics To Be Taught
1	Indian Ethics: concerns and pre-suppositions
2-3	Concept of Sthitapranjna
4	What is meant by Karmayoga (as in Gita)
5-6	The Purusharthas and their inter-relations
7	What is Dharma
8-9	Concepts of Rna and Rta
10	Classifiocation of Dharma: sadharana dharma and asadharana dharma
11	What is meant by Varnasrama dharma
12-13	Vidhi and Nisedha

Name of the Faculty	**Dr. Chandrima Bhar**
Semester	**5**
Paper Code	**PHI-A-DSE-B(1)**
Lectures Allotted	**2 classes every week**

No. of Lectures	Proposed Topics To Be Taught
4-6	Chapter-7 (Of the Idea of Necessary Connection)
6-8	Chapter-8 (Of Liberty and Necessity)
9	Chapter-9 (Of the Reason of Animals)
10-11	Chapter-10 (Of Miracles)
12-13	Chapter-11 (Of a Particular Providence and Of a Future State
14	Chapter-12 (Of the Academical or Sceptical Philosophy)

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ASUTOSH COLLEGE	
Name of Department	**PHILOSOPHY**

Name of the Faculty	DOLY SHOW
Semester	1
Paper Code	PHI-H: SEC
Lectures Allotted	3 classes/week
Alloted Syllabus	Man and Nature

Lecture No.	**Proposed Topics To Be Taught**
1-3	Moore's talk of intrinsic properties
4-6	Chisholm's idea of intrinsic value
7-9	Attfield on the intrinsic value of nature
10-12	Callicott's idea of intrinsic value of nature
13-16	Rolston-III on intrinsic value of nature
17-20	Intrinsic value: Subjective and Objective value
21-25	Deep Ecology and its Third World Critique
26-29	Arne Naess on Deep Ecology
30-33	Ramchandra Guha's critique of Deep Ecology

Name of the Faculty	DOLY SHOW
Semester	1
Paper Code	PHI-MD: SEC
Lectures Allotted	2 classes/week
Alloted Syllabus	Recent Issues in Philosophy

Lecture No.	Proposed Topics To Be Taught
1-3	General Idea of Human Rights
4-8	Human Rights: Its Origin and Development during Ancient Period, Modern Period and Contemporary Period
9-12	Nature and Value of Human Rights
13-16	Discrimination on the basis of Race, Caste and Religion
17-19	The Sex/Gender Dichotomy
20-22	Three forms of Gender Discrimination: Sexism

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23	Patriarchy
24-25	Androcentrism or Phallocentrism

Name of the Faculty	DOLY SHOW
Semester	3
Paper Code	PHI-A-CC-6
Lectures Allotted	3 classes/week
Alloted Syllabus	Social and Political Philosophy

Lecture No.	**Proposed Topics To Be Taught**
1-3	Nature and Scope of Social and Political Philosophy
4-5	Relation between Social and Political Philosophy
6-7	Society
8-9	Community
10-11	Association
12-13	Institution
14-15	Family: nature
16-17	Different forms of Family
18-19	Role of family in the society
20-21	Social Class and Caste
22-24	Principles of class and caste
25-29	Marxist Conception of class
30-32	Varnasrama Dharma

Name of the Faculty	DOLY SHOW
Semester	3
Paper Code	PHI-G-CC-3
Lectures Allotted	2 classes/week
Alloted Syllabus	Western Logic

Lecture No.	Proposed Topics To Be Taught
1-2	Sentence
3-4	Proposition
5-6	Argument
7-8	Truth and Validity

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9	Aristotelian classification of categorical propositions
10-11	Distribution of terms
12-13	Existential Import
14	Boolean interpretation
15	Immediate Inference
16-17	Immediate inference based on the square of opposition
18-20	Conversion, Obversion and Contraposition
21-22	Categorical Syllogism: Figure, Mood
23	Rules for validity
24-26	Venn Diagram method of testing validity, fallacies

Name of the Faculty	DOLY SHOW
Semester	5
Paper Code	PHI-A-CC-11
Lectures Allotted	3 classes/week
Alloted Syllabus	Nyaya Logic and Epistemology-I

Lecture No.	**Proposed Topics To Be Taught**
1-3	Definition of Buddhi or Jnana, its two kinds
4-6	Definition of smiti, two kinds of smiti
7-10	Definition of anubhava, its division into veridical and non-veridical
11-13	Three kinds of non-veridical anubhava
14-16	Four fold division of prama and pramana
17-20	Definition of Karana and Karana (General causal condition)
21-24	The concept of anyathasiddhi and its varieties
25-27	The definition of Karya (effect)
28-30	Kinds of cause: Samavayi
31	Asamavayi Karana
32-33	Nimitta Karana (Definition and Analysis)

Name of the Faculty	DOLY SHOW
Semester	5

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Paper Code	PHI-G-DSE-A(b)
Lectures Allotted	1 class/week
Alloted Syllabus	Social and Political Philosophy

Lecture No.	**Proposed Topics To Be Taught**
1-2	Relation between Social Philosophy and Political Philosophy
3-5	Society, Community
6-8	Association, Institution
9	Family
10-11	Principles of Class and Caste
12-13	Marxist conception of class
14-16	Class Attitudes and Class Consciousness

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TEACHING PLAN JUNE-DECEMBER-2023

Name of Department:	**PHILOSOPHY**

Name of The Faculty:	SARBANI ROY
Paper Code:	PHI MD: CC1
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1-5	Nature of Philosophy
6-10	Commonsence,Science and Philosophy.
11-15	Branches of Philosophy
16-20	Substance:Rationalist view,Empiricist view
21-24	Causality: Empiricist view,Rationlist view

Name of The Faculty:	SARBANI ROY
Paper Code:	PHI-A-CC-7 & PHI-A-SEC-A(2)
Lectures Allotted:	2 Classes / Week

Lecture No.	Proposed Topics To Be Taught
	CC-7: Philosophy of Religion: Introduction
1-3	Nature and scope of Philosophy of Religion
4-6	Arguments for the existence of God
7-10	Cosmological,Teleological ,Ontological,Nyaya argument
11-15	Grounds for disbelief in God:Sociological,Freudien,Carvaka,Bouddha,Jaina views
16-20	The peculiarity of religious language
	SEC-A(2) Man and Environment - Introduction
21-25	Classical Indian attitude to environment
26-30	Respect for nature

Name of The Faculty:	SARBANI ROY
Paper Code:	PHI-G-SEC-A(1)
Lectures Allotted:	1 Class/Week

Lecture No.	Proposed Topics To Be Taught
	SEC-A(1) **LOGICAL REASONIND AND APPLICATION** : Introduction
1-4	Fallacy of relevance,ambiguity,weak induction
5-8	Inductive reasoning in law
9-12	Deductive reasoning in law

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Name of The Faculty:	SARBANI ROY
Paper Code:	PHI-A-DSE-A(1)a
Lectures Allotted:	3 classes/week

Lecture No:	Proposed Topics To Be Taught
	Western Logic-1
1-10	Symbolic Logic:I.M.Copi C.P (Conditional proof)
11-20	I.P (Indirect proof)
21-30	Formal Logic-Its scope and limits R.J.Jeffery-Truth tree method
31-35	Truth tree method,Exercises

Name of The Faculty:	SARBANI ROY
Paper Code:	PHI-G-DSE Ab) , SEC-A1
Lectures Allotted:	2 classes/week

Lecture No:	Proposed Topics To Be Taught
1-10	Social codes,Custom and law,Culture and civilisation
11-16	Social changes:Marx ,Gandhi,Political ideas Democracy,Socialism
17-20	Fallacy of relevance,ambiguity,weak induction
21-25	Inductive reasoning in law, Deductive reasoning in law

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Name of Department:	**PHILOSOPHY**

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI MD: CC1
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1	Introduction: Epistemology
2	Different senses of 'Know'.
3	Condition of propositional knowledge
4	Strong and weak senses of "know"
5	Theory of origin of knowledge: Rationalism
6	Innate ideas and its refutation
7	Rationalism: an overview
8-11	Empiricism: Locke, Berkeley, Hume
12	Kant's Critical Theory
11	Nature and scope of ethics
12-13	Branches of ethics
14-15	Moral and non-moral actions
16-17	Object of moral judgement

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI-A-CC-7 & PHI-A-SEC-A(2)
Lectures Allotted:	2 Classes / Week

Lecture No.	Proposed Topics To Be Taught
1-2	**CC-7: Philosophy of Religion**: Introduction
3-4	Nature and scope of Philosophy of Religion
5-6	Doctrine of karma and rebirth
7	The conception of reincarnation and liberation in Hindu Vedantic Philosophy
8	Doctrine of liberation according to Jainas
9	Rebirth and liberation in Buddhist Philosophy
10	Introduction to Islamic Religion
11	The five Pillars of Islam
12	God the ultimate Reality and attributes of God
13	God's relation to the world and man
14	Christianity: Introduction
15-16	Some basic tenets of Christianity
17	The doctrine of Trinity
18	Theory of Redemption
19-20	Religious Pluralism,
21-22	Inter-religious dialogue and possibility of Universal Religion
23	**SEC-A(2) Man and Environment - Introduction**

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24	Moore's talk of 'intrinsic properties' and Chilsom's idea of intrinsic value
25	Attfield on the intrinsic value of nature, Callicott's idea of intrinsic value of nature
26	Rolston III on intrinsic value of nature and intrinsic value and objective value
27	Arne Naess on Deep Ecology
28	Arne Naess on Deep Ecology
29	Ramchandra Guha's critique of Deep Ecology
30	Understanding nature and the feminine
31	Dualisms in Western tradition
32	Masculinity, humanity and nature

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI-G-GE-3/CC-3 & PHI-G-SEC-A(1)
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1	Western Logic : Introduction
2	Modern logic and its symbols
3-4	Different kinds of Propositions
5	Tautology, Contradiction, Contingent statement forms
6	Equivalence: material and logical
7-10	Using truth-tables for testing the validity of arguments and statement forms
11-13	Mill's methods of experimental inquiry
14	SEC-A(1) **LOGICAL REASONIND AND APPLICATION** : Introduction
15	Definitions: Pakṣa, sādhya, hetu, sapakṣa and Vipakṣa
16	Construction of kevalānvayī, kevalavyātirekī anvayvyātirekī anumiti
17	svārthānumiti and parārthānumiti
18	Pañcāvayavi Nyāya
19-21	Hetvābhāsa and its different kinds

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI-A-DSE-A(1)a
Lectures Allotted:	3 classes/week

Lecture No:	Proposed Topics To Be Taught
1	W.V.O. Quine: Methods of Logic (third edn.): Introduction
2-4	Chapter: 18
5-7	Chapter: 19
8-10	Chapter: 21
11	D. P. Suppes: Introduction to Logic (Indian edn.) Chapter: 9

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12-13	9.2 Membership and 9.3 Inclusion
14-16	Exercises
17-19	9.4 The Empty Set and 9.5 Operation of Sets
20	9.6 Domains of Individuals
21-22	9.7 Translating Everyday Language
23-24	Exercises

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI-G-SEC-A(1)
Lectures Allotted:	1 class/week

Lecture No:	Proposed Topics To Be Taught
1	Logical Reasoning and Application : Introduction
2-3	Definitions: Pakṣa, sādhya, hetu, sapakṣa and Vipakṣa
4	kevalānvayī, kevalavyātirekī anvayvyātirekī anumiti
5	svārthānumiti and parārthānumiti
6	Pañcāvayavi Nyāya
7-12	Hetvābhāsa and its different kinds

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ASUTOSH COLLEGE

Name of Department: PHILOSOPHY

Name of the Faculty: DOLY SHOW

Paper Code: SEC: RECENT ISSUES IN PHILOSOPHY: POLITICAL AND ETHICAL

Lecture Allotted: 3 classes per week

Lecture No.	Proposed Topic to be Taught
1-2	General Idea of Human Rights
3-6	Its Origin and Developing during Ancient period, Modern Period and Contemporary Period
7-9	Normative Justification of Human Rights
10-13	Nature and Value of Human Rights
14-17	Discrimination on the basis of Race, Caste and Religion
18-20	Concepts of Justice and Equality
21-24	Theory of Justice- John Rawls
25-28	Idea of Justice- Amartya Sen

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Name of Department: PHILOSOPHY

Name of the Faculty: DOLY SHOW

Paper Code: PHI MD: CC2 (Outlines of Indian Philosophy)

Lecture Allotted: 2 classes per week

Lecture No.	Proposed Topic to be Taught
1-3	Indian Philosophy: A Historical Overview
4-6	Rise of different Philosophical Systems
7-10	Common Characteristics of different systems of Indian Philosophy
11-14	Concepts of Vedas and the Upanisads: Rta, Rna
15-17	The reality of the world

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Name of the Faculty: Dr. Saswati De Mondal

Paper Code: DSCC-2 (Outlines of Indian Philosophy)

Lecture Allotted: 2 classes per week

Lecture No.	**Proposed Topic to be Taught**
1-2	Introduction to Indian Philosophy
3-6	The Law of Karma
7-10	The reality of Self
11-14	Liberation of the Self
15-18	Meaning of Dharma
19-24	Classification of Dharma
25-27	Concluding Remarks

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Name of Department:	**PHILOSOPHY**

Name of The Faculty:	SUKLA NATH
Paper Code:	PHI MD: CC2
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1	Introduction
2-5	The Law of karma
6-8	The reality of Self
9-12	Liberation of the Self
13	Meaning of Dharma
14	Sadharana Dharma
15	Asadharana Dharma
16	Varnasrama Dharma

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Name of The Faculty:	DR. RINA KAR (DUTTA)
Paper Code:	PHI-H: DSCC-2
Lectures Allotted:	2 Classes/Week

Lecture No.	Proposed Topics To Be Taught
1-3	Introduction
4-6	Indian Philosophy: A Historical review
7-9	Rise of Different Philosophical Systems
10-20	Common Characteristics of Different Systems of Indian Philosophy
16-20	Concepts of Vedas and Upanishads: Rta and Rna
21-26	The reality of the world

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Name of Department:	**HISTORY**

Name of The Faculty:	SUBHASRI GHOSH
Paper Code:	H CC-1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--3	ORIGIN, SETTLEMENT PATTERN, TOWN PLANNING OF HARAPPAN CIVILISATION
4--6	AGRARIAN BASE, CRAFT PRODUCTION AND TRADE
7---8	SOCIAL AND POLITICAL ORGANISATIONS
9	RELIGIOUS BELIEF
10--12	DECLINE

Name of The Faculty:	AMINUDDIN SEIKH
Paper Code:	H CC-1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	PALEOLITHIC CULTURE: SEQUENCE AND DISTRIBUTION
3	PALEOLITHIC CULTURE: NEW DEVELOPMENTS IN TECHNOLOGY
4	MESOLITHIC CULTURE: REGIONAL AND CHRONOLOGICAL DISTRIBUTION
5--9	MESOLITHIC CULTURE: NEW DEVELOPMENTS IN TECHNOLOGY, ECONOMY, ROCK ART
10--13	NEOLITHIC CULTURE
14--15	CHALCOLITHIC CULTURE

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	H CC-1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	EARLY INDIAN NOTIONS OF HISTORY: ORIENTALIST, IMPERIALIST
7--8	NATIONALIST, MARXIST, SUBALTERN HISTORIOGRAPHY
9--10	SOURCES AND TOOLS OF HISTORICAL RECONSTRUCTION
11--12	LITERARY AND ARCHAEOLOGICAL SOURCES
13--14	HISTORICAL INTERPRETATIONS
15--16	GENDER, ENVIRONMENT, REGIONAL HISTORY, IMPACT OF TECHNOLOGICAL FACTORS

Name of The Faculty:	SOUMITA ROY
Paper Code:	H CC-1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--4	SETTLEMENT PATTERNS
5--6	TECHNOLOGICAL AND ECONOMIC DEVELOPMENTS
7--9	SOCIAL STRATIFICATION
10--13	POLITICAL RELATIONS
14--17	THE ARYAN PROBLEM
18--20	RELIGION AND PHILOSOPHY
21--26	NORTH INDIA
27--30	CENTRAL INDIA AND DECCAN

Name of The Faculty:	TANIYA ROY
Paper Code:	SEC 1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	DEFINITION, HISTORY OF DEVELOPMENT OF ARCHIVES AND MUSEUMS WITH REFERENCE TO INDIA
2	UNDERSTANDING THE TRADITION OF PRESERVATION IN INDIA
3	COLLECTION POLICIES, ETHICS AND PROCEDURES
4	DOCUMENTATION
5--6	MUSEUM PRESENTATION AND EXHIBITION WITH SPECIAL REFERENCE TO SPECIFIC MUSEUMS
7--9	ROLE OF ARCHIVES AND MUSEUMS IN DISSEMINATING INFORMATION AND MOULDING THE SOCIETY
10--11	VISIT TO A MUSEUM IN KOLKATA AND REPORT WRITING

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	MDC
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	RECONSTRUCTING EARLY INDIAN HISTORY
7--10	HUNTER GATHERERS AND THE ADVENT OF FOOD PRODUCTS
11--12	REVISION AND REMEDIAL

Name of The Faculty:	SOUMITA ROY
Paper Code:	m1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	RECONSTRUCTING EARLY INDIAN HISTORY
7--10	HUNTER GATHERERS AND THE ADVENT OF FOOD PRODUCTS
11--12	REVISION AND REMEDIAL

Name of The Faculty:	TANIYA ROY
Paper Code:	MDC
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	HARAPPAN CIVILISATION
7--10	CULTURES IN TRANSITION
11--12	REVISION AND REMEDIAL

Name of The Faculty:	AMINUDDIN SEIKH
Paper Code:	m1
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	HARAPPAN CIVILISATION
7--10	CULTURES IN TRANSITION

11--12	REVISION AND REMEDIAL

Name of The Faculty:	TANIYA ROY
Paper Code:	HIS SEC 1
Lectures Allotted:	3 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	DEFINITION, HISTORY OF DEVELOPMENT OF ARCHIVES AND MUSEUMS WITH REFERENCE TO INDIA
2	UNDERSTANDING THE TRADITION OF PRESERVATION IN INDIA
3	COLLECTION POLICIES, ETHICS AND PROCEDURES
4	DOCUMENTATION
5--6	MUSEUM PRESENTATION AND EXHIBITION WITH SPECIAL REFERENCE TO SPECIFIC MUSEUMS
7--9	ROLE OF ARCHIVES AND MUSEUMS IN DISSEMINATING INFORMATION AND MOULDING THE SOCIETY
10--11	VISIT TO A MUSEUM IN KOLKATA AND REPORT WRITING

Name of The Faculty:	TAPTI DE
Paper Code:	HIS IDC
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--4	GANDHIAN MOVEMENTS
5--8	ROAD TO INDEPENDENCE AND PARTITION
9--12	CHALLENGES OF COMMUNALISM
13--14	CONSTITUTIONAL FORMULAS
15--18	IMPACT OF PARTITION ON INDIAN SOCIETY AND CULTURE
19--21	EVOLUTION OF PARLIAMENTARY DEMOCRACY
22--25	INDIA'S FOREIGN POLICY IN THE NEHRUVIAN ERA

SEMESTER III

Name of The Faculty:	SUBHASRI GHOSH
Paper Code:	CC 5
Lectures Allotted:	4 CLASSES PER WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	URBANIZATION
3--7	MARITIME TRADE
7--10	INTER-REGIONAL TRADE
10--14	FORMS OF EXCHANGE, MERCHANT GUILDS OF SOUTH INDIA

Name of The Faculty:	TANIYA ROY
Paper Code:	CC 5
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	SOURCES
2	DEBATE ON INDIAN FEUDALISM
3	RASHTRAKUTAS
4	PALAS
5	PRATIHARAS
6	RAJPUTISATION
7	CHOLA'S POLITICAL HISTORY
8	BRAHMANAS AND TEMPLES
9	ROYAL GENEALOGIES AND RITUALS
10	ARAB CONQUEST
11	AGRICULTURAL EXPANSION
12	LANDLORDS AND PEASANTS
13	PROLIFERATION OF CASTE
14	TRIBES AS PEASANTS
15	TURKISH INVASION

Name of The Faculty:	SOUMITA ROY
Paper Code:	CC 5
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	BHAKTI TRADITION
3--5	TANTRIC AND PURANIC TRADITIONS
6--7	BUDDHISM
8--9	JAINISM
10--13	POPULAR RELIGIOUS CULTS
14	ISLAMIC INTELLECTUAL TRADITIONS
15--16	AL-BIRUNI
17--18	AL- HUJWIRI
19--29	REGIONAL LANGUAGE AND LITERATURE
30--33	REGIONAL ARCHITECTURE--NAGARA, DRAVIDA, VESARA

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	CC 6
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	SHIFT OF ECONOMIC BALANCE; ANTWERP, AMSTERDAM,
3--4	COMMERCIAL REVOLUTION: BACKGROUND, NATURE, FEATURE, IMPACT
5--6	PRICE REVOLUTION: CAUSES, FEATURES, IMPACT. WAS THERE REALLY A PRICE REVOLUTION?
7--8	AGRICULTURAL REVOLUTION,
9--10	DEFINITION AND BACKGROUND, EMERGENCE OF EUROPEAN STATE SYSTEM IN ENGLAND, FRANCE AND GERMANY
11--12	THIRTY YEAR'S WAR; TREATY OF WESTPHALIA; IMPACT
13	REVISION

Name of The Faculty:	TAPTI DE
Paper Code:	CC 6
Lectures Allotted:	5 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1----4	TRANSITION DEBATE: FROM FEUDALISM TO CAPITALISM
5----10	THE EXPLORATION OF THE NEW WORLD: PORTUGUESE AND SPANISH VOYAGES: MOTIVES AND IMPACT
11----12	RENAISSANCE: SOCIAL ROOTS
13----16	BIRTH PLACE OF RENAISSANCE WITH SPECIAL REFERENCE TO FLORENCE (ITALY)
17----20	PHASESOF HUMANISM: REDISCOVERY OF CLASSICS
21-----24	RENAISSANCE ART
25-----30	MACHIAVELLI
31-----36	REFORMATION MOVEMENT: ORIGIN AND CAUSES

37----42	LUTHER: CONTRADICTIONS IN LUTHERANISM
43 ----44	CALVIN: CALVINISM
45----48	RADICAL REFORMATION: ANABAPTISM, HUGUENOTS
49----52	ENGLISH REFORMATION: AN ACT OF STATE--DEBATE
53---55	COUNTER-REFORMATION

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	CC 7
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1--4	IQTA SYSTEM; DEFINITION, FEATURES, EVOLUTION. REVENUE FREE GRANTS
5--7	TECHNOLOGICAL DEVELOPMENTS DURING THE DELHI SULTANATE, CONTRIBUTIONS OF TURKS
8--10	AGRICULTURAL PRODUCTION DURING DELHI SULTANATE, REVENUE SYSTEMS, MONETIZATION
11--12	MARKET REGUALTIONS INTRODUCED BY ALAUDDIN KHILJI, CHANGES IN RURAL SOCIETY
13--14	URBANIZATION IN MEDIEVAL INDIA; GROWTH OF URBAN CENTRES
15--17	TRADE AND COMMERCE DURING DELHI SULTANATE; INDIAN OCEAN TRADE

Name of The Faculty:	AMINUDDIN SEIKH
Paper Code:	CC 7
Lectures Allotted:	4 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	INTERPRETING THE DELHI SULTANATE
2--4	SURVEY OF SOURCES
5--9	SULTANATE POLITICAL STRUCTURE: FOUNDATION AND CONSOLIDATION OF POWER
	KHALJIS AND TUGHLUQS
	MONGOL THREAT
	SYEDS AND LODIS
10--11	THEORIES OF KINGSHIP
12	BATTLE OF PANIPAT
13--15	BAHMANIS, VIJAYANAGARA, GUJARAT, MALWA, JAUNPUR, BENGAL
16--20	ART, ARCHITECTURE, LITERATURE
21--24	RELIGION AND CULTURE: BHAKTI AND SUFI TRADITIONS

Name of The Faculty:	TANIYA ROY
Paper Code:	SEC AI
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	DEFINITION, HISTORY OF DEVELOPMENT OF ARCHIVES AND MUSEUMS WITH REFERENCE TO INDIA
2	UNDERSTANDING THE TRADITION OF PRESERVATION IN INDIA
3	COLLECTION POLICIES, ETHICS AND PROCEDURES
4	DOCUMENTATION

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	SEC AI
Lectures Allotted:	1 CLASS PER WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	MUSEUM PRESENTATION AND EXHIBITION WITH SPECIAL REFERENCE TO SPECIFIC MUSEUMS
3--4	ROLE OF ARCHIVES AND MUSEUMS IN DISSEMINATING INFORMATION AND MOULDING THE SOCIETY
5--6	VISIT TO A MUSEUM IN KOLKATA

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	GE 3
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1--8	FOUNDATION, EXPANSION AND CONSOLIDATION OF THE DELHI SULATANATE
9--15	MILITARY, ADMINISTRATIVE AND ECONOMIC REFORMS UNDER THE KHALJIS AND TUGHLUQS
16--17	REVISION

Name of The Faculty:	SOUMITA ROY
Paper Code:	GE 3
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	BHAKTI AND SUFI MOVEMENTS
7--14	PROVINCIAL KINGDOMS
15--17	SECOND AFGHAN STATE

Name of The Faculty:	AMINUDDIN SEIKH
Paper Code:	GE 3
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	EMERGENCE AND CONSOLIDATION OF THE MUGHAL STATE
7--15	AKBAR TO AURANGZEB
16--20	ECONOMY, SOCIETY AND CULTURE UNDER THE MUGHALS

Name of The Faculty:	TANIYA ROY
Paper Code:	SEC AI GE
Lectures Allotted:	1 CLASS/WEEK

Lecture No.	Proposed Topics To Be Taught
1	DEFINING HERITAGE
2--4	UNDERSTANDING BUILT HERITAGE
5	FIELD WORK
6	REPORT WRITING

SEMESTER V

Name of The Faculty:	TAPTI DE
Paper Code:	CC 11
Lectures Allotted:	6 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--4	CAUSES OF FRENCH REVOLUTION
5--8	ARISTROCATIC AND BOURGEOIS REVOLUTION
9--10	ROLE OF PHILOSOPHERS IN FRENCH REVOLUTION

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11--14	ROLE OF WOMEN IN FRENCH REVOLUTION
15--16	REIGN OF TERROR
17--20	NATIONAL CONVENTION
21--22	CONSTITUENT ASSEMBLY
23--24	REFORMS OF NAPOLEON
25--28	CONTINENTAL SYSTEM: DECLINE OF NAPOLEON
29--32	VIENNA SETTLEMENT: CLAUSES AND IMPACT
33--34	METTERNICH SYSTEM: MOTIVES; EVALUATION
35--38	JULY REVOLUTION: CAUSES; CONSEQUENCES; REPERCUSSIONS IN EUROPE
39--42	FEBRUARY REVOLUTION: 1848; CAUSES; CONSEQUENCES; DISCUSSIONS ON CENTRAL EUROPEAN EVENT
43--48	INDUSTRIAL REVOLUTION; BRITAIN; DEBATE ON FIRST INDUSTRIAL REVOLUTION
49--52	INDUSTRIAL REVOLUTION; GERMANY, FRANCE
53--54	INDUSTRIAL REVOLUTION; RUSSIA; STATE AND PRIVATE ENTERPRISE
55	REVISION

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	CC 11
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	EVOLUTION AND ORIGIN OF SOCIAL CLASSES IN INDUSTRIAL SOCIETY, RISE OF THE BOURGEOISIE
3--4	PROLETARIAT, LAND OWNING CLASSES AND THE PEASANTRY
5--6	DIFFERENTIATION OF THE SOCIAL CLASSSES IN INDUSTRIAL SOCIETY.
7--8	CHANGING TRENDS IN DEMOGRAPHY IN INDUSTRIAL EUROPE.
9--10	URBAN PATTERNS IN INDUSTRIAL EUROPE.
11--12	FAMILY, GENDER AND PROCESS OF INDUSTRIALISATION.
13--14	INTELLECTUAL CURRENTS AND POPULAR MOVEMENTS IN GERMANY, ITALY, IRELAND, BALKANS
15--16	SPECIFICATIONS OF ECONOMIC DEVELOPMENTS IN GERMANY AND ITALY.
17--18	POLITICAL AND ADMINISTRATIVE REORGANISATION IN ITALY AND GERMANY.
19--20	PROGRAMME OF SOCIALIST RECONSTRUCTION IN RUSSIA.
21--22	SOVIET UNION DURING 1918-1939
23--24	THEORIES AND MECHANISMS OF IMPERIALISM; AGE OF IMPERIALISM DEBATE.
25--26	GROWTH OF MILITARISM WORLWIDE.
27--28	FORMATION OF POWER BLOCKS AND ALLAINCES BEFORE THE FIRST WORLD WAR
29--30	EXPANSION OF THE EUROPEAN EMPIRES PRIOR TO THE FIRST WORLD WAR
31--32	CAUSES OF THE FIRST WORLD WAR; COURSE OF THE WAR.
33--34	POST WAR EUROPE; TREATY OF VERSAILLES, TERMS, SIGNIFICANCE, LIMITATIONS.
35--36	THE PROBLEMS OF REPARATION, DAWES PLAN, YOUNG PLAN, FRENCH SEARCH FOR SECURITY.
37--38	THE GREAT DEPRESSION; BACKGROUND, EVENTS AND IMPACT.
39--40	RISE OF FACISM IN ITALY; RISE OF MUSSOLINI.
41--42	RISE OF NAZISM IN GERMANY; NAZI REVOLUTION, HITLER'S RESPONSIBILITY FOR THE SECOND WORLS WAR.
43--44	THE SPANISH CIVIL WAR; ROLE OF GREAT POWERS; INTERNATIONAL SIGNIFICANCE.
45--46	POLICY OF APPEASEMENT; RESPONSIBILITY FOR WORLD WAR.
47--48	ORIGIN AND COURSE OF SECOND WORLD WAR.
49	REVISION

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	CC 12
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	SANTHAL REBELLION: CAUSES, COURSE, CAUSES OF FAILURE, NATURE, SIGNIFICANCE.
3--4	INDIGO REBELLION; CAUSES, COURSE, SIGINIFICANCE, ROLE OF MIDDLE CLASS INTELLIGENTSIA.
5--6	PABNA AGRARIAN LEAGUE, DECCAN RIOTS.
7--8	CAUSES OF THE REVOLT OF 1857, COURSE OF THE REVOLT.
9--10	NATURE OF POPULAR PARTICIPATION.
11--12	CAUSES OF FAILURE, SIGNIFICANCE.

Name of The Faculty:	AMINUDDIN SEIKH
Paper Code:	CC 12
Lectures Allotted:	4 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	EIGHTEENTH CENTURY DEBATE
2	EXPANSION OF COLONIAL POWER: MERCANTILISM, FOREIGN TRADE
3--7	BENGAL, MYSORE, WESTERN INDIA, AWADH, PUNJAB, SINDH
8--12	ARMY, POLICE, LAW
13--18	IDEOLOGIES OF THE RAJ
19--22	EDUCATION
23--26	LAND REVENUE
27--29	COMMERCIALIZATION
30--32	RURAL SOCIETY: LAND REVENUE SYSTEM AND FOREIGN POLICY
33--35	FAMINES, PASTORAL ECONOMY, SHIFTING CULTIVATION
37--40	DEINDUSTRIALISATION, TRADE, FISCAL POLICY, DRAIN OF WEALTH, MODERN INDUSTRY

Name of The Faculty:	SUBHASRI GHOSH
Paper Code:	DSE AI
Lectures Allotted:	6 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	POLITICAL HISTORY OF BENGAL UNDER THE NAWABS, FROM PLASSEY TO BUXAR
7--9	ADMINISTRATIVE HISTORY (1765--1833)
10--15	ECONOMY--AGRICULTURE, INDUSTRY, TRADE
16--20	SOCIO-RELIGIOUS REFORM MOVEMENTS: ABOLITION OF SATI, WIDOW REMARRIAGE, YOUNG BENGAL
21--24	PROTEST MOVEMENTS
25--26	PARTITION OF BENGAL: CAUSES

Name of The Faculty:	TANIYA ROY
Paper Code:	DSE BI
Lectures Allotted:	4 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1	CHINESE FEUDALISM : SOCIAL STRUCTURE
2	OPIUM WAR
3	OPEN DOOR POLICY
4	TAIPING MOVEMENT
5	YI HO TUAN MOVEMENT
6	SELF STRENGTHENING MOVEMENT
7	HUNDRED DAYS REFORM
8	NATIONALISM IN CHINA. REVOLUTION OF 1911

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9	SUN YAT SEN
10	WARLORDISM, YUAN SHI KAI
11	MAY FOURTH MOVEMENT
12	FORMATION OF CCP,FIRST UNITED FRONT
13	COMMUNIST MOVEMENT
14	JIANGXI PERIOD AND RISE OF MAO TSE TUNG

Name of The Faculty:	SEBANTI BANDYOPADHYAY
Paper Code:	SEC A2 (GE)
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--2	ENVIRONMENT, CULTURE, TRADITION AND PRACTICES
3--4	URBANISATION AND URBANISM
5--6	SOCIAL INQUIRY AND GENDER
7--8	CULTURAL HERITAGE
9--10	CULTURAL FORMS AND EXPRESSIONS
11--12	REVISION

Name of The Faculty:	SOUMITA ROY
Paper Code:	DSE A2 (GE)
Lectures Allotted:	2 CLASSES/WEEK

Lecture No.	Proposed Topics To Be Taught
1--6	THE FRENCH REVOLUTION
7--14	NAPOLEONIC ERA AND AFTERMATH
15--17	REVOLUTIONS OF 1830 AND 1848
18--20	UNIFICATION OF ITALY AND GERMANY
21--22	SOCIAL AND ECONOMIC CHANGES
23--26	IMPERIALIST CONFLICTS: WORLD WAR I
27--30	RISE OF FASCISIM AND NAZISM
31--32	ORIGINS OF WORLD WAR II

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DEPARTMENT OF HISTORY

TEACHING PLAN (EVEN SEMESTER)

TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: TAPTI DE
PAPER: DSE A 3 HISTORY OF BENGAL (C. 1905-1947)
LECTURES ALLOTED: 6 CLASSES PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

LECTURE NO	TOPIC NAME
1-2	**SWADESHI MOVEMENT: MOTIVES BEHIND PARTITION OF BENGAL -1905**
3-6	**MAJOR TRENDS IN SWADESHI MOVEMENT**
7-8	**NATIONAL REVOLUTIONARY MOVEMENT IN BENGAL**
9-10	**NON- COOPERATION MOVEMENT: IMPACT ON BENGAL**
11-14	**GROWTH OF COMMUNALISM: MUSLIM LEAGUE POLITICS**
15-18	**RISE OF LEFT MOVEMENT IN BENGAL (1920'S)**
19-20	**SWARAJYA PARTY**
21-22	**CIVIL DISOBEDIENCE MOVEMENT**
23-24	**RISE AND GROWTH OF 'KRISHAK PRAJA PARTY'**
25-26	**MUSLIM LEAGUE IN BENGAL POLITICS**
27-30	**GOVT. OF INDIA ACT-1935-AFTERMATH**
31-34	**WOMEN'S MOVEMENT IN BENGAL-FIRST HALF OF THE 20TH CENTURY**
35-38	**LABOUR MOVEMENT IN BENGAL -1920-**

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	46
39-42	**TEBHAGA MOVEMENT-1946**
43-46	**NETAJI SUBHASH BOSE AND THE CONGRESS**
47-49	**QUIT INDIA MOVEMENT IN BENGAL - TAMRALIPTA JATIYA SARKAR**
50-52	**NAMASUDRA MOVEMENT IN BENGAL**
53-56	**RESPONSIBILITY OF MUSLIM LEAGUE AND CONGRESS FOR THE PARTITION-1947**
57-58	**NOAKHALI RIOT**
59-60	**INDIAN INDEPENDENCE ACT-1947- DECISIONS ABOUT BOUNDARIES OF BENGAL**

TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: PRAJNYA TARAFDAR
PAPER: DSE B 3—HISTORY OF MODERN EAST ASIA—II—JAPAN (C. 1868—1945)
LECTURES ALLOTED: 3 CLASSES PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

LECTURE NO	TOPIC NAME
1-3	**TRANSITION FROM FEUDALISM TO CAPITALISM**
4-6	**CRISIS OF TOKUGAWA BAKUHAN SYSTEM**
7-10	**MEIJI RESTORATION: NATURE AND SIGNIFICANCE**
11-14	**POLITICAL REORGANIZATION**
15-18	**MILITARY REFORMS**
19-23	**SOCIAL, CULTURAL AND**

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	EDUCATIONAL REFORMS
24-28	**FINANCIAL REFORMS AND EDUCATIONAL DEVELOPMENT IN THE MEIJI ERA**
29-32	**MEIJI CONSTITUTION**
33-38	**JAPANESE IMPERIALISM: CHINA, MANCHURIA, KOREA**
39-42	**DEMOCRACY AND MILITARISM/FASCISM:POPULAR PEOPLE'S RIGHTS MOVEMENTS**
43-45	**NATURE OF POLITICAL PARTIES**
46-49	**RISE OF MILITARISM: NATURE AND SIGNIFICANCE**
50-52	**SECOND WORLD WAR**
53-56	**AMERICAN OCCUPATION**
57-59	**POST-WAR CHANGES**

TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: AMINUDDIN SEIKH
PAPER: CC 13—HISTORY OF INDIA (C.1857—1964)
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES I—III

LECTURE NO.	TOPIC NAME
1-4	**CULTURAL CHANGES AND SOCIO-RELIGIOUS REFORM MOVEMENTS: GROWTH OF A NEW INTELLIGENTSIA—THE PRESS AND PUBLIC OPINION**
5-7	**REFORM AND REVIVAL: BRAHMO SAMAJ, PRARTHANA SAMAJ**
8-10	**REFORM AND REVIVAL: RAMAKRISHNA, VIVEKANANDA, ARYA**

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	SAMAJ
11-14	**REFORM AND REVIVAL: WAHABI, DEOBAND,ALIGARH, SINGH SABHA**
15-18	**DEBATES AROUND GENDER**
19-22	**MAKING OF RELIGIOUS AND LINGUISTIC IDENTITIES: CASTE, SANSKRITISATION AND ANTI-BRAHMANICAL TRENDS**
23-25	**NATIONALISM: TRENDS UPTO 1919**
26-28	**FORMATION OF EARLY POLITICAL ORGANISATIONS**
29-31	**MODERATES AND EXTREMISTS**
32-34	**SWADESHI MOVEMENT**
35-36	**REVOLUTIONARIES**
37-39	**GANDHIAN NATIONALISM AFTER 1919: IDEAS AND MOVEMENTS**
40-42	**MAHATMA GANDHI: HIS PESRPECTIVES AND METHODS**
43-44	**IMPACT OF THE FIRST WORLD WAR**
45	**ROWLATT SATYAGRAHA AND JALLIANWALA BAGH**
46-49	**NON-COOPERATION AND CIVIL DISOBEDIENCE**
50-54	**PROVINCIAL AUTONOMY, QUIT INDIA**
55	**INA**
56-58	**LEFT-WING MOVEMENTS**
59-60	**PRINCELY INDIA: STATE PEOPLE MOVEMENTS**

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TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: SEBANTI BANDYOPADHYAY
PAPER: CC 13—HISTORY OF INDIA (C.1857—1964)
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES IV—VII

LECTURE NO	TOPIC NAME
1-2	**NATIONALISM AND SOCIAL GROUPS: INTERFACES**
3-6	**LANDLORDS, PROFESSIONALS AND MIDDLE CLASSES**
7-8	**PEASANTS**
9-10	**TRIBALS**
11-12	**LABOURS**
13-14	**DALITS**
15-16	**WOMEN; BUSINESS GROUPS**
17-20	**COMMUNALISM: IDEOLOGIES AND PRACTICES**
21-24	**RSS, HINDU MAHASABHA AND MUSLIM LEAGUE**
25-26	**INDEPENDENCE AND PARTITION**
27-29	**NEGOTIATIONS FOR INDEPENDENCE AND PARTITION**
30-32	**POPULAR MOVEMENTS**
33-35	**PARTITION RIOTS**
36-38	**EMERGENCE OF A NEW STATE**
39-40	**MAKING OF THE CONSTITUTION**
41-42	**INTEGRATION OF PRINCELY STATES**
43-44	**LANDREFORM AND THE BEGINNING OF PLANNING**
45-48	**THE NEHRU YEARS**

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TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: SUBHASRI GHOSH
PAPER: CC 14—HISTORY OF WORLD POLITICS (1945—1991)
LECTURES ALLOTED: 6 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES I—VIII

LECTURE NO	TOPIC NAME
1-3	**THE COLD WAR: WEAKENING OF EUROPEAN BALANCE OF POWER**
4-6	**ORIGINS OF THE COLD WAR**
7-8	**YALTA AND POTSDAM CONFERENCES**
9-10	**END OF WAR TIME ALLIANCE**
11-13	**THE USA IN WORLD POLITICS: TRUMAN DOCTRINE, MARSHALL PLAN, NATO**
14-15	**THE USSR IN WORLD POLITICS**
16-18	**MOLOTOV PLAN, COMECON AND COMINFORM**
19-21	**SOVIETISATION OF EASTERN EUROPE**
22-23	**BERLIN BLOCKADE**
24	**WARSAW PACT**
25	**MANIFESTATION OF COLD WAR**
26-27	**THE KOREAN CRISIS**
28-30	**END OF FRENCH COLONIAL RULE IN INDO-CHINA AND THE VIETNAM WAR**
31	**CUBAN CRISIS**
32-33	**DE-STALINISATION**
34-36	**THAW IN COLD WAR**
37-39	**DÉTENTE AND THE ROAD TO THE END OF COLD WAR**

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40-43	**DISINTEGRATION AND DECLINE OF SOVIET UNION**
44	**GLASNOST. PERESTROIKA**
45-46	**CRISIS OF SOCIALIST REGIMES IN OTHER EAST EUROPEAN COUNTRIES—** **POLAND, GERMANY, CZECHOSLOVAKIA, HUNGARY**
47-48	**RESPONSE OF USA**
49-51	**RISE OF A UNIPOLAR WORLD SYSTEM**
52-53	**GLOBALIZATION**
54-55	**EMERGENCE OF PEOPLE'S REPUBLIC OF CHINA**
55-58	**CHINA AND THE USA**
59-62	**SINO-SOVIET RIFT**
63-69	**WEST ASIAN CRISIS—** **PALESTINE AND WESTERN POWERS** **BIRTH OF ISRAEL** **ARAB-ISRAEL CONFLICT** **SUEZ CRISIS** **ORIGIN AND FORMATION OF PLO,** **YOM KIPPUR WAR** **CAMP DAVID ACCORD** **OSLO PEACE ACCORD**

TEACHING PLAN FOR SEMESTER 6 (Honours)

NAME OF FACULTY: AMINUDDIN SEIKH
PAPER: CC 14— HISTORY OF WORLD POLITICS (1945—1991)
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: MODULES IX—X

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LECTURE NO	TOPIC NAME
1-2	**DECOLONIZATION** **THE AFRICAL CASE-STUDY: GHANA, ALGERIA, CONGO, KENYA**
3-5	**PROTEST POLITICS: CIVIL RIGHTS MOVEMENT, ANTI-APARTHEID AND THE END OF APARTHEID**
6-9	**SECOND WAVE FEMINIST MOVEMENT**

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TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: TAPTI DE
PAPER: CC 8—RISE OF MODERN WEST—II
LECTURES ALLOTED: 4 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES IA, IB, IVA, IV B, IV C

LECTURE NO	TOPIC NAME
1-8	**PRINTING REVOLUTION: DEFINITION SIGNIFICANCE; IMPACT ON EUROPEAN SOCIETY AND CULTURE**
5-18	**MILITARY REVOLUTION: CHARACTERISTICS NEW TECHNIQUES IN WARFARE PROLETARIANIZATION AND ROYALIZATION OF WARFARE**
19-24	**SCIENTIFIC REVOLUTION : SOCIETY AND ACADEMIES IN THE 17TH CENTURY**
25-30	**ASPECTS OF ENLIGHTENED DESPOTISM**

TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: SEBANTI BANDYOPADHYAY
PAPER: CC 8—RISE OF MODERN WEST—II
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES II A, II B, III A, III B, V A, V B, VI A, VI B, VI C

LECTURE NO	TOPIC NAME
1-3	**CRISIS IN EUROPE: ECONOMIC, POLITICAL AND SOCIAL SIGNIFICANCE**
4-5	**THE ENGLISH REVOLUTION: MAJOR ISSUES**
6-7	**POLITICAL AND INTELLECTUAL ISSUES OF THE ENGLISH REVOLUTION**
8-10	**MERCANTALISM AND EUROPEAN ECONOMIES**

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11-14	**PRELUDE TO INDUSTRIAL SOCIETIES**
15-19	**EUROPEAN POLITICS IN THE 17TH AND 18TH CENTURIES**
20-22	**PARLIAMENTARY MONARCHY**
23-25	**PATTERNS OF ABSOLUTISM IN EUROPE**

TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: CC 9—HISTORY OF INDIA (C.1526—1605)
LECTURES ALLOTED: 4 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES I, II, III

LECTURE NO	TOPIC NAME
1-8	**SOURCES AND HISTORIOGRAPHY PERSIAN LITERARY CULTURE AND TRANSLATIONS VERNACULAR LITERARY TRADITIONS MODERN INTERPRETATIONS**
9-10	**ESTABLISHMENT OF MUGHAL RULE: INDIA ON THE EVE OF BABUR'S INVASION**
11-13	**FIREARMS, MILITARY TECHNOLOGY AND WARFARE**
14-16	**HUMAYUN'S STRUGGLE FOR EMPIRE**
17-19	**SHER SHAH AND HIS ADMINISTRATIVE REFORMS**
20-22	**CONSOLIDATION OF MUGHAL RULE UNDER AKBAR CAMPAIGNS AND CONQUESTS TACTICS AND TECHNOLOGY**
23-25	**EVOLUTION OF ADMINISTRATIVE INSTITUTIONS: ZABTI MANSABDARI, JAGIRDARI, MADAD-I-MASH**
26-29	**REVOLTS AND RESISTANCE**

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TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: PRAJNYA TARAFDAR
PAPER: CC 9—HISTORY OF INDIA (C.1526—1605)
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES IV, V, VI

LECTURE NO	TOPIC NAME
1-5	**EXPANSION AND INTEGRATION INCORPORATION OF RAJPUT AND OTHER INDIGENOUS GROUPS IN MUGHAL NOBILITY NORTH-WEST FRONTIER, GUJARAT, DECCAN CONQUEST OF BENGAL**
6-9	**RURAL SOCIETY AND ECONOMY LAND RIGHTS AND REVENUE SYSTEM ZAMINDARS AND PEASANTS RURAL TENSIONS EXTENSION OF AGRICULTURE, AGRICULTURAL PRODUCTION, CROP PATTERNS**
10-13	**TRADE ROUTE AND PATTERNS OF INTERNAL COMMERCE, OVERSEAS TRADE**
14-15	**RISE OF SURAT**
16-18	**POLITICAL AND RELIGIOUS IDEALS: THEORY AND PRACTICE**
19-21	**RELIGIOUS TOLERANCE AND SULH-I-KUL SUFI MYSTICAL AND INTELLECTUAL INTERVENTIONS**
22-24	**PRESSURE FROM THE ULAMA**

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TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: CC 10—HISTORY OF INDIA (C.1605—1750s)
LECTURES ALLOTED: 2 CLASSES WEEK
ALLOTED SYLLABUS: MODULES I, II, III, V

LECTURE NO	TOPIC NAME
1-4	**SOURCES: PERSIAN AND VERNACULAR LITERARY CULTURES, HISTORIES, MEMOIRS AND TRAVELOGUES**
5-7	**POLITICAL CULTURE UNDER JAHANGIR AND SHAH JAHAN**
8-10	**EXTENSION OF MUGHAL RULE**
11-15	**CHANGES IN MANSAB AND JAGIR SYSTEMS**
16-17	**IMPERIAL CULTURE**
18-20	**ORTHODOXY AND SYNCRETISM: NAQSBANDI, MIYAN MIR** **DARA SHUKOH, SAMAD**
21-25	**MUGHAL EMPIRE UNDER AURANGZEB** **STATE AND RELIGION UNDER AURANGZEB: ISSUES IN THE WAR OF SUCCESSION** **POLICIES REGARDING RELIGIOUS GROUPS AND INSTITUTIONS** **CONQUESTS AND LIMITS OF EXPANSION**
26-28	**BEGINNING OF THE CRISIS** **CONTEMPORARY PERCEPTIONS** **AGRARIAN AND JAGIR CRISIS**
29-32	**PATTERNS OF REGIONAL POLITICS** **RAJPUT POLITICAL AND STATE FORMATION** **DECCAN KINGDOMS, EMERGENCE OF THE MARATHAS, SHIVAJI, EXPANSION UNDER THE PESHWAS**
33-35	**MUGHAL DECLINE AND EMERGENCE OF SUCCESSOR STATES**
36-39	**INTERPRETING EIGHTEENTH CENTURY INDIA: RECENT DEBATES**

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TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: PRAJNYA TARAFDAR
PAPER: CC 10—HISTORY OF INDIA (C.1605—1750s)
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULE VI

LECTURE NO	TOPIC NAME
1-3	**TRADE AND COMMERCE**
4-6	**CRAFTS AND TECHNOLOGIES; MONETARY SYSTEM**
7-9	**MARKETS, TRANSPORTATION, URBAN CENTRES**
10-12	**INDIAN OCEAN TRADE NETWORKS**

TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: SUBHASRI GHOSH
PAPER: CC 10—HISTORY OF INDIA (C.1605—1750s)
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULE IV

TOPIC NAME	MONTH	NUMBER OF CLASSES
VISUAL CULTURE	TAUGHT AS PART OF SEC PAPER	TAUGHT AS PART OF SEC PAPER
ARCHITECTURE		
PAINTING		

TEACHING PLAN FOR SEMESTER 4 (Honours)

NAME OF THE FACULTY: SUBHASRI GHOSH
PAPER: SEC B2—ART APPRECIATION: AN INTRODUCTION TO INDIAN ART

LECTURES ALLOTED: 4 CLASSES PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

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LECTURE NO	TOPIC NAME
1-4	**PREHISTORIC AND PROTOHISTORIC ART** **ROCK ART, HARAPPAN ARTS AND CRAFTS**
5-12	**INDIAN ART C.600 BCE—600 CE**
13-17	**MAJOR DEVELOPMENTS IN STUPA, CAVE AND TEMPLE ART AND ARCHITECTURE**
18-21	**EARLY INDIAN SCULPTURE: STYLE AND ICONOGRAPHY**
	NUMISMATIC ART
22-28	**INDIAN ART C.600 CE—1200 CE** **TEMPLE FORMS AND THEIR ARCHITECTURAL FEATURES** **EARLY ILLUSTRATED MANUSCRIPTS, MURAL PAINTING TRADITIONS** **EARLY MEDIEVAL SCULPTURE: STYLE AND ICONOGRAPHY** **INDIAN BRONZES AND METAL COINS**
29-37	**INDIAN ART AND ARCHITECTURE (C.1200 CE—1800 CE)** **SULTANATE AND MUGHAL ARCHITECTURE** **MINIATURE PAINTING TRADITIONS: MUGHAL, RAJASTHANI, PAHARI**
38-42	**INTRODUCTION TO FORT, PALACE AND HAVELI ARCHITECTURE**
43-46	**MODERN AND CONTEMPORARY INDIAN ART AND ARCHITECTURE** **COLONIAL PERIOD ART MOVEMENT: BENGAL SCHOOL OF ART** **PROGRESSIVE ARTISTS' GROUP: MAJOR ARTISTS AND THEIR ARTWORKS**
47-50	**POPULAR ART FORMS (FOLK ART TRADITIONS)**

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TEACHING PLAN FOR SEMESTER 2 (Major)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: H CC2 SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES I AND II

LECTURE NO	TOPIC NAME
1-4	**EVOLUTION OF HUMAN KIND**
5-10	**FOOD PRODUCTION**

TEACHING PLAN FOR SEMESTER 2 (Major)

NAME OF THE FACULTY: PRAJNYA TARAFDAR
PAPER: H CC2 SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULE III

LECTURE NO	TOPIC NAME
1-6	**BRONZE AGE CIVILISATION**

TEACHING PLAN FOR SEMESTER 2 (Major)

NAME OF THE FACULTY: SOUMITA ROY
PAPER: H CC2 SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULE IV

LECTURE NO	TOPIC NAME
1-8	**NOMADIC GROUPS**

TEACHING PLAN FOR SEMESTER 2 (Major)

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NAME OF THE FACULTY: SEBANTI BANDYOPADHYAY
PAPER: H CC2 SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES V AND VI

LECTURE NO	TOPIC NAME
1-9	**ANCIENT ROME**
10-20	**POLIS IN ANCIENT GREECE**

TEACHING PLAN FOR SEMESTER 2 (Major)

NAME OF THE FACULTY: SUBHASRI GHOSH
PAPER: SEC UNDERSTANDING CULTURAL HERITAGE AND TOURISM
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

LECTURE NO	TOPIC
1-8	**INDIAN CULTURAL HERITAGE: AN INTRODUCTION**
9-14	**EVOLUTION OF HERITAGE LEGISLATION AND THE INSTITUTIONAL FRAMEWORK**
15-20	**FAIRS, FESTIVALS, RITUALS**
21-23	**HERITAGE AND TOURISM**

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TEACHING PLAN FOR SEMESTER 6 (General)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: DSE B—1—PATTERNS OF CAPITALISM IN EUROPE: C. 16TH CENTURY TO EARLY 20TH CENTURY
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: MODULES I, II, III

LECTURE NO	TOPIC NAME
1-3	**DEFINITIONS AND CONCEPTS**
4-6	**COMMERCIAL CAPITALISM**
7-10	**INDUSTRIAL REVOLUTION IN ENGLAND**

TEACHING PLAN FOR SEMESTER 6 (General)

NAME OF THE FACULTY: SEBANTI BANDYOPADHYAY
PAPER: DSE B—1—PATTERNS OF CAPITALISM IN EUROPE: C. 16TH CENTURY TO EARLY 20TH CENTURY
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES IV, V, VI

LECTURE NO	TOPIC NAME
1-3	**INDUSTRIAL CAPITALISM IN FRANCE**
4-7	**GROWTH OF INDUSTRIES IN GERMANY**
8-11	**IMPACT OF INDUSTRIAL REVOLUTION ON EUROPEAN SOCIETY, POLITY AND ECONOMY**

TEACHING PLAN FOR SEMESTER 6 (General)

NAME OF THE FACULTY: SOUMITA ROY
PAPER: SEC B2—ORALITY AND ORAL CULTURE IN INDIA
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

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LECTURE NO	TOPIC NAME
1-3	**DEFINING ORALITY**
4-8	**HISTORIOGRAPHY OF ORALITY**
9-10	**LIFE HISTORIES**
11-13	**RESEARCH METHODOLOGIES**
14-16	**DOCUMENTATION: WRITTEN AND VISUAL**

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TEACHING PLAN FOR SEMESTER 4 (General)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: GE-4—HISTORY OF INDIA, 1707-1950
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: MODULES I, II, III

LECTURE NO.	TOPIC NAME
1-3	**INTERPRETING THE 18TH CENTURY**
4-9	**EMERGENCE OF INDEPENDENT STATES**
10-14	**EXPANSION AND CONSOLIDATION OF COLONIAL POWER**

TEACHING PLAN FOR SEMESTER 4 (General)

NAME OF THE FACULTY: SOUMITA ROY
PAPER: GE-4—HISTORY OF INDIA, 1707-1950
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES IV, V, VI

LECTURE NO	TOPIC NAME
1-3	**UPRISING OF 1857**
4-8	**COLONIAL ECONOMY**
9-12	**SOCIO-RELIGIOUS REFORM MOVEMENTS IN THE 19TH CENTURY**

TEACHING PLAN FOR SEMESTER 4 (General)

NAME OF THE FACULTY: PRAJNYA TARAFDAR
PAPER: GE-4—HISTORY OF INDIA, 1707-1950
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: MODULES VII, VIII, IX

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LECTURE NO	TOPIC NAME
1-3	**EMERGENCE AND GROWTH OF NATIONALISM**
4-6	**COMMUNALISM**
7-9	**ADVENT OF FREEDOM**

TEACHING PLAN FOR SEMESTER 4 (General)

NAME OF THE FACULTY: SEBANTI BANDYOPADHYAY
PAPER: SEC A 1—MUSEUMS AND ARCHIVES IN INDIA
LECTURES ALLOTED: 1 CLASS PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

LECTURE NO	TOPIC NAME
1-3	**DEFINITIONS**
4-5	**HISTORY OF SETTING UP MUSEUMS**
6-8	**FIELD WORK**
9-10	**TRAINING AND EMPLOYMENT**

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TEACHING PLAN FOR SEMESTER 2 (Minor/MDC)

NAME OF THE FACULTY: AMINUDDIN SEIKH
PAPER: HIS-m1 CC2 / HIS-MD-CC2—SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 3 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES I AND II

LECTURE NO	TOPIC NAME
1-4	**EVOLUTION OF HUMAN KIND**
5-10	**FOOD PRODUCTION**

TEACHING PLAN FOR SEMESTER 2 (Minor/MDC)

NAME OF THE FACULTY: SOUMITA ROY
PAPER: HIS-m1 CC2 / HIS-MD-CC2—SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 3 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES III AND IV

LECTURE NO	TOPIC NAME
1-6	**BRONZE AGE CIVILISATIONS**
7-12	**NOMADIC GROUPS**

TEACHING PLAN FOR SEMESTER 2 (Minor/MDC)

NAME OF THE FACULTY: SEBANTI BANDYOPADHYAY
PAPER: HIS-m1 CC2 / HIS-MD-CC2—SOCIAL FORMATIONS AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN INDIA
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: MODULES V AND VI

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LECTURE NO	TOPIC NAME
1-9	**ANCIENT ROME**
10-20	**POLIS IN ANCIENT GREECE**

TEACHING PLAN FOR SEMESTER 2 (IDC)

NAME OF THE FACULTY: TAPTI DE
PAPER: MAKING OF CONTENPORARY INDIA, 1919-1964
LECTURES ALLOTED: 2 CLASSES PER WEEK
ALLOTED SYLLABUS: WHOLE PAPER

LECTURE NO	TOPIC NAME
1-5	**GANDHIAN MOVEMENTS**
6-10	**ROAD TO INDEPENDENCE AND PARTITION**
11-16	**CHALLENGES OF COMMUNALISM**
17-22	**CONSTITUTIONAL FORMULAS**
23-26	**IMPACT OF PARTITION ON INDIAN SOCIETY AND CULTURE**
27-30	**EVOLUTION OF PARLIAMENTARY DEMOCRACY**
31-35	**INDIA'S FOREIGN POLICY IN THE NEHRUVIAN ERA**

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