

APS College of Arts and Science, N. R. Colony, Bengaluru - 560019

IV and VI Semester B.Sc., Time Table for the Academic Year 2022- 2023

Final Time Table

Day/Time	Sem	9:30-10:30	10:30-11:30	11:30-12:30	12:30-01:30	1:00-1:30	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30	
Monday	IV	-----Mathematics Lab----- -----Botany Lab-----									
	VI	Chemistry	Mathematics Zoology	Chemistry	Lunch break	Rem. Class Bot./Phy.	Physics Zoology	Mathematics	Physics Lab----- Zoology Lab-----		
Tuesday	IV	Lang. Kan.	English	Physics Chemistry	Lunch break	Rem. Class Maths/Bot	Botany	Chemistry	Physics Lab-----		
	VI	-----Mathematics Lab----- -----Chemistry Lab CBZ-----									
Wednesday	IV	Physics Chemistry	Lang. Kan.	Mathematics Chemistry	Lunch break	Rem. Class Chem/Phy	English				
	VI	-----Mathematics Lab----- -----Botany Lab-----									
Thursday	IV	Lang. Kan.	Indian Constitution	English	Lunch break	Sports	Financial Accounting and Investment Awareness				
	VI	-----Chemistry Lab (PCM)----- -----Botany Lab-----									
Friday	IV	-----Chemistry Lab-----									
	VI	Mathematics Botany	Physics Zoology	Mathematics Botany	Lunch break	Sports Chemistry--	Physics Botany	Botany	Physics Lab----- Entrepreneurship and Innovation --		
Saturday	IV	Financial Accounting and Investment Awareness	Mathematics	Lang. Kan.	Lunch break	Sports	Indian Constitution				
	VI	-----Chemistry Lab CBZ----- -----Physics Lab-----									



APS College of Arts and Science, N. R. Colony, Bengaluru - 560019

IV B.Sc., Time Table for the Academic Year 2022- 2023

Final Time Table

Day/Time	Sem	9:30-10:30	10:30-11:30	11:30-12:30	12:30-01:30	1:00-1:30	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30			
Monday	IV	-----Mathematics Lab-----											
		-----Botany Lab-----											
Tuesday	IV	Lang. Kan.	English	Physics		Lun h break	Rem Class Maths/Bot	-----Physics Lab-----					
				Chemistry	Botany			Chemistry					
		Physics		Mathematics									
		Chemistry	Lang. Kan.	Chemistry	Lun h break	Rem Class Chem/Phy	English						
Wednesday	IV	Lang. Kan.	Indian Constitution	English	Lun h break	Sports	Financial Accounting and Investment Awareness						
Thursday	IV	Lang. Kan.	Indian Constitution	English	Lun h break	Sports	Financial Accounting and Investment Awareness						
Friday	IV	-----Chemistry Lab-----											
		Mathematics	Physics	Lun h break	Sports	Indian Constitution	Botany						
Saturday	IV	Financial Accounting and Investment Awareness	Botany	Lang. Kan.	Lun h break	Sports	Indian Constitution						
			Mathematics										

APS College of Arts and Science, N. R. Colony, Bengaluru - 560019

VI Semester B.Sc., Time Table for the Academic Year 2022-2023

Final Time Table

Day/Time	Sem	9:30-10:30	10:30-11:30	11:30-12:30	12:30-01:00	1:00-1:30	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30
Monday	VI	Chemistry	Mathematics	Chemistry	Lunch break	Rem Class Bot./Phys.	Physics	-----Physics Lab-----		
			Zoology					Zoology	-----Zoology Lab-----	
Tuesday	VI	-----Mathematics Lab-----			Lunch break	Rem Class Zoo/Math	Mathematics	Physics	Chemistry	
		-----Chemistry Lab CBZ-----									Zoology	Zoology
Wednesday	VI	-----Mathematics Lab-----			Lunch break	Rem Class Chemistry	Mathematics	-----Chemistry Lab PCM-----		
		-----Botany Lab-----						Zoology	-----Zoology Lab-----	
Thursday	VI	-----Chemistry Lab (PCM)-----			Lunch break	Rem Class Chemistry	Lunch break	Physics	Math.	
		-----Botany Lab-----									Botany	Botany
Friday	VI	Mathematics	Physics	Mathematics	Lunch break	Rem Class Chemistry	Physics	-----Entrepreneurship and Innovation-----		
								Botany	Zoology	Botany	Physics	-----E and I-----
Saturday	VI	-----Chemistry Lab CBZ-----			Lunch break	Rem Class Chemistry	Botany			
		-----Physics Lab-----								

APS COLLEGE OF ARTS AND SCIENCE, N.R.L. COLONY, BANGALORE-560019

II, IV & VI SEMESTER BCA MASTER TIME TABLE FOR THE ACADEMIC YEAR 2022-23

Days/Time	Sem	8.30-9.30	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30 - 2.30	2.30 - 3.30	3.30-4.30
Monday	V	ST	System Programming			←--- WEB LAB ---→			
	III		SE	ENG	IT	LUNCH	ENG		
	I	DBMS	LANG	CA		ENG			
Tuesday	V		System Programming		PBC		E & I		
	III	ADA	IC	IT	LUNCH	←---IT LAB ----→			
	I	DBMS	DBMS	OE	LANG		ENG		
Wednesday	V	ST	WP	PBC		←---PROJECT LAB ----→			
	III	SE	ADA	ENG	IT	LUNCH	LANG	←---IT/ADA---→	
	I		LANG	JAVA			ENG		
Thursday	V	ST	WP	PBC		←---PROJECT LAB --→			
	III		ENG	ADA	IT		LANG		
	I		CA	JAVA	OE		LANG	EVS	
Friday	V	ST	PBC	WP		←---PROJECT LAB --→			
	III		LANG	ADA	ENG		←---ADA LAB---→		
	I	← JAVA LAB/ DBMS →			EVS		ENG		
Saturday	V	← PROJECT LAB →							
	III	SE	IC	LANG	LUNCH				
	I	CA	OE (PSY)	← JAVA LAB/ DBMS →	EVS		OE(Maths)		

Sofp

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III,IV,VI Semester BCA TIME TABLE/3/8/2021-2022-2023(NEP2020)

DAYS	SEM	8.30-9.30	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30
MONDAY	II		Lang AM	JAVA AM	DBMS PM		ENGLISH PM	←--DBMS LAB--→	
	IV		ENG AM	VB AM	UNIX PM		←--VALUE ADDED-----→		
	VI		ST AM	SP AM	<-----PBC--		←-----WEB/PROJECT LAB--→		
TUESDAY	II	C.A	JAVA	DBMS	Lang 1		ENGLISH	O.E	←--
	IV	VB	VB	LANG	SE		UNIX	PD	DBMS
	VI		SP	WP	ST		WP	EVS	LAB--→
WEDNESDAY	II		O.E	Lang	JAVA		DBMS		
	IV	VB	VB	LANG	UNIX		PD	←-- UNIX Lab--→	
	VI		ST	WP	SP		Lang 1	DBMS	
THURSDAY	II	C.A	C.A	JAVA	ENGLISH		LANG	PD	
	IV		ENG	UNIX	SE		ENGLISH		
	VI		ST	WP	SP		←-----VB LAB-----→		
FRIDAY	II	←-- JAVA LAB--→							
	IV		SE	VB	ENGLISH				
	VI		WP	SP	ST				
SATURDAY	II	C.A←-- JAVA LAB--→							
	IV	SE	SE	LANG	ENG				
	VI		PBC	SP	ST				

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A.P.S ARTS AND SCIENCE COLLEGE TIMETABLE 2022-2023(NEP)

Days/Timing	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:00	1:00-2:00	2:00-3:00	3:00-4:00
Monday	V SEM AI	JAVA DM	DCNW DS	DCNW C-LANG	LUNCH		← PROJECT LAB →	
	I SEM	TOC	AI	JAVA			← C/MIS OFFICE LAB →	
Tuesday	V SEM I SEM	TOC	C-LANG	DE			← VALUE ADDED →	
	V SEM		JAVA	DCNW			← DS/MIS OFFICE LAB →	
Wednesday	V SEM I SEM		JAVA ENG	DCNW C-LANG	JAVA LANG		← JAVA LAB →	
	V SEM	AI	DCNW	JAVA			← ADA LAB →	
Thursday	V SEM I SEM		DS	ENG	LANG			
	V SEM		TOC	TOC			B & I	
Friday	V SEM I SEM	YOGA	DM	DS	LANG			
	V SEM	DCNW	TOC	AI	B & I			
Saturday	V SEM I SEM	DS	ENG	LANG	OE			

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B. C. A. I SEMESTER TIME TABLE 2022-23

Days/Timing	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:00	1:00-2:00	2:00-3:00	3:00-4:00
Monday		DM	DS	C Lang			← C LAB →	
Tuesday	ENG	C Lang	OE	DM			← DS LAB →	
Wednesday		ENG	C Lang	LANG				
Thursday								
Friday								
Saturday								

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N. R COLONY, BANGALORE-560019
B. C.A. V SEMESTER TIME TABLE 2022-23

Days/Timing	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:00	1:00-2:00	2:00-3:00	3:00-4:00
Monday	AI	JAVA	DCNW	DCNW	L U N C H B R E A K	← PROJECT LAB →	← VALUE ADDED →	← JAVA LAB →
Tuesday	TOC	TOC	AI	JAVA				
Wednesday		JAVA	DCNW	ADA				
Thursday	AI	DCNW	JAVA	JAVA				
Friday		TOC	TOC	JAVA		B&I		
Saturday	DCNW	TOC	AI	B&I				

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VI SEMESTER BCA TIME TABLE 2022-2023

DAYS	SEM	8.30-9.30	9.30-10.30 AM	10.30- 11.30 AM	11.30- 12.30 PM	12.30- 1.30 PM	1.30 - 2.30 PM	2.30 - 3.30 PM	3.30- 4.30 PM
MONDAY	VI	ST	System Programming			←--WEB/PROJECT LAB--→			
TUESDAY	VI		System Programming		PBC		WP		
WEDNESDAY	VI	ST	WP	PBC					
THURSDAY	VI	ST	WP	PBC					
FRIDAY	VI	ST	PBC	WP			←PROJECT LAB→		
SATURDAY	VI	←PROJECT LAB→				E&I			

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3rd and 5th Semester Time Table for the Academic Year 2022 - 2023.

APS College of Arts and Science, N. R. Colony, Bengaluru- 560019

III and V Semester B.Sc., Time Table for the Academic Year 2022- 2023

Day/Time	Sem.	9:30-10:30	10:30-11:30	11:30-12:30	12:30-01:00	1:00-1:30	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30	
Monday	III	-----Mathematics Lab-----					Physics	Mathematics			
		-----Botany Lab-----					Botany	Chemistry			
	V	Physics Zoology	Chemistry	Mathematics Botany	Lunch break	Rem.Class Bot./Phy.	Chemistry	-----Physics Lab----- -----Chemistry Lab CBZ-----			
Tuesday	III	Lang. Kan.	English	Physics Chemistry	Lunch break	Rem.Class Maths/Bot.	Botany	-----Physics Lab-----			
	V	-----Mathematics Lab----- -----Botany Lab-----			Lunch break	Rem.Class Zoo/Math	Chemistry	Physics Zoology	Chemistry		
Wednesday	III	Physics Chemistry	English	Mathematics Chemistry	Lunch break	Rem.Class Che/Phy	Lang. Kan.	English			
	V	Chemistry	Mathematics Botany	Physics Zoology	Lunch break	Rem.Class Chemistry	Mathematics Botany	-----Chemistry Lab----- -----Zoology Lab-----			
Thursday	III	English	Lang. Kan.	Open Elective	Lunch break	Sports					
	V	-----Mathematics Lab----- -----Botany Lab-----			Lunch break	Sports	Physics Zoology	Chemistry	Math. Botany		
Friday	III	--	Mathematics	Physics	Lunch break	Sports	Open Elective	Yoga			
	V	Mathematics Botany	Physics Zoology	Mathematics Botany	Lunch break	Yoga	Physics Zoology	-----Chemistry Lab PCM----- -----Zoology Lab-----			
Saturday	III	Open Elective	Botany Mathematics	Lang. Kan.	Lunch break	Sports	Botany				
	V	-----Chemistry Lab CBZ----- -----Physics Lab-----			Lunch break	Sports	--Banking and Finance--				


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III Semester: B.Sc., Time Table for the Academic Year 2022-2023


Day/Time	Sec.	9:30-10:30	10:30-11:30	11:30-12:30	12:30-01:00	1:00-1:30	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30	
Monday	III	-----Mathematics Lab-----						Physics	Metremanes		
		-----Botany Lab-----						Botany	Chemistry		
Tuesday	III	Lang. Kan.	English	Physics Chemistry	Lunch break	Rem Cons Maths/ Bot.	Botany	-----Physics Lab-----			
Wednesday	III	Physics Chemistry	English	Mathematics Chemistry	Lunch break	Rem Cons Chem/ Phy	Lang. Kan.	English			
Thursday	III	English	Lang. Kan.	Open Elective	Lunch break	Sports					
Friday	III	-----Chemistry Lab-----						Open Elective	Yoga		
			Mathematics	Physics	Lunch break	Sports					
Saturday	III	Open Elective	Botany Mathematics	Lang. Kan.	Lunch break	Sports	Botany				


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V Semester B.Sc., Time Table for the Academic Year 2022-2023

Day/Time	Sem.	9:20-10:30	10:30-11:30	11:30-12:30	12:30-01:00	1:00-1:10	1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30
Monday	V	Physics	Chemistry	Mathematics	Lunch break	Rep. Class Use of Htg	Chemistry	-----Physics Lab-----		
		Zoology		Botany				-----Chemistry Lab CBZ-----		
Tuesday	V	-----Mathematics Lab-----			Lunch break	Rep. Class Zoo/Math	Chemistry	Physics	Chemistry	
		-----Botany Lab-----						Zoology		
Wednesday	V	Chemistry	Mathematics	Physics	Lunch break	Rep. Class Chemistry	Mathematics	-----Chemistry Lab-----		
			Botany	Zoology			Botany	-----Zoology Lab-----		
Thursday	V	-----Mathematics Lab-----			Lunch break	Sports	Physics	Chemistry	Math	
		-----Botany Lab-----					Zoology		Botany	
Friday	V	Mathematics	Physics	Mathematics	Lunch break	Yoga	Physics	-----Chemistry Lab PCB-----		
		Botany	Zoology	Botany			Zoology	-----Zoology Lab-----		
Saturday	V	-----Chemistry Lab CBZ-----			Lunch break	Sports	-----Banking and Finance-----			
		-----Physics Lab-----								


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APS College of Arts & Science
BA I, III and V Semester Time Table for the Academic year 2022-23

Days	Sem	8.30 to 9.30	9.30 to 10.30	10.30 to 11.30	11.30 to 12.30	12.30 to 1.00	1.00 to 1.30	1.30 to 2.30	2.30 to 3.30	3.30 to 4.30
Monday	I	English	Opt. Kannada/ Sociology/Music	Economics	Lunch	RC - GK/PS/PSY	Psychology - Music Practical	History		
	III	Opt. Kannada/Pol. Science	English	Opt. Kannada/ Pol. Science	Lunch	RC-History/ Sociology/Music	Economics	History	585	
	V	Economics	Psychology/Pol. Science	Economics	Lunch	Sports	Music/ Opt. Kannada	Sociology/Pol. Science	Pol. Science/ Music	II & F
	I	Sociology/ Opt. Kannada/ Music	Kannada	English	Lunch	Economics/ Psychology	History/ Economics	Digital Fluency	Pol. Science/ Music	
	III	English	Opt. Kannada/Music/ Sociology/Pol. Science	Economics	History/ Sociology	RC-Econ/Pol. Science/ Psychology	History	Pol. Science/ Opt. Kannada	Sociology/History	II & F
Tuesday	III	English	Opt. Kannada/Music/ Sociology/Pol. Science	Economics	Lunch	Economics	History	Psychology/Music Practical		
	V	Opt. Kannada/Music/ Pol. Science	Economics	History/Sociology	Lunch	RC- Eco/ Sociol./Hl	English	Pol. Science/ Opt. Kannada	Pol. Science/ History	OE - IIA Spur Kan./Botany/Econ omil. S & S
	I	Economics	History/Sociology	Pol. Science/Music	Psychology	Opt. Kannada/ Pol. Science/ Sociology	Opt. Kannada/ Economics	Economics	Kannada	OE I - aw: Kan./Botany/Econ omil. Kannada
	III	Sociology/History	Pol. Science/Music	Economics	History	Opt. Kannada/ Pol. Science/ Sociology	History/ Sociology	Psychology/Music Practical	History	
	V	Psychology/ Opt. Kannada	Economics	Health & Wellness	History	Opt. Kannada/ Pol. Science/ Sociology	Pol. Science/ Opt. Kannada	Pol. Science	Digital Fluency	History
Wednesday	I	Economics	History/Sociology	Pol. Science/Music	Psychology	Opt. Kannada/ Pol. Science/ Sociology	Opt. Kannada/ Economics	Economics	Kannada	OE I - aw: Kan./Botany/Econ omil. Kannada
	III	Sociology/History	Pol. Science/Music	Economics	History	Opt. Kannada/ Pol. Science/ Sociology	Pol. Science	Psychology/Music Practical	History	
	V	Psychology/ Opt. Kannada	Economics	Health & Wellness	History	Opt. Kannada/ Pol. Science/ Sociology	Pol. Science/ Opt. Kannada	Pol. Science	Digital Fluency	History
	I	Yoga	History/Psychology	Economics	Health & Wellness	Opt. Kannada/ Pol. Science/ Sociology	Pol. Science/ Opt. Kannada	Pol. Science	Digital Fluency	History
	III	Economics/Sociology	English	English	Opt. Kannada/ Pol. Science/ Economics	Psychology	Opt. Kannada/ Pol. Science/ Sociology	History/ Sociology	Psychology/Music Practical	History
Thursday	III	Economics/Sociology	English	English	Opt. Kannada/ Pol. Science/ Economics	Psychology	Opt. Kannada/ Pol. Science/ Sociology	History/ Sociology	Psychology/Music Practical	History
	V	Opt. Kannada/Pol. Science/ Music	History	History	Opt. Kannada/ Pol. Science/ Sociology	Pol. Science/ Opt. Kannada	Pol. Science	Digital Fluency	Psychology	OE I - aw: Kan./Botany/Econ omil. S & S
	I	Psychology/Pol. Science	Opt. Kannada/Sociology	Kannada	Economics/Sociology	Lunch	Yoga	Psychology/ Economics/ History	S & S	OE
	III	Kannada	Pol. Science/History	Pol. Science/History	Economics/Sociology	Lunch	Yoga/ Sports	Opt. Kannada/ Pol. Science	History/Sociology	Psychology/History
	V	Economics	Psychology/History	Pol. Science/History	Pol. Science/ Opt. Kannada	Lunch	Economics	Opt. Kannada/ Pol. Science	English	
Friday	III	Kannada	Pol. Science/History	Pol. Science/History	Economics/Sociology	Lunch	Yoga/ Sports	Opt. Kannada/ Pol. Science	History/Sociology	Psychology/History
	V	Economics	Psychology/History	Pol. Science/History	Pol. Science/ Opt. Kannada	Lunch	Economics	Opt. Kannada/ Pol. Science	English	
	I	Opt. Kannada/Pol. Science	Opt. Kannada/Sociology	Kannada	Economics/Sociology	Lunch	Yoga	Psychology/ Economics/ History	S & S	OE
	III	Kannada	Pol. Science/History	Pol. Science/History	Economics/Sociology	Lunch	Yoga/ Sports	Opt. Kannada/ Pol. Science	History/Sociology	Psychology/History
	V	Economics	Psychology/History	Pol. Science/History	Pol. Science/ Opt. Kannada	Lunch	Economics	Opt. Kannada/ Pol. Science	English	
Saturday	III	Digital Fluency	Economics/Sociology	History / Psychology	History/Pol. Science	Opt. Kannada / Pol. Science	OE	History/Economics	Psychology/ opt. Kannada	
	V	8 & F	Opt. Kannada/Pol. Science	Economics	History/Pol. Science	Opt. Kannada / Pol. Science	OE	History/Economics	Psychology/ opt. Kannada	

• RC - Reserved Class
• OE - Open Elective

Principal

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N.R. Colony, Bangalore-560 019.

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A.P.S. COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF POST-GRADUATE STUDIES IN ECONOMICS (M.A)
TIME TABLE - 1st and 3rd SEMESTER, 2022-23

1 st SEMESTER						3 rd SEMESTER							
DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:15	1:15 2:15	2:15 3:15	DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:15	1:15 2:15	2:15 3:15
MON	Advanced Micro Economics (Dr. Ramasha K)	Mathematical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Dr. Ramasha K)	Advanced Micro Economics (Dr. Ramasha K)	Mathematical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Dr. Ramasha K)	MON	Environmental Economics (Dr. Lokesh A)	Developmental Economics (Dr. Ramasha K)	Economics-I (Dr. Lokesh A)	OPEN ELECTIVE (Dr. Ramasha K)	International Economics (Dr. Lokesh A)	INTERNATIONAL ECONOMICS (Dr. Ramasha K)
TUE	Mathematical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Dr. Ramasha K)	Economic Thought (Dr. Ramasha K)	Indian Economics (Dr. Lokesh A)	Library / Seminar	TUE	Development Economics (Dr. Ramasha K)	Economics-II (Dr. Lokesh A)	International Economics (Dr. Lokesh A)	INTERNATIONAL ECONOMICS (Dr. Lokesh A)	OPEN ELECTIVE (Dr. Ramasha K)	PROJECT WORK (Dr. Ramasha K)	PROJECT WORK (Dr. Ramasha K)
WED	Advanced Macro Economics (Dr. Ramasha K)	Advanced Micro Economics (Dr. Ramasha K)	Mathematical Methods in Economics (Dr. Lokesh A)	Economic Thought (Dr. Ramasha K)	Library / Seminar	WED	Environmental Economics (Dr. Lokesh A)	International Economics (Dr. Lokesh A)	Development Economics (Dr. Ramasha K)	ENVIRONMENTAL ECONOMICS (Dr. Lokesh A)	PROJECT WORK (Dr. Ramasha K)	PROJECT WORK (Dr. Ramasha K)	PROJECT WORK (Dr. Ramasha K)
THU	Advanced Micro Economics (Dr. Ramasha K)	Economic Thought (Dr. Ramasha K)	Advanced Macro Economics (Dr. Ramasha K)	Indian Economics (Dr. Lokesh A)	Library / Seminar	THU	Environmental Economics (Dr. Lokesh A)	International Economics (Dr. Lokesh A)	Economics-I (Dr. Lokesh A)	ENVIRONMENTAL ECONOMICS (Dr. Lokesh A)	PROJECT WORK (Dr. Ramasha K)	PROJECT WORK (Dr. Ramasha K)	PROJECT WORK (Dr. Lokesh A)
FRI	Advanced Macro Economics (Dr. Ramasha K)	Indian Economics (Dr. Lokesh A)	Advanced Micro Economics (Dr. Ramasha K)	Mathematical Methods in Economics (Dr. Lokesh A)	Library / Seminar	FRI	Environmental Economics (Dr. Lokesh A)	Development Economics (Dr. Ramasha K)	PROJECT WORK (Dr. Lokesh A)	ENVIRONMENTAL ECONOMICS (Dr. Lokesh A)	OPEN ELECTIVE (Dr. Ramasha K)	OPEN ELECTIVE (Dr. Lokesh A)	Economics-I (Dr. Lokesh A)
SAT	Mathematical Methods in Economics (Dr. Lokesh A)	Advanced Micro Economics (Dr. Ramasha K)	Indian Economics (Dr. Lokesh A)	Economic Thought (Dr. Ramasha K)	---	SAT	Development Economics (Dr. Ramasha K)	International Economics (Dr. Lokesh A)	OPEN ELECTIVE (Dr. Ramasha K)	ENVIRONMENTAL ECONOMICS (Dr. Lokesh A)	---	---	---

H.O.D. & Assistant Professor
 Department of Economics
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A.P.S. COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF POST-GRADUATE STUDIES IN ECONOMICS (M.A)

TIME TABLE - 2nd and 4th SEMESTER, 2022-23

2 nd SEMESTER							4 th SEMESTER						
DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:30	1:30 2:30	2:30 3:30	DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:30	1:30 2:30	2:30 3:30
MON	Advanced Micro Economics (Vishalshah MN)	Agricultural Economics (Chandranouledwar)	Statistical Methods in Economics (Dr. Lokesh A)	Statistical Methods in Economics (Dr. Lokesh A)	Indian Political System (Chandranouledwar)	Advanced Macro Economics (Vishalshah MN)	MON	Economics-I (Dr. Lokesh A)	Public Economic (Vishalshah MN)	Economics of Infrastructure (Chandranouledwar)	Economics of Infrastructure (Dr. Lokesh A)	Economics of Demography (Vishalshah MN)	Project Work (Dr. Lokesh A)
TUE	Indian Political System (Chandranouledwar)	Advanced Micro Economics (Vishalshah MN)	Agricultural Economics (Chandranouledwar)	Advanced Macro Economics (Vishalshah MN)	Advanced Macro Economics (Vishalshah MN)	.....	TUE	Public Economic (Vishalshah MN)	Economics-II (Dr. Lokesh A)	Economics of Demography (Vishalshah MN)	Economics of Demography (Chandranouledwar)	Economics of Demography (Vishalshah MN)	Project Work (Dr. Lokesh A)
WED	Agricultural Economics (Chandranouledwar)	Statistical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Vishalshah MN)	Advanced Macro Economics (Vishalshah MN)	Indian Political System (Chandranouledwar)	Agricultural Economics (Chandranouledwar)	WED	Economics-II (Dr. Lokesh A)	Public Economic (Vishalshah MN)	Economics of Infrastructure (Chandranouledwar)	Economics of Infrastructure (Dr. Lokesh A)	Economics of Demography (Vishalshah MN)	Project Work (Dr. Lokesh A)
THU	Advanced Micro Economics (Vishalshah MN)	Statistical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Vishalshah MN)	Advanced Macro Economics (Vishalshah MN)	Library / Seminar	.....	THU	Economics-I (Dr. Lokesh A)	Economics of Demography (Vishalshah MN)	Project Work (Dr. Lokesh A)	Project Work (Dr. Lokesh A)	Public Economic (Vishalshah MN)	.....
FRI	Statistical Methods in Economics (Dr. Lokesh A)	Indian Political System (Chandranouledwar)	Advanced Macro Economics (Vishalshah MN)	Advanced Macro Economics (Vishalshah MN)	Indian Political System (Chandranouledwar)	Agricultural Economics (Chandranouledwar)	FRI	Economics of Infrastructure (Chandranouledwar)	Economics of Demography (Vishalshah MN)	Economics of Infrastructure (Chandranouledwar)	Economics of Infrastructure (Dr. Lokesh A)	Library / Seminar	.....
SAT	Advanced Macro Economics (Vishalshah MN)	Statistical Methods in Economics (Dr. Lokesh A)	Advanced Macro Economics (Vishalshah MN)	Advanced Macro Economics (Vishalshah MN)	Library / Seminar	SAT	Economics-II (Dr. Lokesh A)	Public Economic (Vishalshah MN)	Project Work (Dr. Lokesh A)	Project Work (Dr. Lokesh A)	Library / Seminar

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A.P.S. COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF POST-GRADUATE STUDIES IN ECONOMICS (M.A)

TIME TABLE - 2ND AND 4TH SEMESTER, 2022-2023

2 ND SEMESTER										4 TH SEMESTER				
DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:30	1:30 2:30	2:30 3:30	DAY/ TIME	9:30 10:30	10:30 11:30	11:30 12:30	12:30 1:30	1:30 2:30	2:30 3:30	
MON	Advanced Micro Economics (V.M)	Agricultural Economics (C.M)	Statistical Methods in Economics (C.M)	Advanced Micro Economics (V.M)	Indian Political System (C.M)	Advanced Macro Economics (V.M)	MON	Econometrics-II (C.M)	Public Economic (V.M)	Economics of Infrastructure (C.M)	L	Economics of Demography (V.M)	Project Work (V.M)	
TUE	Indian Political System (C.M)	Advanced Micro Economics (V.M)	Agricultural Economics (C.M)	U	Advanced Macro Economics (V.M)	.....	TUE	Public Economic (V.M)	Econometrics- II (C.M)	Economics of Demography (V.M)	U	Economics of Infrastructure (C.M)	Project Work (V.M)
WED	Agricultural Economics (C.M)	Statistical Methods in Economics (C.M)	Advanced Micro Economics (V.M)	N	Indian Political System (C.M)	Agricultural Economics (C.M)	WED	Econometrics-II (C.M)	Public Economic (V.M)	Economics of Infrastructure (C.M)	N	Economics of Infrastructure (C.M)	Project Work (V.M)	
THU	Advanced Micro Economics (V.M)	Statistical Methods in Economics (C.M)	Advanced Macro Economics (V.M)	C	Library/Seminar	.....	THU	Econometrics-II (C.M)	Economics of Demography (V.M)	Economics of Infrastructure (C.M)	C	Public Economic (V.M)	.....
FRI	Statistical Methods in Economics (C.M)	Indian Political System (C.M)	Advanced Macro Economics (V.M)	H	Indian Political System (C.M)	Agricultural Economics (C.M)	FRI	Economics of Infrastructure (C.M)	Economics of Demography (V.M)	Economics of Infrastructure (C.M)	H	Library/Seminar	.....
SAT	Advanced Macro Economics (V.M)	Statistical Methods in Economics (C.M)	Advanced Micro Economics (V.M)		Library/Seminar	SAT	Econometrics-II (C.M)	Public Economic (V.M)	Project Work (V.M)		Library/Seminar	

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Sl. No.	Topics Covered	No. of hours per week -3hrs	Total hours
1	UNIT-1 Introduction: The Role of Algorithm in computing, Algorithm as a technology, Analysing algorithms.	I week	12HOURS
	Designing Algorithms, Growth of Functions, Asymptotic Notation, Standard Notations and common functions	II Week	
	Fundamental Algorithms: Exchange the value of two variables, Counting, Summation of a set of numbers.	III Week	
Factorial computation, Generating of the Fibonacci sequence			
5	Reversing the digits of an Integer, Character to Number conversion		
3	UNIT-2 C Programming: Getting started, Variables and Arithmetic expressions, Standard Input and Output, Formatted output-printf.	IV Week	12hrs
	Variable length argument list, formatted input-scanf.	V Week	
	Control flow statements and Blocks: If else, else-if, Switch.		
	Loops:while loop, for loop,do-while, break and Continue		
	goto and labels, Pointers and arrays: Pointers and address, pointers and function arguments, multidimensional array, initialization of pointer arrays, command line arguments.	VI Week	
2	UNIT-3 Factoring methods: Finding the square root of a number, the smallest Divisor of an Integer	VII Week	12hrs
	The greatest common divisor of two integers, Computing the prime factors of an integer	VIII Week	
	Generation of pseudo random numbers, raising a number to a large power,		
	Array techniques: Array order reversal, Array counting or Histogramming.		
	Finding the maximum number in a set, removal of duplicates from an ordered array, Partitioning an array, Finding the kth smallest element, multiplication of two matrices	IX Week	
4	UNIT-4 Merging:the two-way merge, Sorting:sorting by selection,	X Week	12hrs
	Sorting by exchange, sorting by insertion	XI Week	
	Sorting by diminishing increment, Sorting by partitioning		
	Searching: Binary search, Hash search	XII Week	
	Text processing and pattern searching, text line length adjustment, Keyword searching in text, text-line editing, linear pattern search		

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Sl.no	Date	Topics Covered	Total No of Hours-48
1.	1 st week	Unit - 1: Introduction and Overview: Definition, Elementary data organization, Data Structures, data Structures operations, Abstract data types, algorithms complexity, time-space trade off.	3 hours per week Total 12 hours for unit I
2.	2 nd week	Preliminaries: Mathematical notations and functions, Algorithmic notations, control structures, Complexity of algorithms, asymptotic notations for complexity of algorithms.	
3.	3 rd week	Arrays: Definition, Linear arrays, arrays as ADT, Representation of Linear Arrays in Memory, Traversing Linear arrays, Inserting and deleting, Multi-dimensional arrays, Matrices and Sparse matrices.	
4.	4 th week	Unit-2: Linked list: Definition, Representation of Singly Linked List in memory, Traversing a Singly linked list, Searching in a Singly linked list, Memory allocation, Garbage collection, Insertion into a singly linked list, Deletion from a singly linked list;	3 hours per week Total 12 hours for unit II
5.	5 th week	Doubly linked list, Header linked list, Circular linked list Stacks: Definition, Array representation of stacks, Linked representation of stacks, Stack as ADT, Arithmetic Expressions: Polish Notation, Conversion of Infix expression to postfix expression,	
6.	6 th week	Evaluation of Post fix expression, Application of Stacks, Recursion, Towers of Hanoi, Implementation of recursive procedures by stack. Queues: Definition, Array representation of queue, Linked list representation of queues. Types of queue: Simple queue, Circular queue, Double-ended queue, Priority queue, Operations on Queues, Applications of queues.	
7.	7 th week	UNIT-3 Binary Trees: Definitions, Tree Search, Traversal of Binary Tree, Tree Sort, Building a Binary Search Tree, Height Balance: AVL Trees, Contiguous Representation of Binary Trees: Heaps,	3 hours per week Total 12 hours for unit III
8.	8 th week	Lexicographic Search Trees: Tries, External Searching: B-Trees, Applications of Trees.	
9.	9 th week	Graphs: Mathematical Back ground, Computer Representation, Graph Traversal, Topological Sorting	
10.	10 th week	UNIT-4 Searching: Introduction and Notation, Sequential Search, Binary Search, Comparison of Methods.	3 hours per week Total 12 hours for unit IV
11.	11 th week	Sorting: Introduction and Notation, Insertion Sort, Selection Sort, Shell Sort, Divide And Conquer, Merge sort for Linked List, Quick sort for Contiguous List.	
12.	12 th week	Hashing: Sparse Tables, Choosing a Hash function, Collision Resolution with Open Addressing, Collision Resolution by Chaining.	

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2022-2023

BCA VI SEMESTER BCA602T PROFESSIONAL AND BUSINESS COMMUNICATION

TOTAL HOURS= 65 HOURS

No. of Hours / Week: 05

Sl No	WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit - I :COMMUNICATING AND LEADING AT WORK: Communication & Leadership Communication: Making sense and sharing sense Influencing other through Communication Applying Communication Principles art work Using Verbal & non verbal Messages Listening & Responding	13 HOURS
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit – II:WORK CULTURE Social Style Difference Culture Difference Gender Difference Generational difference Relating to your Manager, Co-workers & those you lead Understanding Conflict Styles Managing Conflict at work	13 HOURS
3	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit - III :INTERVIEWING PRINCIPLES & RESUME DEVELOPMENT Preparing the interview, Structuring the interview, Conducting the Interview Interview Ethics, Types of Interview, Resume writing, Cover Letter Preparation Frequently asked questions at Interviews Mock Interview sessions	13 HOURS
4	10 th Week 11 th Week 12 th Week	Unit – IV: COLLABORATING IN TEAMS Elements of Team Work Understanding & improving Team Dynamics Meeting Essentials Preparing for Meetings Meeting Agenda & Minutes of the Meeting	13 HOURS
5	13 TH Week 14 th Week 15 th Week	Unit – V:DEVELOPING PROFESSIONAL SKILLS Preparing & Organizing a Presentation, Understanding Audience & Researching Topic Methods of delivering Presentation, Effective delivery Strategies, Presentation Aids Making Special Presentations, Developing Business Writing Skills using Technology & email. Writing Business Letters: Correspondence, Complaint Letters Writing Business Documents; Circular, Memo, Sales Proposals, Progress & Activity Reports, Debates, Extempore Group Discussion	13 HOURS
		TOTAL HOURS=	65 HOURS

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2022-2023

BCA VI SEMESTERCA-BCA-603T : WEB PROGRAMMING

TOTAL HOURS= 60 HOURS

No. of Hours / Week: 04

SI N	WEEKS	TOPICS COVERED	NO OF HOURS	TOTAL HOURS
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit - I : Fundamentals of Web: Internet – World Wide Web - Web Browsers - Web Servers – URLs – MIME – Internet Security - The Web Programmers Toolbox. JavaScript and HTML Documents: The JavaScript execution environment - The Document Object Model - Element access in JavaScript - Events and event handling - Handling events from the Body elements, Button elements, Text box and Password elements - The DOM 2 event model - The navigator object - DOM tree traversal and modification	5 HOURS 5 HOURS 5 HOURS	15 HOURS
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit - II : Dynamic Documents with JavaScript: Introduction to dynamic documents - Positioning elements - Moving elements - Element visibility - Changing colours and fonts - Dynamic content - Stacking elements - Locating the mouse cursor - Reacting to a mouse click - Slow movement of elements - Dragging and dropping elements. XML: Introduction – Syntax - Document structure - Document Type definitions - Namespaces - XML schemas - Displaying raw XML documents - Displaying XML documents with CSS - XSLT style sheets - XML Processors - Web services.	5 HOURS 5 HOURS 5 HOURS	15 HOURS
3	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit - III : Introduction to PHP: The Structure of PHP-Using Comments -Basic Syntax -Variables Operators -Variable Assignment -Multiple-Line Commands -Variable Typing -Constants Predefined Constants -The Difference Between the echo and print Commands - Functions Variable Scope, Expressions and Control Flow in PHP: Operators -Operator Precedence - Associatively Relational Operators - Conditionals: The if Statement -The else Statement - The elseif Statement -The switch Statement - The ? Operator - Looping: while Loops - do...while Loops for Loops -Breaking Out of a Loop-The continue Statement	5 HOURS 5 HOURS 5 HOURS	15 HOURS
4	10 th Week 11 th Week 12 ^a Week	Unit - IV : PHP Functions and Objects: PHP Functions - Defining a Function - Returning a Value Returning an Array - Do Not Pass Arguments by Reference - Returning Global Variables. PHP Arrays: Numerically Indexed Arrays - Associative Arrays - Assignment Using the array Keyword - The for each...as Loop -Multidimensional Arrays - Using Array Functions-Date and Time Functions, File Handling: Checking Whether a File Exists - Creating a File - Reading from Files - Copying Files - Moving a File - Deleting a File - Updating Files - Locking Files for - Multiple Accesses Reading an Entire File - Uploading Files, Exception Handling, Cookies and connecting to database	5 HOURS 5 HOURS 5 HOURS	15 HOURS
TOTAL HOURS=				60hours

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CA-C13T: PYTHON PROGRAMMING III SEM BCA

Total Teaching Hours: 48

No. of Hours/Week: 03

Sl NO	WEEKS	TOPICS COVERED	TOTAL NO OF HOURS/ WEEK
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	<p>Unit I: Parts Python Programming Language: Python Interpreter/Shell, Identifiers, Keywords, Statements and Expressions, Variables, Operators, Precedence and Associativity, Data types, Indentation, Comments, Reading Input, Print Output, Type Conversions, The type() function and Is operator, Dynamic and Strongly Typed Language. Control Flow Statements: The if Decision Control Flow Statement, The if...else Decision Control, Flow Statement, The if...el if...else Decision Control Statement, Nested if Statement, The while Loop, The for Loop, The continue and break Statements. Functions: Built-In Functions, Commonly Used Modules, Function Definition and Calling the Function, The return Statement and void Function, Scope and Life time of Variables, Default Parameters, Command Line Arguments. Strings: Creating and Storing Strings, Basic String operations, Accessing Characters in String by Index Number, String Slicing and Joining, String methods</p>	12 Hours
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	<p>Unit II: Lists: Creating Lists, Basic List Operations, Indexing and Slicing in Lists, Built-In Functions Used on Lists, List Methods, The del Statement, Dictionaries: Creating Dictionary, Accessing and modifying key: value pairs in Dictionaries, Built-In Functions Used on Dictionaries, Dictionary methods, The del Statement. Tuples and Sets: Creating Tuples, Basic Tuple Operations, Indexing and Slicing in Tuples, Built-In Functions Used on Tuples, Relations between Tuples and Lists, Relations between Tuples and Dictionaries, Tuple Methods, Using zip () Function, Sets, Set Methods, Frozen et.</p>	12Hours
3.	7 TH WEEK 8 TH WEEK 9 TH WEEK	<p>Unit III: Files: Types of files, Creating and Reading Text Data, File Methods to Read and Write Data, Reading and Writing Binary Files, The Pickle module, Reading and writing CSV files, Object-Oriented Programming: Classes and Objects, Creating Classes in Python, Creating Objects in Python, The Constructor Method, Classes with Multiple Objects, Class Attributes versus Data attributes, Encapsulation, Inheritance, The Polymorphism.</p>	12 Hours
4	10 th Week 11 th Week 12 th Week	<p>Unit IV: Data Visualization: Generating Data-Installing Matplotlib, Plotting a Simple Line Graph, Random Walks, Rolling Dice with Plotly. Downloading Data- The CSV File Format, Mapping Global Data Sets: JSON Format, Working with APIs: Using a Web API, Visualizing Repositories Using Plotly.</p>	12 Hours
		TOTAL HOURS=	48 HOURS


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CA-C12T: COMPUTER NETWORKS III SEM BCA

Total Teaching Hours: 48

No. of Hours/Week: 03

SI. NO	WEEKS	TOPICS COVERED	TOTAL NO OF HOURS/ WEEK
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit I: Introduction: Data Communications, Networks, Network Types, Internet History, Network Models: Protocol Layering, The OSI Model, TCP/IP Protocol Suite, Introduction to Physical Layer: Transmission Impairments, Data Rate Limits, Performance, Introduction to Data-Link-Layer: Link-Layer Addressing, Error Detection and Correction: Block Coding, Cyclic Codes, Checksum	12 Hours
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit II: Data Link Control: Data-Link Layer Protocols, HDLC, Point-To-Point (PPP), Media Access Control(MAC): ALOHA, CSMA, CSMA/CD, CSMA/CA, Reservation, Polling, Token Passing, FDMA, TDMA,CDMA	12Hours
3	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit III: Introduction to Network Layer: Network-Layer Services, Packet Switching, Network-Layer Performance, IPV4 Addresses, Network Layer Protocols: Internet Protocol (IP), ICMPv4, Mobile IP, Unicast Routing: Routing Algorithms, Unicast Routing Protocols, Next Generation IP: IPv6 Addressing	12 Hours
4	10 th Week 11 th Week 12 th Week	Unit IV: Introduction to Transport Layer: Introduction, Transport-Layer Protocols, Transport-Layer Protocols: User Datagram Protocol, Transmission Control Protocol: TCP Services, TCP Features, Segment, A TCP Connection, TCP Congestion Control, Flow Control, Error Control, Application Layer: WWW, E-MAIL, Domain Name System (DNS), Quality of Service: Flow Control To Improves QoS, Integrated Services	12 Hours
TOTAL HOURS=			48 HOURS

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BCA IV SEM BCA405T SOFTWARE ENGINEERING

TOTAL HOURS= 65 HOURS

No. of Hours / Week: 05

SI NO	WEEKS	TOPICS COVERED	TOTAL NO OF HOURS/ WEEK
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit I: Introduction: Software Products and Software process, Process models: Waterfall modal, Evolutionary Development, Bohemia's Spiral model, Overview of risk management, Process Visibility, Professional responsibility. Computer based System Engineering: Systems and their environment, System Procurement, System Engineering Process, System architecture modeling. Human Factors, System reliability Engineering. Requirements and Specification: The requirement Engineering Process, The Software requirement document, Validation of Evolution of requirements, View point oriented & method based analysis, system contexts, and Social7 organizational factors. Data flow, Semantic, Objects, models, Requirement Specification, Non functional requirement.	13 Hours
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit II: Software Prototyping: Prototyping in software process, Prototyping techniques, User interface prototyping. Software Design: Design Process, Design Strategies, Design Quality , System Structuring control models, Modular decomposition, Domain Specific architecture	13 Hours
3.	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit III: Object Oriented & function oriented design: Objects, object Classes and inheritance Object identification, An object oriented design example, Concurrent Objects, Data flow design Structural decomposition, Detailed Design, A Comparison of design Strategies. User interface design: Design Principles, User System interaction, Information Presentation, User Guidance, Interface Evaluation	13 Hours
4	10 th Week 11 th Week 12 th Week	Unit IV: Software Reliability and reusability : Software reliability metrics , Software reliability Specification, Statistical testing ,Reliability Growth modeling, Fault avoidance& tolerance, Exception handling& defensive programming , Software development with reuse, Software' development for reuse , Generator based reuse, Application System Portability	13 Hours
5	13 th Week 14 th Week 15 th Week	Unit-V Software Verification and Validation: The testing Process, Test Planning & Strategies, Black Box , Structural, interface testing , Program inspections , Mathematically based verification, Static analysis tools, Clean room software development. Management Issues: Project management, Quality management, Software cost estimation, Software maintenance	13 Hours
TOTAL HOURS=			65HOURS

BCA IV SEMESTER CA-C18T: INTERNET TECHNOLOGIES

TOTAL HOURS= 48 HOURS

No. of Hours / Week: 03

Sl NO	WEEKS	TOPICS COVERED	NO OF HOURS	TOTAL NO OF HOURS
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit - I : Interconnected Network: Internet: The Giant Wide Area Network, Communicating over the Internet, Accessing the Internet, Internet Organizations, Cyber Ethics, Internet Applications: Internet services, Electronic Mail(E-Mail), File Transfer, Real-Time User Communication, Remote Login , Usenet, World Wide Web: The Web, The Working Web, Web Terminology, Web Architecture, World Wide Web Challenges.	4 HOURS 4 HOURS 4 HOURS	12 HOURS
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit - II Hypertext Transfer Protocol (HTTP): HTTP, HTTP Version, HTTP connections, HTTP Communication, Hypertext Transfer Protocol Secure, Hypertext Transfer Protocol State Retention: Cookies, Hypertext Transfer Protocol Cache, Evolution of Web: The Generations of Web, Web 1.0, Web 2.0, Web 3.0, Big Data: A Special Discussion, Web IR: Information Retrieval on the Web: Web Information Retrieval, Web Information Retrieval Tools, Web Information Retrieval Architecture (Search Engine Architecture), Web Information Retrieval Performance Metrics, Web Information Retrieval Models, Google Page Rank.	4 HOURS 4 HOURS 4 HOURS	12 HOURS
3	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit - III Web Development Basics: Elements of Web Development , Client-Side and Server-Side Scripting, Model-View-Controller Architecture for Web Application Development, Client-Side Technologies: HTML: Hypertext Markup Language, CSS: Cascading Style Sheets, JavaScript, Bootstrap Framework, Angular JS Framework, Server-Side Technologies: Server-Side Scripting, Personal Home Pages, Node.js: Server-Side JavaScript	4 HOURS 4 HOURS 4 HOURS	12 HOURS
4	10 th Week 11 th Week 12 th Week	Unit - IV Web Application Frameworks: Django, Ruby on Rails. Web Databases: Web Database, Structured Query Language: Relational Databases, No SQL Databases: Non-relational and Distributed Data, Understanding Popular Databases. Research Trends on the Web: Contextual Information Retrieval, Web Mining.	4 HOURS 4 HOURS 4 HOURS	12 HOURS
TOTAL HOURS=				48 HOURS

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BCA VISEM BCA601T: SYSTEM PROGRAMMING

Total Teaching Hours: 65

No. of Hours/Week: 05

SI NO	WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	1 ST WEEK 2 ND WEEK 3 RD WEEK	Unit I: Background; Machine Structure, Evolution of the Components of a Programming System, Assembler, Loaders, Macros, Compilers, Formal Systems. Machine Structure, Machine Language and assembly language: General Machine Structure, Machine Language, Assembly Language	13 Hours
2	4 TH WEEK 5 TH WEEK 6 TH WEEK	Unit II: Assemblers: General Design Procedure, Design of assembler, Statement of Problem, Data structure, Format of databases, algorithm, look for modularity, Table Processing: Searching and Sorting. The Problem, Searching a table, linear Search, binary Search, Sorting, interchange sort, Shell Sort, Bucket Sort, Radix Exchange Sort, address calculation sort, comparison of sorts, hash or random entry searching.	13 Hours
3	7 TH WEEK 8 TH WEEK 9 TH WEEK	Unit III: MACRO LANGUAGE AND THE MACRO PROCESSOR: Macroinstruction, Features of macro Facility, Macro instruction arguments, conditional macro Expansion, macro calls within macros, macro Instructions defining macros, Implementation, Statement of problem, implementation of a restricted facility, A two pass algorithm. A single pass algorithm, implementation of macro calls within macros. Implementation within an assembles.	13 Hours
4	10 th Week 11 th Week 12 th Week	Unit IV: LOADERS: Loader schemes, Compile & go, General loading Scheme, absolute loaders, Subroutine Languages, Relocating loaders, Direct linking loaders, other loading Schemes — Binders, linking loaders, Overlays, Dynamic binders. Design of absolute loader, Design of a Direct linking loader Specification of problem, Specification of data structure, format of data bases algorithm.	13 Hours
	13 th Week 14 th Week 15 th Week	Unit V: COMPILED: Statement of problem, Problem 1: Recognizing basic Elements, Problem 2: Recognizing Syntactic units & interpreting meaning, Problem 3: Storage Allocation, Problem 4: Code Generation. Optimization (machine independent) optimization (machine dependent), Assembly Phase, General Model of compiler. PHASES OF COMPILERS: Simple Structure of Compiler, Brief introduction to 7 Phases of Compilers	
		TOTAL HOURS=	65 HOURS

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III SEM BA/B.Sc SEC (Artificial Intelligence)

Total Teaching Hours: 36

No. of Hours/Week: 03

SI NO	TOPICS COVERED	TOTAL NO OF HOURS/ WEEK
	<p>Course- 1: Azure AI Fundamentals AI -900 pathway consists of 5 courses and 2 reading material: i. Introduction to AI on Azure ii. Use visual tools to create machine learning models with Azure Machine Learning. iii. Explore computer vision in Microsoft Azure iv. Explore natural language processing v. Explore conversational Ai vi. Tune Model Hyper parameters- Azure Machine Learning (Reading) vii. Neural Network Regression: Module Reference – Azure Machine Learning (Reading)</p>	05 Hours
2	<p>Practical 1. Prepare the data 2. Model the data 3. Visualize the data 4. Analyze the data 5. Deploy and maintain deliverables</p>	13 Hours
3.	<p>Course – 2 Data Analyst Associate (DA- 100) DA-100 pathway consists of 5 courses and 2 reading material: 1. Get started with Microsoft Data Analytics 2. Prepare data for analysis 3. Model data in Power BI 4. Visualize data in Power BI 5. Data Analysis in Power BI 6. Manage workspaces and datasets in Power BI 7. Key Influencers Visualizations Tutorials- Power BI 8. Smart Narratives Tutorial- Power Bi | Microsoft Docs</p>	05 Hours
	<p>Practical 1. describe Artificial Intelligence workloads and considerations 2. Describe fundamental principles of machine learning on Azure 3. Describe feature of computer vision workloads on Azure 4. Describe feature of Natural Language Processing (NLP) workload on Azure</p>	13 Hours
TOTAL HOURS=		36 HOURS

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I Semester BA/B.Sc
Digital Fluency

II SEM BA/B.Sc SEC

Total Teaching Hours: 45

118

No. of Hours/Week: 03

SI NO	TOPICS COVERED	TOTAL NO OF HOURS/ WEEK
1	Unit I: Operating Systems, types of operating systems, major functions of the operating systems, types of user interface, examples of operating systems: MS-DOS, Windows, MacOS, Linux, Solaris, Android. Office automation tools: word processor, power point, and spread sheet.	05 Hours
2	Unit II: Introduction to Computer Networks, Evolution of Networking, types of networks, Network devices-Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, and Gateways, Identification of Nodes in a Networked Communication, Internet, Web and the Internet of Things, Domain Name Systems. Security Aspects-Threats and Prevention, Malware- virus, Worms, Ransom ware, Trojan, spyware, adware, key loggers, Modes of Malware distribution, Antivirus, HTTP vs. HTTPS, Firewall, Cookies, Hackers and Crackers	05 Hours
3	Unit III: . Database Management Systems, Relational Data Model. Introduction to e-learning platforms such as Swayam, and MOOC. Virtual Meet: Technical Requirements, Scheduling a meeting, joining virtual meet, recording the meeting, Online Forms: Creating questionnaire, Publishing Questionnaire, conducting online responses, Analyzing the responses, copying graphics into power point, Downloading the response to spreadsheet. Introduction to societal impacts, Digital Foot prints, Digital Society and Netizen, Data Protection, E-waste, Impact on Health.	05 Hours
4	Laboratory Activities: Identifying the configuration of a computer system, laptop, and a mobile phone, Identifying the version and the configuration of the operating system of a computer, laptop, and a mobile phone, Identifying the network components like patch cord, switch, RJ 45 Jack, Socket and wireless router, creating a hotspot from a mobile phone, and allowing others to use the hotspot, creating a Google form, and send it to five users, scheduling a virtual meet and invite three people to join the Google meet, record the virtual Meet, Creating an account in the railway reservation website, IRCTC, and finding trains from Tumkur to Hubli, creating a one minute video of your choice in your native tongue, and upload the video to YouTube, composing word document, creating tables, creating charts, preparing power point slides, simple computation using spread sheet.	30 Hours
TOTAL HOURS=		45 HOURS

Satya

Head of the Dept. of Computer Science
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Class : I B.A ,B.C.A, B.Sc,

No of hours :- 2 Hours per week

I Semester

Total No of hours :- 28 Hours

SL.NO	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01		Unit 1:- Theory	2 hr
	I st week	a. Meaning, Definition and	
	II nd Week	Importance of Health & Wellness.	2hr
	III rd Week	b. Dimensions of Health and Wellness	2 hr
	IV th Week	c. Role of Exercise in maintining Health & Welnes	2 hr
02	I st Week	d. Causes of Stress &	2 hr
	II nd Week	Stress relief through Exercise	2 hr
	III rd Week	e. Nutrition for Health and Wellness	2 hr
	IV th Week	Unit 2:- Practicals- Exercises for Health and Wellness	2 hr
03		1. Warming-Up	
	I st Week	2. Stretching Exercises	2 hr
	II nd Week	3. Strengthening Exercises	2 hr
	III rd Week	4. Cardiovascular Exercises	2 hr
	IV th Week	5. Flexibility	2 hr
04	I st Week	Agility Exercises	2hr
		6. Relaxation techniques	2 hr



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DEPARTMENT OF PHYSICAL EDUCATION

YOGA

LESSON PLAN -2022-23

Class : I B.A ,B.C.A, B.Sc,

No of hours :- 2 Hours per week

I Semester

Total No of hours :- 28 Hours

SL.NO	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01		Unit 1:-Asanas	2 hr
	I st week	Yoga Stretchings, Suryanamaskara (Warming-up),	
	II nd Week	Standing Asanas, Sitting Asanas,	2hr
	III rd Week	Prone position Asanas, Supine position Asanas,	2 hr
	IV th Week	Meditative Asanas, Relaxation Asana	2 hr
02	I st Week	Unit 2:- Pranayama	2 hr
		Vibhagiya Pranayama, Sukha Pranayama,	
	II nd Week	Kapalabathi / Basthrika, Anuloma-Viloma/ Nadishuddhi,	2 hr
	III rd Week	Brahamari Pranayama,	2 hr
	IV th Week	Shithali/Shitkari/Sadhantha,	2 hr
03	I st Week	ShwanaLion Breath	2 hr
	II nd Week	Swasha-Lion Breath	2 hr
	III rd Week	Unit 3: Meditation: Zen Meditation,	2 hr
	IV th Week	Vipassana,. Etc.,	2 hr
04	I st Week	Yoga Intramural Competitions	2hr
			2 hr



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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC -1 Political History of Karnataka (BCE-300to CE1000)

From :- September to January

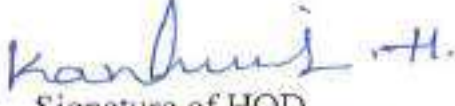
Total no of hrs :- 39/42

Sem :- I SEM. B.A (PAPER I)

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	September	Ist Week	Unit-1 Introduction Chapter -1 Survey of sources Pre historic culture.	3 hr
		IIrd Week	Chapter No.2. Formation of State Kingship – Duties and Functions of King and his Ministers- Saubhagya theory	4 hr
		IIIrd Week	Chapter No.3. Rituals and Sacrifices- Caturahar ritu trayo – Rigasya- Yajnya	3 hr
		IV Week	Unit -2 Early Beginnings. Chapter No.4 The Mauryas – Pre Satavahanas - Kadambas of Banavasi	5 hr
02	October	Ist Week	Chapter No.5. The Gangas of Talakad - Durvinittha The Nolambas	2 hr
		IIrd Week	Chapter No. 6. Age of Empires Chaukyas of Badami – Pulises II - I'	2 hr
		IIIrd Week	The Rastrakutas – Amoghavarsh Nripatunga.	3 hr
		IVth Week	Unit-3 Pre Medieval Powers	2 hr
03	November	Ist Week	Chapter No. 7. Chalukyas of Kalyana-Talaka-II-	3 hr
		IInd Week	Vistamadraya VI - Someshwara III.	2 hr
		IIIrd Week	Chapter No. 8. Central and Provincial Administration – The Satavahanas-	3 hr
		IVth Week	Kadambas of Banavasi – The Gangas of Talakadu.	3 hr
04	December	Ist Week	The Rastrakutas	1hr
		IIIrd Weeks	Map work-	2 hr

		IIIrd Week	<ul style="list-style-type: none"> • Kadamba kingdom under Kakusthavarma • Ganga kingdom under Durvinitha • Badami chalukyan empire under Amoghavarsha • Rastrakutas of manyaketa under Amogavarsha 	2 hr
		IVth Week	Historical Places: Bramagiri, Maski, Halmidi, Banavasi, Balligave, Talakadu, Badami, Aihole, Pattadakal, Manyaketa, Sannathi, Talagunda, sravanabelagola,	
05	January	Ist Week	Dairy	2 hr
		IInd Week	Revision & test	1 hr
		IIIrd Week	Revision & test	1hr
		IVth week	Revision & test	1 hr
				Total ~42 Hours


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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC-2 Cultural Heritage of India

From :- September to January


Total no of hrs :- 39/42

Sem :- I SEM. B.A (PAPER 2)

Name of the faculty :- KANTILARAJ H

Sl.No	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	September	Ist week	Unit -1 Introduction Chapter No.1 Meaning, Historical Cultural Heritage-Concepts.	3 hr
		II nd Week	Characteristics-Types of Indian Cultural Heritage: Tangible, Intangible, Oral and Living traditions.	3 hr
		III rd Week	Chapter No.2, Significance of Fairs and Festivals, Religious Rituals, Regional, Folk, Tribal, National – Monsoon Fairs – Annual Fairs	3 hr
		IV th Week	Chapter No.3. Pilgrimage Centers of India – Kashi, Rameswara, Amravathi, Mount Abu, Ajmer, Shrivaranbelagola, Gujarga, Arrithsar, Goa, Velupani,	3 hr
02	October	Ist Week	Unit -2 Legends, Narratives and Cultural Ethos	2 hr
		II nd Week	Chapter No.4 Meaning, Significance, Forms and Tradition of Legends.	2 hr
		III rd Week	Puranic Legends-Ramayana and Mahabharata Panchatantra, Jataka.	3 hr
		IV th Week	Chapter No.5. Traditional Performing Arts – Bharat Nitya Shastri: The Source of Performing Indian Classical Arts	2 hr
03	November	Ist Week	Chapter No.6. Indian Classical Music --Dances as Cultural Heritage, Oral Tradition and Performing Arts – Carnatic Music and Hindustani Music -- Indian Theatre.	3 hr
		II nd Week	Unit -3 Architecture and Built Heritage	2 hr
		III rd Week	Chapter No.7. Meaning, Definition and Ideas of Built Heritage	3 hr
		IV th	Chapter No.8. Important Monuments of India - Sanchi, Aihola, Shrivaranbelagola, Deewara temple.	3 hr

		Week:	Pattadakal,	
04	December	I st Week	Konark (Sun temple), Khajuraho, Mahabalipuram, Agra –Taj Mahal, Delhi- Redfort	1 hr
		II nd Week:	Map work-	2 hr
		III rd Week	<ul style="list-style-type: none"> • Any Five worlds heritage sites of india and write a note • Any five pilgrimage center of india and write a note. • Any five centers of Architecture and write a note 	2 hr
		IV th Week	Historical Places: Delhi, Prayaga, Saranatha, Sanchi, Nalanda, Ellora, Puri, Varanasi, Rameshwaram, Hampi, Madurai, Shravanabelagola, Thanjavur and Agra.	
05	January	I st Week	Dairy	2 hr
		II nd Week	Revision & test	1 hr
		III rd Week	Revision & test	1hr
		IV th Week	Revision & test	1 hr
				Total =42 Hours


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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-05 MODERN EUROPE TO 1945 CE

From: - November to March

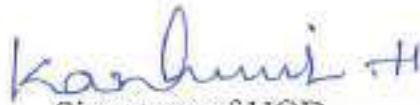
Total no of hrs: - 55

Sem :- V SEM B.A

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
			Unit:1 -Introduction	
01	November	I st week	Geographical Discoveries, Renaissance.	3 hr
		II nd Week	Reformation, Counter reformation.	3 hr
		III rd Week	Unit:2 – Europe as a colonial power Industrial Revolution- Impact, Transformation of Europe	3 hr
		IV th Week	Africa and east Asia Expansion	3 hr
02	December	I st Week	Unit:3- French Revolution Causes and Results of Revolution, National Assembly	3 hr
		II nd Week	Napoleon Bonaparte life and Achievements	3 hr
		III rd Week	Continental system Congress of Vienna, Metternich, Revolution of 1830 and 1848	3 hr
		IV th Week	Unit:4 - National & Unification Mazzini	3 hr
03	January	I st Week	Mazzini Cavour, Victor Emmanuel I Unification of Germany	3 hr
		II nd Week	Bismarck German Empire Russian Revolution	3 hr

		III rd Week	Unit:5 - I Word war Causes & Results Paris peace League of Nations	3 hr
		IV th Week	Rice of Dictatorship Hitler & Mussolini	3 hr
04	February	I st Week	II word war,United nation Organization & Aftermath.	3 hr
		II nd Week	Map work- Industrial & french Revolution Ital & German centers	3hr
		III rd Week	I & II World Wars Centers.	3 hr
		IV th Week	Dairy	
05	March	I st Week	Revision & test	2 hr
		II nd Week	Revision & test	2 hr
		III rd Week	Revision & test	2 hr
		IV th Week	Revision & test	2 hr
				Total =52 Hours


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DEPARTMENT OF HISTORY

LESSON PLAN 2022-23

PAPER-06 HISTORY OF KARNATAKA UPTO 1956

From :- November to March

Total no of hrs :- 52

Sem :- V SEM B.A

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
			Unit:1 State formation of Karnataka	
01	November	Ist week	Mauyan period-Sataharaingas-Kadambas Administration.	3 hr
		II nd Week	Chalukyas-Buttrakutas & Chalyuka Administration	3 hr
		III rd Week	Hoysales- Vijayanagara's Bahamani's Adilshahis Administration	3 hr
		IV th Week	Unit:2- Society and Economy Land grants, Agraharis Economic trade Ayra role 500 Agrarian economy	3 hr
02	December	Ist Week	Science- Cultural Synthesis, Reven. Administration	3 hr
		II nd Week	Art & Architecture: Shilpa,panayakana shilpa.	3 hr
		III rd Week	Unit:3- British colonial power Hyderali and Tipu's rule.	3 hr
		IV th Week	Tipu's Economic reforms	3 hr
03	January	Ist Week	Mysore state Commissioners Rule	3 hr
		II nd Week	Unit:4- Cultural revolution	3 hr

			Vachana movement- Basavanna, Akkamahadevi	
		III rd Week	Dasa movement, Sufism	3 hr
		IV th Week	Unit:5- Emergence of National Movement Unification movement, Various phases, Contemporary Issues. Backward class, Dalit movement	3 hr
04	February	I st Week	River disputes Environmental Protection movements	3 hr
		II nd Week	. Map work- Chaukyan empire Rastrakuta Empire Tippu Empire	6 hr
		III rd Week		
		IV th Week	Dairy	
05	March	I st Week	Revision & test	2 hr
		II nd Week	Revision & test	2 hr
		III rd Week	Revision & test	2 hr
		IV th Week	Revision & test	2 hr
				Total ~52 Hours

Kanhuri H.

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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER:07 Bangalore in Time & Space

From: - April to August

Total no of hrs:- 52

Sem :- VI SEM. B.A

Name of the faculty :- KANTHARAJ H

S.L.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	April	I week	Unit:1- Introducing Bangalore -Historical Geography-political divisions- topography and natural resources.	3 hr
		II Week	Climate and seasons-Illuv and fauna- economic resources and social wealth.	3 hr
		III Week	Pre-History to early Historical period	3 hr
		IV Week	Unit:2- Historical period beginning- Demography and ethnic variety- Influences from Sikh-Buddhism- Jain- Christian communities	3 hr
		V Week	Social hierarchy and cast system-social mobility- changing demographic pattern	2 hr
02	May	I Week	Unit:3- Towards a major transition- Western ganges, colamban, cholas and Hoysalas	3 hr
		II Week	Vijayanagara-Yalahanka naca brahmi- Kempe Gowda-Social impact of new land settlement in the medieval period- Entry of Europeans -	3 hr
		III Week	trade and commerce-colonial interference-Iveer Af. Lign Sultan Bangalore as seen by the Foreigners- Buchanan, William Arthur.	3 hr
		IV Week	Unit:4. Towards Modern Bangalore; The Wodeyars-Uwans' Rule-handicrafts and small industries-Textiles-silk-lampy- rice-exhibery, etc. -	3 hr
03	June	I Week	Development of industries-communication and professionals-urbanization and new towns-rise of the small town gentry-Synthesis of urban-Rural	3 hr

			culture.	
		II Week	-Major cults-Festivals,Folk-culture-Christian missionaries-Emergence of community Associations	3 hr
		III Week	Development of science and Information Technology-IISc Bangalore- Electronic city	3 hr
		IV Week	IT Corridor, Impact of IT & social changes- Environmental movements-Bangalore towards BBMP status.	3 hr
04	July	I Week	Map work- Boundary of Yelahanka Nadaprabhus	6 hr
		II Week	New major layouts of 20 th sentury Bangalore BBMP Boundary limits(upto 2010)	
		III Week	Dairy	
		IV Week	Revision & test	2 hr
05	August	I Week	Revision & test	2 hr
Total =52 Hours				

Kanhuji H.

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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER:08 SELECT DEBATE INDIAN HISTORY

From: - April to August

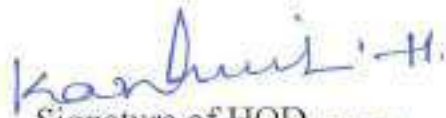
Total no of hrs: - 52

Sem :- VI SEM. B.A

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	April	I week	Unit:1 Indian antiquity-Harappan civilization Emmercy-Indus-script.	3 hr
		II Week	The Aryan Origin- Invention and Migration	3 hr
		III Week	Arya-Dravida-Debate-Varna-System	3 hr
		IV Week	Unit:3 The golden age concept -feudalism	3 hr
		V Week	As a rise mode of Production.	3 hr
02	May	I Week	Oriental despotism	3 hr
		II Week	Unit:4 Perceptions of colonialism in india	3 hr
		III Week	English medium versus vernacular debate forms of nationalism	3 hr
		IV Week	Gandhi-Ambedkar debate social justice	3 hr
03	June	I Week	Unit-5. Debates on Medium of instruction	3 hr
		II Week	Communism versus capitalism	3 hr
		III Week	Civilian civil court	3 hr
		IV Week	Civilian civil court	3 hr

04	July	I Week	Historical Importance.	
		II Week	Places	6 hr
		III Week	Dairy	
		IV Week	Revision & test	2 hr
05	August	I Week	Revision & test	2 hr
				Total =52 Hours


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BANGALORE - 19**

DEPARTMENT OF HISTORY

LESSON PLAN -2021-22

PAPER-DSC 5 Political History of India

From :- November to February


Total no of hrs :- 39/42

Sem : III SEM B.A (PAPER 5)

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	November	I week	Unit:1 Towards civilization-Harappan and Vedic civilization	3 hr
		II Week	Chapter 1- Pre-Harappan cultures - extension of the Harappan culture- features of Ghirapur sites, Harappan, Mehrgarh, Lothal, Dholavira, Kalibangan	3 hr
		III Week	Chapter 2 -Debate on the decline of Indus civilization Debate on Harappan script - Sarasvathi	3 hr
		IV Week	Chapter 3 -Vedic literatures and Archaeological evidences - PGW- NHPW- Early tribal pastoral and agrarian society in the Gangetic Plains - Early and late Vedic polity	3 hr
		V Week	Unit:2- Socio-Political formations in the Indo-Gangetic plains nature of state	3 hr
		VI Week	Chapter -4- Formation of urban centers Mahajanapadas - Oligarchies, Monarchies and republics	3 hr
02	December	I Week	Chapter 5- Material setting of the formation of Jainism and Buddhism - Emergence of Mahajanapadas to the empire domination of Magadha-formation of Mauryan polity- Gupta polity.	3 hr
		II Week	Chapter 6 Asokan Edicts and Megasthenes's Indica - Arthashastra and early Indian	3 hr
		III Week	treatise on the theory of state -	3 hr
		II Week	Sapthanga nature of Asoka's Dhamma.	3 hr

		IV Week	Unit:3 Indian Polity	3 hr
03	January	I Week	Chapter 7 -Sangam Age- literature- polity and society.	3 hr
		II Week	Chapter 8. Debates on Indian feudalism: R.S Sharma- Herbans Mukhia	3 hr
		III Week	- Debates on South Indian state system.	3 hr
		IV Week	Unit-9. Advent of Islam- Arab conquest of Sindh - Arab trade.	3 hr
04	February	I Week	Map work- Boundary of Yelahanka Nadaprabhus	6 hr
		II Week	New major layouts of 20 th century Bangalore BBMP Boundary limits(upto 2010)	
		III Week	Dairy	
		IV Week	Revision & test	2 hr
05	March	I Week	Revision & test	2 hr
Total Hours				=52


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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC-6 Bangalore Time and Space.

From : November to February

Total no of hrs : 39/42

Sem :- III SEM B.A (PAPER 6)

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	November	I Week	Unit:1 – Introducing Bangalore Historical Geography-political divisions-topography and natural resources	3 hr
		II Week	Climate and seasons-flora and fauna economic resources and social wealth	3 hr
		III Week	Pre-History to early Historical period	3 hr
		IV Week	Unit:2- Historical period beginning- Demography and ethnic variety- Hindu- muslim- Sikh Buddhist Jain- christian communities	3 hr
		V Week	Social hierarchy and cast system-social mobility changing demographic pattern	3 hr
02	December	I Week	Unit:3- Towards a major transition- Western gangs, polamans, clerks and Hoysalas	3 hr
		II Week	Vijayanagara- Yacharika naha prabhu- Kempe Gowda-Social impact of new land settlement in the medieval period- Entry of colonialism	3 hr
		III Week	trade and commerce-commerce- Interference Hyder Ali,Tipu sultan- Bangalore as seen by the Foreigners Buchanan, William Arnold.	3 hr
		IV Week	Unit-4. Towards Modern Bangalore, the Wodeyars Diwans' Rule- hand crafts and small industries-Textile silk lanes rice eatery, etc---	3 hr
03	January	I Week	Development of industries-urbanization and professionals-urbanization-old and new towns rise	3 hr

			of the small town gentry-Synthesis of urban-Rural culture:	
		II Week	Unit-5. Eligion and Culture-Major cults-Festivals.Folk-culture-Christian missionaries- Emergence of community Associations	3 hr
		III Week	Development of science and Information Technology-IISc Bangalore- Electronic city	3 hr
		IV Week	IT Corridor, Impact of IT & social changes- Environmental movements-Bangalore towards BBMP status.	3 hr
04	February	I Week	Map work- Boundary of Yelahanka Nadaprabhus New major layouts of 20 th sentury Bangalore	6 hr
		II Week	BBMP Boundary limits(upto 2010)	
		III Week	Dairy	
		IV Week	Revision & test	2 hr
		VI Week	Revision & test	2 hr
Total Hours				=52

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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC- 7 History of Medieval India

From: - May to August

Total no of hrs: - 39/42

Sem: - IV SEM BA

Name of the faculty: - KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	May	I week	Unit-1 Interpreting Medieval Indian History Chapter-1. Medieval India- Survey of sources	3 hr
		II week	Chapter-2 Debate on Indian Feudal System- Land Revenue systems	3 hr
		III Week	Chapter-3. Feo-dal Society in Medieval India- Agrarian Reforms of Mughal and Vijayanagara Period.	3 hr
		IV Week	Bhakti Movement - Kabir, Natak, Meera Bai, Sri Chaitanya - Avars and Nayanmars- Sufi Movement.	3 hr
02	June	I Week	Unit – 2 Political Structure of Medieval India	2 hr
		II Week	Chapter No.4 Nature of State in Delhi Sultanate, Vijayanagar, Kingdom, and Mughal dynasties.	2 hr
		III Week	Chapter-5 Comparative study of Delhi Sultanate,	3 hr
		IV Week	Vijayanagara Polity and Mughals	2 hr
03	July	I Week	Chapter-6 Military Technology of Vijayanagara dynasties and Mughal	3 hr
		II Week	Development of Science and Technology in Medieval India	2 hr
		III Week	Unit -3. Provincial Kingdoms of India	3 hr
		IV Week	Chapter No.7 Palas, Panchalas and Rajputs	3 hr
04	August	I Week	Chapter No.8 Vijayanagara dynasty- Anuragapura	1 hr

			- Bahamanis administration, Muhamad Gawan - Adhil Shahis-Ibrahim Adil sha II,	
		II Week	Chapter No.9. The rise of the Marathas – Shivaji and his administration – Ashta Pradhana System.	2 hr
		III Week	Map work-	2 hr
		IV Week	Historical Importance: : 1. Agra 2. Fatchpur Sikri , 3. Delhi, 5. Mewar, 6. Hampi, 7. Honnavara, 8.Bhatkal,9.Raighad, 10.Tirupathi, 11. Anegondi, 12. Ajmer,13. Surat	
05	September	I Week	Dairy	2 hr
		II Week	Revision & test	1 hr
		III Week	Revision & test	1hr
		IV Week	Revision & test	1 hr
Total =42 Hours				


Signature of HOD

Head of the Department of History
APS College of Arts & Science
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Principal

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**A P S COLLEGE OF ARTS AND SCIENCE, N. R COLONY,
BANGALORE -19**

DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC- 8 CULTURAL HISTORY OF INDIA (From Saraswati - Indus culture to 1206 CE)

From: - May to August

Total no of hrs: - 39/42

Sem: - IV SEM B.A

Name of the faculty: - KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	May	I week	Unit 1 An Introduction to Indian Culture CHAPTER-1 Characteristics of Indian culture.	3 hr
		I Week	CHAPTER-2 Influence of Geography on Indian Culture	3 hr
		III Week	CHAPTER-3 Evolution of Religion and Philosophy in India -Ancient Period -	3 hr
		IV Week	Pre-Vedic and Vedic Religion, Buddhism and Jainism.	3 hr
02	June	I Week	UNIT-II A Brief History of Indian Languages and Literature	2 hr
		II Week	CHAPTER-4 Indian Languages - Nagari-Devanagar - Dravidian Language.	2 hr
		III Week	CHAPTER-5 Evolution of script : Harappan Script -	3 hr
		IV Week	Brahmi Script- Devanagar script.	2 hr
03	July	I Week	CHAPTER 6 History of literature: Sanskrit literature- The Vedas- Upanishads,	3 hr
		II Week	Epics - History of Buddhist and Jain Literature - Pali, Pranic	3 hr
		III Week	UNIT-III PERFORMING ART& ARCHITECTURE	3 hr
		IV Week	CHAPTER-7 Evolution of Architecture: Rock cut Architecture Monumntal Architecture Gandhara and Mathura Schools of Art - Hindu Temple Architecture - U-diar	3 hr

			Painting Tradition- paintings at Ajantha.	
04	August	I Week	CHAPTER-8 Performing Arts: Classical music: Hindustani and Carnatic Music. Dances of India: Classical and Regional.	1 hr
		II Week	CHAPTER-9 Expansion of Indian Culture in South East Asia	2 hr
		III Week	Map work-	2 hr
		IV Week	Historical Importance: : 1.Ayodhya, 2. Kashi, 3.Haridwara,4 Mathura,5.Takshashila, 6 Sanchi, 7.Ajantha ,8.Konark, 9.Aihole, 10.Mahabalipuram, ,	
05	September	I Week	Dairy	2 hr
		II Week	Revision & test	1 hr
		III Week	Revision & test	1hr
		IV Week	Revision & test	1 hr
				Total =42 Hours.

Kanhuji. H.

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**A P S COLLEGE OF ARTS AND SCIENCE, N. R COLONY,
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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC 3: Political History of Karnataka (CE-11 to CE-1750)

From :- May to August


Total no of hrs:- 39/42

Sem :- II SEM B.A

Name of the faculty :- KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	May	I week	Unit I Introduction Chapter No.1 Chalukyas of Kalyana - Bijjala II	3 hr
		II Week	Chapter No.2 The Hoysalas - Vishnuvardana - Ballala III	3 hr
		III Week	The Hoysalas - Vishnuvardana - Ballala III	3 hr
		IV Week	Chapter No.3 The Seunyas (Mauryas) of Devagiri - Ballala ra V - Singham II	3 hr
		V Week	Chapter No.4 Vijayanagar- Dynasties	3 hr
02	June	I Week	Unit -2 Medieval Karnataka	2 hr
		II Week	Chapter No.4 Vijayanagar- Dynasties	3 hr
		III Week	Vijayanagar Dynasties	3 hr
		IV Week	Chapter No. 5. Bahamani States	2 hr
03	July	I Week	Chapter No.6.Nayankas of Keladi (Ikkeri)-	3 hr
		II Week	Yalakharka Naca Endhus- Nayakas of Hirdraloga	2 hr
		III Week	Unit 3.Post Vijayanagar	3 hr
		IV Week	Chapter No.7.Early Wodeyars of Mysore	3 hr
04	August	I Week	Chapter No.8.Maratha Rule in Karnataka - Shivaji Shivaji Peshwas	4 hr
		II Week	Chapter No.9. Administration Under Vijayanagara Nayankara System-Keladi Shivappa Nayaka Shist	2 hr

		III Week	Map work-	2 hr
		IV Week	Historical Importance:	
05	September	I Week	Dairy	2 hr
		II Week	Revision & test	1 hr
		III Week	Revision & test	1hr
		IV Week	Revision & test	1 hr
				Total =42 Hours


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DEPARTMENT OF HISTORY

LESSON PLAN -2022-23

PAPER-DSC- 4 Cultural Heritage of Karnataka

From: - May to August


Total no of hrs: - 39/42

Sem: - II SEM B.A

Name of the faculty: - KANTHARAJ H

SL.NO	MONTH	WEEKS	TOPICS OR LESSONS COVERED	HOURS
01	May	I week	Unit - 1 Karnataka Cultural Heritage : An Introduction	3 hr
		II Week	ChapterNo.1 Meaning - Definition and Historical Background of Cultural Heritage	3 hr
		III Week	ChapterNo.2 Characteristic of Karnataka Heritage.	3 hr
		IV Week	ChapterNo.3 Significance of Cultural Heritage .	3 hr
02	June	I Week	Unit - 2 Fairs, Festivals and Rituals	2 hr
		II Week	ChapterNo.4 Historical Background of Fairs -	2 hr
		III Week	Festivals and Rituals and their importance in Karnataka Culture	4 hr
		IV Week	ChapterNo.5 Fairs of Karnataka - Types of Fairs Temple Fairs (Utsava)	3 hr
03	July	I Week	Folk Fairs - Uts. Karaga - Kaveri - Suvaramma - Ramlala	3 hr
		II Week	ChapterNo.6 Festivals of Karnataka - Religious Festivals - Ugadi - Ganesh Chaturthi - Dusra Deepavali - Hutari - sankranti - Muramanki - Bil (Karnati) - Onnarek Jayanthi and Christmas	7 hr
		III Week	Unit - 3 Traditional Arts and Architecture and Cultural Films	4 hr
		IV Week	ChapterNo.7 Meaning of Art and Architecture - Terms of Dates	3 hr
04	August	I Week	ChapterNo.8 Forms of Music	1 hr

		II Week	Chapter No.9, Architecture and Built Heritage.	2 hr
		III Week	Map work-	2 hr
		IV Week	Historical Importance	
05	September	I Week	Dairy	2 hr
		II Week	Revision & test	1 hr
		III Week	Revision & test	1hr
		IV Week	Revision & test	1 hr
				Total =42 Hours


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Acharya Pathasala College of Arts and Science N.R.Colony, Bengaluru-19
 Department of Economics (UG)
 LESSON PLAN-2022-23

From: - November to February

Total no of hrs=42		Sem & Paper: 1 st Indian Economy Prior to Economic Reforms (OEC)	Name of the faculty: SHRUTHI.B
Month	Weeks	Topics or Lessons covered	
November	1 st week	Chapter 1: Features of Indian Economy • India as a developing economy • Demographic features • Human Development (HDI) • Problems of Poverty, Unemployment, Inflation, income inequality	
	2 nd Week	Chapter 2: Issues in Agriculture sector in India • Land reforms • Green Revolution	
	3 rd Week	• Agriculture marketing in India • Agricultural price policy	
	4 th Week	Chapter 3: Industrial and Service Sector • Industrial development • Micro, Small and Medium Enterprises • Industrial Policy • Performance of public sector in India • Service sector in India	
			Hours
			4 hours
			3 hours
			3 hours
			Total 6 hours
			6 hrs


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	1 st week	<p>Chapter 4: Planning</p> <ul style="list-style-type: none"> • Mixed Economy • Bombay Plan 	3hrs
December	2 nd Week	<ul style="list-style-type: none"> • Gandhian Model • Nehru Mahalanobis Model • Objectives and achievements of economic planning in India 	2 hrs Total 5 hours
	3 rd Week	<p>Chapter No 5. Monetary policy in India</p> <ul style="list-style-type: none"> • Instruments of Monetary Policy • Black money in India – Magnitude and Impact 	2 hours
January	4 th Week	<p>Chapter 6: Fiscal Policy in India</p> <ul style="list-style-type: none"> • Tax Revenue • Public expenditure • Budgetary deficits 	3 hours
	1 st Week	<ul style="list-style-type: none"> • Fiscal reforms • Public debt management and reforms • Centre state Finance Relations and Finance commissions in India. 	3 hours Total 6 hours
	2 nd Week	<p>Chapter 7: India's foreign trade</p> <ul style="list-style-type: none"> • Salient features • Value, composition and direction of trade • Balance of payments 	3 hours

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	3 rd Week	<ul style="list-style-type: none"> • Goal of self-reliance based on import substitution and protection • Tariff policy • Exchange rate 	3 hours
	4 th Week	<p>Chapter 8: Post-1991 strategies</p> <ul style="list-style-type: none"> • Stabilisation and structural adjustment packages • Liberalisation Privatisation Globalisation (LPG) Model • Impact of LPG Policies on Indian Economy 	3 hours
	1 st Week	<ul style="list-style-type: none"> • Liberalisation Privatisation Globalisation (LPG) Model • Impact of LPG Policies on Indian Economy 	3 hours
	2 nd Week	<p>Chapter 9: NITI Aayog • Organization • Functions Practicum: Calculation of BOP and evaluating trade policies; Assignment and group discussion on the impact of LPG Policies</p>	Total 6 hours
February	2 nd Week		2 hours

SPOT HI - B

H.O.D. & ASSISTANT PROFESSOR

Department of Economics

APS College of Arts & Science

N.R. Colony, Bangalore-19

HOD Signature

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Acharya Pathasala College of Arts and Science N.R.Colony, Bengaluru-19
 Department of Economics (UG)
 LESSON PLAN-2022-23

From: - November to February

Total no of hrs=42

Paper: IIIrd sem
Rural Economics

Name of the faculty: Shiruthi B

Topics or Lessons covered

Month

Weeks

Hours

November	1 st week	Chapter-1 - Introduction to Rural Economy Meaning and Objectives of Rural economy Characteristics of Rural Economy Indicators of Rural Development Concepts of inclusive and sustainable development	4 hours
	2 nd Week	Chapter-2 - Approaches to Rural Development Gandhian Model Community Development Approach Minimum Needs Approach Integrated Rural Development and Inclusive Growth Approach.	4 hours

	3 rd Week	Chapter-3 - Poverty and Unemployment in Rural India Meaning and Measurement of Poverty Causes of Poverty Farm and Non-Farm Employment Measurement and Types of Employment Review of Poverty Alleviation and Employment Generation Programmes in India	4 hours
	4 th Week	Chapter 4- Rural Enterprises Meaning and Importance Classification of MSME Progress	3 hours

December	1 st week	Problems of MSME Khadi and Village Industries	2 hours Total 5 hours
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Shiruthi B
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January	2 nd Week	Chapter 5: Rural Banking and Finance Credit Co-operative Societies Regional Rural Banks Role of NABARD Microfinance Institutions	4 hours
	3 rd Week	Chapter -6: Rural Infrastructure Educational and Health Infrastructure Housing and Sanitation	3 hours
	4 th Week	Drinking Water Supply Rural Transport and Communication Rural Electrification	2 hours Total 5 hours
	1 st Week	Chapter 7 - Rural Development Programmes Wage Employment Programmes Self-employment and Entrepreneurship Development Programmes Rural Housing Programmes Rural Sanitation Programmes	4 hours
February	2 nd Week	Chapter 8 - Rural Markets Meaning and Types of Rural Markets Defects and Government Measures for Removal of Defects in rural markets Co-operative Marketing Societies Chapter 9 - Rural Governance: Legislations powers, Functions, and sources of revenue of Panchayat Raj Institutions Role of NGOs in rural development People's participation in rural development	3 hours
	3 rd WEEK	Meaning and Importance of Regulated Markets Digital Marketing(e-NAM)	2hours Total 5 hours
	4 th Week	Chapter 9 - Rural Governance Legislations powers, Functions, and sources of revenue of Panchayat Raj Institutions	2 hours
1 st Week	Role of NGOs in rural development People's participation in rural development	3 hours Total 5 hours	

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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN - 2022-23

From: - September to December Total no of hrs = 42

Sem :- 1st Sem BA DSC-1 (Basic Economics)

Name of the Faculty : SHRUTHI.B

Month	Weeks	Topics or Lessons covered	Hours
September	2 nd week	Unit – 1 Basic Concepts in Economics Chapter No. 1 <ul style="list-style-type: none">• Nature and Scope of Economics• Meaning of Economics• Nature of Economics• Scope of Economics• Methods of Economics• Why Study Economics?	5hrs
	3 rd week	Chapter No. 2 Thinking Like an Economist <ul style="list-style-type: none">• Thinking Like an Economist• The Economist as Scientist• The Economist as Policy Adviser• Economic Policy	4hrs
	4 th week	Chapter No. 3 Economic System	5hrs

			<ul style="list-style-type: none"> • Types of Economic Activities • Organisation of Economic Activities • Circular Flow of Economic Activities • Evolution of the Present Economic Systems 	Total = 14hrs
October	1 st week	Unit - 2 Demand, Supply and Markets Chapter No. 4. Firms and Household <ul style="list-style-type: none"> • Meaning of Firms and Household • Relationship Between Firms and Household 	4hrs	
	2 nd week	<ul style="list-style-type: none"> • Input Markets • Output Markets 	5hrs	
	3 rd week	Chapter No. 5. Demand and Supply <ul style="list-style-type: none"> • Individual Demand • Market Demand • Demand Determinants • Supply and its Determinants • Market Equilibrium 	6hrs	
	4 th week	Chapter No. 6. Elasticity and its Measurement <ul style="list-style-type: none"> • Types of Elasticity of Demand • Price, Income and Cross Elasticities • Measurement of Elasticity of Demand • Determinants of Elasticity of Demand 	Total = 14hrs	
November	1 st week			

	2 nd week	<p>Unit – 3</p> <p>Cost and Market Structures</p> <p>Chapter No. 7</p> <p>Production and Costs</p> <ul style="list-style-type: none"> • Production Function • Total Production Cost ▪ Marginal Production Cost • Average Production Cost • Revenue Functions 	4hrs
	3 rd week	<p>Chapter No. 8,</p> <p>Accounting and Economic Costs</p> <ul style="list-style-type: none"> • Cost in the Short run • Fixed Costs and Variable Costs • Marginal Costs 	5hrs
	4th week	<ul style="list-style-type: none"> • Long run AC and MC ▪ TR, MR, AR 	5hrs
December	1 st week	<p>Chapter No. 9.</p> <p>Market Structures</p> <ul style="list-style-type: none"> • Markets • <u>Perfect and Imperfect Competition</u> • Features of Perfect Competition • Monopoly • Oligopoly and Monopolistic Competition 	5hrs
	2 nd week		
	3 rd week		Total = 14 hrs

	4 th week	• Pricing Strategies	



HOD Signature

Head of Department, Professor
 Department of Economics
 APSS College of Arts & Science
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Staff Signature

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 Principal Signature
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A.P.S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN -2022-23

From: - September to December Total no of hrs = 42

Sem :- 1st Sem BA DSC-2 (Contemporary Indian Economy)

Name of the Faculty : SHRUTIL.B

Month	Weeks	Topics or Lessons covered	Hours
September	2 nd Week	Unit – 1 LPG POLICIES, ECONOMIC REFORMS AND AGRICULTURE Chapter No. 1 Recent Issues <ul style="list-style-type: none">▪ Genesis and Impact of LPG• India's population policy• Demographic Dividend• India's human development in global perspective	7hrs
	3 rd week	Chapter No. 2 Urbanization and governance <ul style="list-style-type: none">• Urbanization and Smart City Mission• Informal sector• Impact of COVID-19 Pandemic• Atma Nirbhara Bharat Abhiyan	6hrs

	4 th week	Chapter No. 3 Economic Reforms and Agriculture <ul style="list-style-type: none"> • Agriculture and WTO • Price policy and Subsidies • Commercialisation and Diversification • Public Distribution System 	
October	2 nd week	<ul style="list-style-type: none"> • Impact of public expenditure on agricultural growth • <u>Agrarian Crisis, Doubling Farm Incomes, MGNREGS</u> 	4hrs
	2 nd week	Unit – 2 INDUSTRY, BUSINESS, FISCAL POLICY Chapter No. 4. Industrial Policy <ul style="list-style-type: none"> • New Industrial Policy and changes • Public sector reform • Privatisation and Disinvestment • Competition Policy 	
	3 rd week	Chapter No. 5. Business <ul style="list-style-type: none"> • Ease of Doing Business • Performance of MSMEs • Role of MNC's in Industrial Development • Make in India, development of economic and social infrastructure • <u>National Monetization Pipeline</u> 	5hrs
	4 th week	Chapter No. 6. Fiscal Policy <ul style="list-style-type: none"> • Tax, Expenditure, Budgetary deficits • Pension and Fiscal Reforms 	5hrs
			Total = 14hrs

		<ul style="list-style-type: none"> • Public debt management and reforms ▪ Fiscal Responsibility and Budget Management (FRBM) Act • GST, Fiscal Federalism and Fiscal Consolidation • Recommendations of the Current Finance Commission 	Total = 14hrs
November	1st week	Unit – 3 MONETARY POLICY, FOREIGN TRADE AND INVESTMENT Chapter No. 7 Monetary Policy <ul style="list-style-type: none"> • Organization of India's money market • Financial sector reforms • Interest rate policy • Review of monetary policy of RBI 	3 ^{hrs}
	2nd week	Chapter No. 8. <ul style="list-style-type: none"> ▪ Money and Capital Markets ▪ Working of SEBI in India • Charging roles of the Reserve Bank of India 	
	3rd week	<ul style="list-style-type: none"> • Commercial banks, • Development Finance Institutions ▪ Foreign banks and Non-banking financial institutions • Analysis of price behaviour in India, Anti-inflationary measures 	5hrs
December	1st week	Chapter No. 9. Foreign Trade and Investment	

		<ul style="list-style-type: none"> India's foreign trade India Balance of payment since 1991 New Exchange Rate Regime: Partial and full convertibility Capital account convertibility FDI – Trends and Patterns New EXIM policy, WTO and India 	6hrs
	2 nd week		
	3 rd week		
	4 th week	<ul style="list-style-type: none"> January 4th week Bilateral and Multilateral Trade Agreements and Associations 	
			Total = 14hrs

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M.D.D./Assistant Professor
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Staff Signature



Principal Signature



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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS (UG)

LESSON PLAN -2023-24

From: - May to September

Total no of hrs = 42

Sem : 2nd Sem BA (Economic Analysis II) (DSC- 3)

Name of the Faculty: SHRUTHI.B

Month	Week	Topics or Lessons covered	Hours
May	1 st week	Macroeconomic Concepts and Relationships Chapter 1: Macro economy	3hrs
	2 nd week	• Introduction to National Income Accounting • Concepts of GDP, GNP and national income • Approaches to calculating GDP, personal income, Nominal and real GDP	2hrs
	3 rd week	• Limitations of the GDP concept: Chapter 2: Monetary economy	2hrs
	4 th week	• Characteristics • The demand for money • The supply of money and overall liquidity position • credit creation Chapter 3: Inflation	3hrs
		Total hrs = 4hrs	

June	1 st week	<ul style="list-style-type: none"> • meaning and causes of inflation • Calculating inflation rate • Impact of inflation Macroeconomic Challenges and Policies Chapter 4: Macroeconomic challenges	2 hrs	Total hrs = 12hrs
	2 nd week	<ul style="list-style-type: none"> • Unemployment • Economic Growth • Business Cycles			1 hrs Total = 3hrs
	3 rd week	Chapter 5: Monetary Policy <ul style="list-style-type: none"> • Objectives • Instruments 	3 hrs	
	4 th week	Chapter 6: Fiscal Policy <ul style="list-style-type: none"> • Public finance vs. Private finance • Fiscal functions and role of government: allocation, distribution and stabilisation			3 hrs
July	1 st week	<ul style="list-style-type: none"> • Characteristics of public goods, • Rationale of public provision of public good 	6 hrs	Total hrs = 12hrs
	2 nd week	Public Policy and Globalization Chapter 7: Poverty and public policy <ul style="list-style-type: none"> • Meaning, measurement and types of poverty • Poverty alleviation strategies in India 		
	3 rd week	Chapter 8: International Trade <ul style="list-style-type: none"> • The economic basis for trade—absolute advantage and comparative advantage.			5 hrs

		<ul style="list-style-type: none"> • terms or trade exchange rates 	
	4 th week	<ul style="list-style-type: none"> • Trade Barriers-tariffs, subsidies and quotas Balance of Payments-The current and capital account 	4hrs Total hrs = 9hrs
August	1 st week	Chapter 9: Globalization <ul style="list-style-type: none"> • Meaning • Importance 	2hrs
	2 nd week	<ul style="list-style-type: none"> • Pros and cons of Globalization 	1hrs Total hrs =12hrs

Staff Member Signature



HOD Signature



H.O.D. S. Anandalekshmi Professor
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A.P.S COLLEGE OF ARTS AND SCIENCE, N. R COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS (UG)

LESSON PLAN -2023-24

From: - May to August

Total no of hrs = 42

Sem :- 2nd Sem BA (Karnataka Economy II) (DSC- 4)

Name of the Faculty: SHRUTHI.B

Month	Week	Topics or Lessons covered	Hours
May	1 st week	Characteristics of Karnataka Economy Chapter 1: State Income • State Domestic Product and PCI • Measures to redress regional imbalances	2hrs
	2 nd week	Chapter 2: Human and Natural Resources Population • Human Development Index • Poverty and Unemployment– Anti-Poverty and Employment Generation Programmes • Functioning of Panchayat Raj Institutions	6hrs
	3 rd week	Chapter 3: Natural Resources in Karnataka • Land, Water, Forest and mineral resources in Karnataka Karnataka Sustainable Development Goals	4hrs

	4 th week	<p>Agriculture and Industries in Karnataka</p> <p>Chapter 4:</p> <p>Agriculture in Karnataka</p> <ul style="list-style-type: none"> • importance of Agriculture • Problems in Agriculture • Land Reforms • <u>Cropping Pattern</u> • Irrigation • Watershed Development • Dry Land Farming • <u>Farmer's Suicide – causes and solutions</u> 	3hrs
	1 st week	<p>Chapter 5:</p> <p>Rural Development</p> <ul style="list-style-type: none"> • Public Distribution System • <u>Rural Development Programmes</u> 	3hrs
	2 nd week	<p>Chapter 6:</p> <p>Industries in Karnataka</p> <ul style="list-style-type: none"> • Major Industries in Karnataka • Problems and Prospects • MSMEs - Problems and Measures 	3hrs
	3 rd week	<ul style="list-style-type: none"> • Industries in Karnataka • Industrial Finance in Karnataka • <u>Industrial Policy of Karnataka</u> 	3hrs
	4 th week	<p>Infrastructure and Finances</p> <p>Chapter 7:</p> <p>Infrastructure in Karnataka</p> <ul style="list-style-type: none"> • Transportation: Road, Rail, Water and Air Transport • <u>Information and Communication Technology</u> 	3hrs
July	1 st week		Total hrs = 18hrs

		Facilities	
	2 nd week	Chapter 8: Social Infrastructure <ul style="list-style-type: none"> • Drinking Water, Sanitation • Housing 	2hrs
	3 rd week	<ul style="list-style-type: none"> • Health and Education • Social Security in Karnataka 	2hrs Total =4hrs
	4 th week	Chapter 9: State Finance <ul style="list-style-type: none"> • Sources of Revenue: Direct and Indirect Taxes • GST – Impact and Collections 	2hrs
August	1 st week	<ul style="list-style-type: none"> • Sharing of Central Taxes and Grand-in-Aid • Expenditure Sources 	2hrs
	2 nd week	<ul style="list-style-type: none"> • States Indebtedness • State Finance Commission • State Budget 	1hrs
			Total hrs =12hrs

Staff Member Signature

HOD Signature

H.O.D. & Assistant Professor
 Department of Economics
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 M.N. Red Cross V, Bangalore-56

Principal
 19/11/23

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A.P.S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN -2022-23

From: - November to February

Total no of hrs = 42

Sem :- 3rd Sem BA Micro Economics(DSC-3.1)

Name of the Faculty : SHREETHILB

Month	Weeks	Topics or Lessons covered	Hours
November	2 nd Week	Unit 1 Basics of Microeconomics Chapter 1 <ul style="list-style-type: none">• Some Concepts of Microeconomics Scarcity and Choice;• Opportunity cost; Production possibility frontier; Price mechanism v/s state intervention• Types of Goods (Free Goods, Economic Goods, Public and private goods, Common Property Resources, Club goods)	6 hrs
	3 rd week	Chapter 2 <ul style="list-style-type: none">• Consumption decision;• Indifference curves – Meaning and Properties; budget constraint• Consumer's Equilibrium; Price, income and substitution effects• Derivation of Demand Curve from Indifference Curves• Revealed Preference Theory; Choice between leisure and income.	8 hrs.
Total=14 hours			

	<p>4th week : Unit -2: Production and Costs Chapter 3</p> <ul style="list-style-type: none"> • The Firms: Concept of firm and Industry; • Production Function with Two variable inputs; • Properties of Isoquant, isocost line and least cost combination of inputs; Production function with all variable inputs (Returns to Scale) • Features of Cobb-Douglas Production Function 	8 hrs.
December	<p>1st week Chapter 4</p> <ul style="list-style-type: none"> • Cost of Production: Cost function and estimation; • Linear and Non-Linear (cubic and quadratic) and applications; • Economies and Diseconomies of scale. <p>2nd Week Chapter 5 The Markets- 1</p> <ul style="list-style-type: none"> • Perfect Competition: Price determination of an industry under different time periods and equilibrium of firm under short run and long run; (some numerical exercises) 	6 hrs Total =14 hours
	<p>3rd week</p> <ul style="list-style-type: none"> • Monopoly pricing and price discrimination; (some numerical exercises) 	4hrs
	<p>4th week Chapter 6 The Markets-II:</p> <ul style="list-style-type: none"> • Pricing under Monopolistic Competition; equilibrium of firm under product differentiation and selling costs; 	5hrs

January	1 st week	<ul style="list-style-type: none"> Oligopoly – Interdependence and price rigidity, Collusive (Cartels and Price leadership) and non-collusive oligopoly (Cournot model); Elements of Game theory (players, strategy, Payoff matrix) 	5hrs
	2 nd Week	<ul style="list-style-type: none"> Chapter 7 The Inputs (Factors) Functional and Personal Income; Marginal Productivity Theory of Distribution;: 	
	3 rd week	<ul style="list-style-type: none"> Test 	
	4 th week	<ul style="list-style-type: none"> Modern theory of distribution; Concepts related to rent, wage, interest and profit 	
February	1 st week	<ul style="list-style-type: none"> Revision 	Total = 14hrs
	2 nd Week	<ul style="list-style-type: none"> Revision 	
	3 rd week	<ul style="list-style-type: none"> Revision 	

HOD Signature



Staff Signature



Principal Signature



APB College of Arts & Science
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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN -2022-23

From: - November to February

Total no of hrs = 42

Sem :- 3rd Sem BA Agriculture Economics (DSC-3.2.2)

Name of the Faculty : SHRUTHI.B

Month	Weeks	Topics or lessons covered	Hours
November	2 nd week	Unit-1: Agriculture and Economic Development Chapter 1: Introduction to Agricultural Economics <ul style="list-style-type: none">• Definition and scope of agricultural economics• Need for special techniques of economic analysis to deal with unique problems of the agricultural economy• Seasonality, perishability, and heterogeneity of output• The Organization of agricultural production Role of Land, Labor, Capital, and entrepreneurship	5hrs
	3 rd week	Chapter 2: Agriculture in Economic Development <ul style="list-style-type: none">• Role of Agriculture in Economic Development.• Diversification of agriculture: Agriculture and allied activities (fisheries, horticulture, floriculture).• interdependence between agriculture and industry	4hrs
	4 th week	Chapter 3: Structural changes and Agriculture in India <ul style="list-style-type: none">• Traditional agriculture and its modernization• Changes in the share of agriculture to G.D.P., reasons, and way forward	5hrs

		<ul style="list-style-type: none"> • Changes in the percentage of employment generated by agriculture in the total workforce reasons and way forward 	Total = 14hrs
December	1 st week	<p>Practicum</p> <p>Unit – 2 Theory of agricultural growth and development</p> <p>Chapter 4: Transformation of traditional agriculture</p> <ul style="list-style-type: none"> • Schullz's transformation of traditional Agriculture • Mellor Model of agricultural development 	2hrs
	2 nd week	<p>Chapter 5: Dual economy models and other theories</p> <ul style="list-style-type: none"> • Jorgenson's Model of Development of Dual Economy • Arthur Lewis's theory of Unlimited supplies of Labor • Fel-Ranis Model of Economic growth • Todaro Model of Rural-Urban Migration and Unemployment 	6hrs
	3 rd week	<p>Practicum: 1.</p> <p>Group Discussions on various Agricultural growth and development theories. 2. Debate on the relevance of the agricultural theories in the present agricultural situation in India</p>	4hrs
	4 th week	<p>Unit -3: Strategy of Agricultural Development in India</p> <p>Chapter 6:</p> <p>Land Reforms and Policy</p> <ul style="list-style-type: none"> • Resource Allocation and Capital Formation. • Institutional v/s Technological Factors. • Pre-Land Reform Agrarian Scenario. • Post-Independence Agrarian Reforms, Legislation, and Implementation • Abolition of Intermediaries: Tenancy Reforms, Ceiling Legislation Implementation 	4hrs
		Total = 12hrs	

January	<p>2nd week</p> <ul style="list-style-type: none"> • Role of Technological Factors in Agricultural Growth: High Yielding Varieties of Seeds, Irrigation and Water, Fertilizers, Mechanization • Economic Reforms and Agriculture • W.T.O. and Indian Agriculture <p>3rd week</p> <ul style="list-style-type: none"> • Chapter 7: Agriculture Finance • Role, Importance and features of Agricultural Finance • Basic economic principles and Criteria involved in Finance, • Need for Agriculture credit, • Estimators of Rural Financial Requirements. • The extent of Agricultural Finance • Problems of Agricultural Finance and suggestions to improve Agricultural Finance • Sources of Agricultural Finance; Institutional and Non - Institutional Credit Financing through N.A.B.A.R.D., Co-operatives, Commercial Banks and RRBs. • Money lenders; Role, Defects, Regulations; and Reasons for money lenders still one being one of the sources. • Financial Institutions and credit flow to the rural/priority sector • Micro-financing and Role of M.F.I.'s, N.G.O.'s and S.H.G.'s. <p>4th week</p> <ul style="list-style-type: none"> • Chapter 8: Agricultural Marketing • Definition and need for an efficient Marketing System • Nature of Demand for Farm Products. 6 Page 13 Pedagogy <p>Classroom lectures, tutorials, Problem-solving exercises, field</p>	6hrs
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		visit Note: Strictly follow the Practicum References 1 Lekhi R K, Joginder Singh (2022), Agricultural Economics, Kalyani Publishers, New Delhi 2 Dantwala, M.L. et al. (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi: 3 Government of India (1976), Report of the National Commission on Agriculture, New Delhi: 4 Government of India, Economic Survey (Annual), New Delhi: 5 Gulati, A. and T. Kaly (1999), Trade Liberalization and Indian Agriculture, Oxford University Press, New Delhi: 6 Reserve Bank of India, Report on Currency and Finance (Annual), Mumbai 7 Rudra, A. (1982), Indian Agricultural Economics: Myths and Reality, Allied Publishers, New Delhi	
February	1 st week	<ul style="list-style-type: none"> • Structure of Agricultural Product Markets. • Functions of Marketing • Present System of Indian Agricultural Marketing; Problems of Indian Agricultural Marketing • Government Measures to improve Indian Agricultural Marketing 	
	2 nd Week	<ul style="list-style-type: none"> • Problems of Indian Agricultural Marketing • Government Measures to improve Indian Agricultural Marketing 	Total = 16hrs
	3 rd week	<ul style="list-style-type: none"> • Revision 	

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Principal Signature



H.O.D. & Assistant Professor,
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Acharya Pathasala College of Arts and Sciences, R.Colony, Bengaluru-19

Department of Economics (UG)
LESSON PLAN-2022-23

From: - May to September

Total no of hrs=42

Sem & Paper: IVth
4.1 Macro economics

Name of the faculty: SHRUTHI.B

Month	Weeks	Topics or Lessons covered	Hours
May	1 st week	<p>Chapter 1: Introduction to Macro Economics</p> <ul style="list-style-type: none"> • Meaning. • Importance and limitation • Meaning of stock and flows 	3 hours
	2 nd Week	<p>Chapter 2: Circular Flow of Income</p> <ul style="list-style-type: none"> • The importance of the circular flow model • Two sectors Model 	2 hours
	3 rd Week	<ul style="list-style-type: none"> • Three sectors Model • Four sectors Model 	3 hours
	4 th Week	<p>Chapter 3: National Income Accounting</p> <ul style="list-style-type: none"> • National income accounting: meaning and definition Accounting Concepts, importance, • Methods and difficulties in measuring national income- empirical problems – calculation of national income. • GNP and Quality of life • Green accounting. 	6 hrs
		Total 5 hours	



Month	Week	Topics	Hours
June	1 st week	Chapter 4 The Classical theory of Employment <ul style="list-style-type: none"> • Features and Assumptions • Say's Law • Pigou's wage-price flexibility • Classical dichotomy and neutrality of money • Critical Evaluation. 	
	2 nd week	Chapter 5: Keynesian Framework <ul style="list-style-type: none"> • Some Basic concepts: The idea of equilibrium and identity ex-ante and ex-post concepts. • Aggregate Demand and its components 	2 hours
	3 rd week	<ul style="list-style-type: none"> • Aggregate Supply: Meaning and Graphical explanation • Effective demand 	2 hours
		Total 4 hours	
July	4 th week	Chapter 6: Keynes Consumption function <ul style="list-style-type: none"> • Consumption function: Algebraic and Graphical explanation • Marginal and Average propensity to consume • Determinants of consumption function 	3 hours
	1 st week	<ul style="list-style-type: none"> • Marginal and Average propensity to consume • Determinants of consumption function 	2 hours
		Total 5 hours	
	2 nd week	Chapter 7 Keynes's Investment function <ul style="list-style-type: none"> • Investment function • Autonomous and Induced • Determinants of Investment function: rate of interest and the marginal efficiency of capital (MEC) 	3 hours
3 rd week	<ul style="list-style-type: none"> • Factors Influencing MEC • MEC and Capital Accumulation 	2 hours	
	Total 5 hours		
4 th week	Chapter 8 Investment Multiplier <ul style="list-style-type: none"> • Investment Multiplier: Meaning. • Assumptions • The process of working • Leakages • Criticism 	4 hours	

	1 st Week	Chapter 9 Accelerator and Super Multiplier <ul style="list-style-type: none"> • Accelerator: Meaning • Assumptions 	2 hours
August	2 nd Week		<ul style="list-style-type: none"> • The process of working • Limitations and Criticisms • Interaction of Multiplier and Accelerator
			Total 4 hours

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Department of Economics (UG)
LESSON PLAN-2022-23

From: - May to September

Total no of hrs=42

Paper: IV th sem
4.2.2 Monetary economics

Name of the faculty: Shruthi B

Month	Weeks	Topics or Lessons covered	Hours
May	1 st week	<ul style="list-style-type: none"> • Chapter 1 Money Supply • Definitions of Money supply - Money supply and Value of Money • Classical and Keynesian views on the supply of money 	3 hours
	2 nd week	<ul style="list-style-type: none"> • Determinants of money supply • High-powered money • money multiplier • The reserve ratio and deposit multiplier 	3 hours
June	3 rd week	<ul style="list-style-type: none"> • Chapter 2 Definition of money supply in India • Money supply measures by RBI o M1, M2, M3, M4 • Liquidity Aggregates – L1, L2, and L3 • Trends of Money Supply in India 	3 hours
	4 th week	<ul style="list-style-type: none"> • Chapter 3 Demand for Money • Meaning and Importance • The Classical Approach, • The Keynesian Approach, • Liquidity preference, 	3 Hours
	5 th week	<ul style="list-style-type: none"> • The Post- Keynesian Approaches • Friedman's Theory of the Demand for Money 	2 hours Total 5 hours

2 nd Week	<ul style="list-style-type: none"> • Chapter 4 Theories of Interest Rate determination • Classical Theory of Interest • Neo-Classical or the Konradie Furd's theory of interest 	4 hours
3 rd Week	<ul style="list-style-type: none"> • 3. Keynes's liquidity preference theory of interest • 4. Modern theories of interest; IS-LM Curve Approach 	3 hours Total 7 hours
4 th Week	<ul style="list-style-type: none"> • Chapter 5 Interest Rates • Interest rate and investment, income and output 	2 hours
1 st Week	<ul style="list-style-type: none"> • Heterogeneity of Interest Rate Determination: Administered Interest Rates and Market Determined Interest Rates • Interest rates and Demand for Money 	3 hours Total 5 hours
July		
2 nd Week	<ul style="list-style-type: none"> • Chapter 6 Inflation • Definitions of Inflation • Causes of Inflation • Types of inflation-demand push inflation and cost push inflation; inflationary gap; 	3 hours
3 rd Week	<ul style="list-style-type: none"> • Effects of Inflation • Measures to control inflation. • Relationship between inflation and unemployment- The Philips curve short and long run 	3 hours Total 6 hours
4 th Week	<ul style="list-style-type: none"> • Chapter 7 Monetary policy • Monetary policy: Meaning, objectives • Measures of Monetary policy • The Time lags in the Monetary Policy 	3 hours
1 st Week	<ul style="list-style-type: none"> • The efficacy of Monetary Policy • Implications for Monetary Management. • Evolutions of Monetary Policy • Monetary policy in India and control of Inflation 	3 hours Total 6 hours
August		

	2 nd Week:	Chapter 8 Business Cycles <ul style="list-style-type: none"> • Meaning • Types of the business cycle • Features of the business cycle • Phases of the business cycle • Control of Business Cycle 	4 hours
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H.O.D. S. Assistant Professor,
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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN -2022-23

From: - November to February

Total no of hrs = 60

Sem :- 5th Sem BA (Indian Economics) (P-5)

Name of the Faculty : SHRUTHI.B

Month	Weeks	Topics or Lessons covered	Hours
November	3 rd week	Module – 1 Indian Economy during the Pre-British rule, British Rule and at the time of India's Independence	3hrs
	4 th week	<ul style="list-style-type: none">• Indian economy in the Pre – British period and during the British period• Structure and organization of village, towns, industries, and handicrafts• Economic consequences of the British rule• Indian economy at the time of independence• colonial economy – semi feudal economy	3hrs 4hrs
	1 st week	<ul style="list-style-type: none">• Backward economy, stagnant economy, other salient features, planning exercises in India	6hrs
	2 nd week	Module – 2 Structure of the Indian Economy	Total = 13hrs

		<ul style="list-style-type: none"> • Basic features, Natural resources – Land ,water and forest resources • Broad demographic features population size and growth rate, sex composition, rural –urban migration, occupational distribution 	4hrs
	3 rd week	<ul style="list-style-type: none"> • Problem of over population , population policy , infrastructure development , Basic characteristics of the Indian economy • A comparison between India and other developing economy 	3hrs Total = 13hrs
	4 th week	<p>Module – 3</p> <p>Agriculture</p> <ul style="list-style-type: none"> • Nature and importance, trends in agriculture production; productivity, factors determining productivity • Land reforms New agricultural strategy and green revolution • Rural credit, agricultural marketing, economic liberalization 	4hrs 2hrs 2hrs
January	1 st week	<ul style="list-style-type: none"> • Rural credit, agricultural marketing, economic liberalization 	4hrs
	2 nd week	<ul style="list-style-type: none"> • Emerging trends in Indian agriculture, Agricultural risk • Changing face of agricultural risks in India – • climatic changes and agriculture- managing agricultural risks 	Total = 12hrs
	3 rd week	<p>Module – 4</p> <p>Industry</p> <ul style="list-style-type: none"> • Industrial development , Industrial policy of 1948, 1956, 1977 and 1991 	3hrs

	4 th week	<ul style="list-style-type: none"> Industrial licensing policy – MRTTP Act, ERA and FEMA Impact of economic reforms on industries, MSME- definition growth and problems of small scale industry Roles of public sector enterprises in Indian's industrialization, present trends in growth and composition of industrialization- critical evaluation 	2hrs 4hrs
February	1 st week	Module – 5 Service sector <ul style="list-style-type: none"> Importance and role of service sector in economic development, trends in the growth of service sector in India 	5hrs
	2 nd week	<ul style="list-style-type: none"> Growth and structure of service sub- sectors, some major service in Indian economy 	5hrs
	3 rd week	<ul style="list-style-type: none"> Impact of economic reforms on service sector in India 	Total = 10

HOD Signature



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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS

LESSON PLAN -2022-23

From: - November to February Total no of hrs = 60

Sem - 5th Sem BA (Economics for Infrastructure) (P-6)

Name of the Faculty : SHRUJILLB

Month	Weeks	Topics or Lessons covered	Hours
November	3 rd week	Module – 1 Infrastructure and Economic development <ul style="list-style-type: none">• Role and importance in economic development• Conceptual definition	6hrs
	4 th week	<ul style="list-style-type: none">▪ Infrastructure as a public good , social and physical infrastructure, special characteristics of public utilities	6hrs Total = 12hrs
	1 st week	Module – 2 Transport Economics <ul style="list-style-type: none">• Importance of transportation infrastructure as a tool of economic development	4hrs
	2 nd week	<ul style="list-style-type: none">• Transportation supply and demand , equilibrium, transportation as a derived demand equilibrium	4hrs
	3 rd week	<ul style="list-style-type: none">▪ Economic social and technological trends in transportation, congestion and congestion free	4hrs Total = 12hrs
	4 th week	Module – 3 Energy Economics	6hrs

		<ul style="list-style-type: none"> • Primacy of Energy in the process of economic development factor Determining demand and supply of energy • Effects of Energy shortages , Energy conservation, Renewable and non conventional sources of energy 	6hrs Total = 12hrs
January	1 st week		
	2 nd week	Module – 4 Social Infrastructure <ul style="list-style-type: none"> • Education and Health conceptual definition • role and importance of education and Health infrastructure in economic development • Economic dimensions of education approaches to educational planning • Social demand ,rate of return and manpower balance approaches • Economic dimensions of Health care – demand and supply of health care , • Determinants of Health –poverty , malnutrition , illiteracy and lack of information 	5hrs
	3 rd week		
	4 th week		3hrs
			4hrs
			Total = 12hrs
February	1 st week	Module – 5 Infrastructure Base in Indian <ul style="list-style-type: none"> • Infrastructure Base in Indian, Physical infrastructure energy, transport 	6hrs
	2 nd week	<ul style="list-style-type: none"> • Information and communication • Social infrastructure – Education and Health • Financing of infrastructure • Infrastructure in India 	2hrs
			2hrs
			Total = 12hrs

	3 rd week	<ul style="list-style-type: none"> Revision 	
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HOD Signature

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to
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A P S COLLEGE OF ARTS AND SCIENCE, N. R. COLONY, BANGALORE -19

DEPARTMENT OF ECONOMICS (UG)

LESSON PLAN -2023-24

From: - April to July

Total no of hrs = 60

Sem :- 6th Sem BA (International Trade Theory & Policy) (P-7)

Name of the faculty: SHRUTHI.B

Month	Week	Topics or Lessons covered	Hours
April	2nd week	<ul style="list-style-type: none">• Module -1Introduction to International Trade• Meaning,• scope• importance of international trade• Inter –regional and international trade• similarities and differences	5hrs
	3rd week	<ul style="list-style-type: none">• Module – 2Theories of International Trade• Theory of Absolute cost: advantage – Adam smith	5hrs
	4th week	<ul style="list-style-type: none">• Theory of Comparative cost advantages – David Ricardo	Total hrs =10hrs
	1st week	<ul style="list-style-type: none">• Theory of Opportunity Costs• Factor endowment theory – HeckscherOhlin theory	6hrs
Total hrs =12hrs			

		4 th week	Module – 3	5hrs	
		3 rd week	<ul style="list-style-type: none"> Terms of Trade and Commercial Policy Terms of trade - meaning, types factors affecting terms of trade forms of trade and economic development Free trade versus protection Tariffs and non-tariff 	3hrs	
		4 th week	<ul style="list-style-type: none"> Barriers - Meaning, types and effects Quotas – meaning, types and effects. Dumping – meaning, effects and antidumping measures 	2hrs	
June	1 st week	<ul style="list-style-type: none"> Module – 4 Foreign Exchange Meaning and its instruments, foreign exchange market- function Determination of equilibrium exchange rate – purchasing power parity theory Balance of payment theory 	5hrs	Total hrs =10	
		2 nd week	<ul style="list-style-type: none"> Fixed versus flexible exchange rates – merits and demerits 	4hrs	Total hrs =10
		3 rd week	<ul style="list-style-type: none"> Module – 5 Balance of Payment Meaning, structure and importance Balance of trade and balance of payment Disequilibrium in balance of payments causes and methods to correct disequilibrium 	5hrs	5hrs
					Total hrs =10

	4 th week	<ul style="list-style-type: none"> • Module – 6 • International Money Institutions • IMF – Origin, structure, objectives, functions and working of IMF • SPECIAL DRAWING RIGHTS, IMF and International liquidity 	3hrs
July	1 st week	<ul style="list-style-type: none"> • India and IMF • INTERNATIONAL Bank for Reconstruction and Development • World Bank – objective, function and working • Funding and lending activities, India and World Bank • Revision 	3hrs
	2 nd week		2hrs
	3 rd week		2hrs
	4 th week		2hrs
			Total hrs =10

Staff Member Signature



HOD Signature



Principal



H.O.D. & Assistant Professor
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DEPARTMENT OF ECONOMICS (UG)

LESSON PLAN -2023-24

From: - April to July

Total no of hrs = 60

Sem :- 6th Sem BA (Human Resource Management) (P-8)

Name of the Faculty: SHRUTHI.B

Month	Week	Topics or Lessons covered	Hours
April	1 st week	<ul style="list-style-type: none">• Module -1 Introduction• Concept of HRM – Meaning, objectives, scope and its importance• Economic and non-Economic Factors and their interactions	3hrs 3hrs 3hrs
	2 nd week	<ul style="list-style-type: none">• Distinction between HRM and Non – Human Resource	3hrs
	3 rd week	<ul style="list-style-type: none">• Module -2• Functions of HRM• Functions of HRM , Planning, Recruitment and Selection , Training and Development	6hrs
	4 th week	<ul style="list-style-type: none">• Compensation, Welfare and Industrial Relation Functions	6hrs
		Total hrs =12hrs	Total hrs =12hrs

	1 week		omrs
May		<ul style="list-style-type: none"> Module -3 Human Resource Planning Human Resource Planning – Definition, Needs and Process of HRP RESPONSIBILITY FOR HRP JOB – Analysis and its components 	6hrs Total hrs =12hrs
May	2 nd week	<ul style="list-style-type: none"> Module -4 Appraisal Performance Appraisal: Need and Significance setting Employees Performance, objectives and Goals 	6hrs
May	3 rd week	<ul style="list-style-type: none"> creating organizational conditions for improving Employee performance 	3hrs
May	4 th week	<ul style="list-style-type: none"> Module -5 Management Emotional intelligence, IQ V/S EQ Creativity and its role in management 	3hrs
June	1 st week	<ul style="list-style-type: none"> Building positive Attitude Time management and stress management 	3hrs
	2 nd week		Total hrs =12hrs
	3 rd week		3hrs
August	4 th week		5hrs
July			2hrs
			Total hrs =12hrs

Staff Member Signature



HOD Signature



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LESSON PLAN – ENGLISH

B.A- FIRST SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Chapter-1: Sathyakka Vachana	1-3 weeks	Life advice	12 hours
	Chapter-2: Nine gold medals		Sportive spirit	
	Grammar		Articles & Proposition	
2	Chapter-3: Hanchi	4-6 weeks	Folktale	12 hours
	Chapter-4 : A white Heron		Conservation of nature	
3	Chapter : 5 The last song	7-10 weeks	Women empowerment	16 hours
	Chapter-6 : Bholi		Women empowerment	
	Grammar Grammar		Tenses, Punctuation and contraction Parts of speech	
4	Chapter-7 : Chicago speech	11-12 weeks	Speech of Vivekananda	8 hours
	Grammar		Conjunctions	
5	Chapter-8: All summer in a day	13-14 weeks	Value of sunlight	8 hours
	Grammar		Homophones	
	Grammar		Writing suggestion messages	

scf
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LESSON PLAN – ENGLISH

B.A- SECOND SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Chapter-1: Shut down the shop	1-3 weeks	Irony of a mall	12 hours
	Chapter-2: Give all to love Grammar		About love and compassion Phrases	
2	Chapter-3: The little girl at the window	4-6 weeks	Humorous story	12 hours
	Chapter-4: A face in the dark		Detective story	
3	Chapter-5: Mrs. Datta writes a letter	7-10 weeks	About family and relationships	16 hours
	Chapter-6: The fly Grammar Grammar		Story about fly Clauses Phrasal verbs	
4	Chapter-7 : The good, the bad and the in between Grammar	11-12 weeks	About social media Verbs	8 hours
5	Chapter-8: Amigo Brothers Grammar Grammar	13-14 weeks	A story of brothers Dialogue to narration Writing complaint letters	8 hours

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LESSON PLAN – ENGLISH

BA- THIRD SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Reading Skill-The Purpose	1-3 weeks	Selflessness and Selfishness of people	12 hours
	Listening Skill – Learning from the West – Narayan Murthy		Accountability is an interesting attribute in the West but not in India. A speech on the same.	
2	My vision for India- Dr.APJ Abdul Kalam	4-6 weeks	Motivational speech	12 hours
	Sachin Tendulkar Speech		Farewell Speech at Wankhede Stadium	
3	I am a product of opportunities, a Police chief with a difference - KiranBedi	7-10 weeks	Importance of Education	16 hours
	I have a dream – Martin Luther King		Motivational speech	
4	Productive Skills Speaking Skills Presentation Skills Commercial Writing	11-14 weeks	Speaking and Writing Skill	16 hours

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LESSON PLAN – ENGLISH

B A- FOURTH SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Reading Skill- Dweepa	1-3 weeks	Life during Floods	12 hours
2	Listening Skill – Walrus and the Carpenter		Exploitation of Innocence	
3	Beyond Memories	4-6 weeks	About Forgetfulness	12 hours
	Impossible to I am possible		Motivational Speech	
	How great leaders Inspire action – Simon Sinek		Motivational Speech	
Presentation Group discussion Public speaking	Speaking skills			
4	Copy writing Article writing Travel writing	7-10 weeks	Writing Skill	16 hours
	Email Requisition letter Apology letter Appreciation letter Congratulation letter		E-Correspondence writing skill	
5	Social Media Platform writing	11-14 weeks	Do's and Don'ts of writing on social media	16 hours

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LESSON PLAN – ENGLISH

B.S. | BCA- FIRST SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Chapter-1 : Democracy	1-3 weeks	Explains democracy	12 hours
	Chapter-2 : When free speech is truly free Grammar		Focus on Free Speech Articles & Proposition	
2	Chapter-3: The unknown citizen	4-6 weeks	Question of individuality	12 hours
	Chapter-4 : Farewell speech		About B. Obama	
3	Chapter : 5 The golden dream	7-10 weeks	Perception of a boy	16 hours
	Chapter-6 : From a German war primer Grammar Grammar		About the value of freedom Tenses, Punctuation and contraction Prefix, suffix	
4	Chapter-7 : Monkey's Paw Grammar	11-12 weeks	Fictional story telling Comprehension	8 hours
5	Grammar Grammar Grammar	13-14 weeks	Question form Paragraph writing Note making	8 hours

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LESSON PLAN – ENGLISH

B.Sc/ BCA- SECOND SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Chapter-1: Britain Does Owe Reparation	1-3 weeks	Debate by Shashi Tharoor	12 hours
	Chapter-2: Celebrity		What is need to become famous?	
2	Chapter-3: Question of English	4-6 weeks	Need of English Language Medium	12 hours
	Chapter-4: Bankers are like anybody else except richer		How bank people deal with poor and rich	
3	Chapter-5: Hayavadana-Drama	7-10 weeks	The theme of hybridity and incompleteness	16 hours
	Grammar		Reading skills Types of comprehension Vocabulary building Synonyms / Antonyms	
4	Grammar	11-12 weeks	Cloze test article , prefix, preposition, linkers , tenses	8 hours
5	Productive skill Speaking and writing skills	13-14 weeks	Reported speech Dialogue writing Verbal and Non-verbal communications	8 hours

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LESSON PLAN – ENGLISH

B.Sc / BCA- THIRD SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Reading Skill-The Life of Galileo	1-3 weeks	Conflict between the science and the theology results in the death of truth	12 hours
	Listening Skill – Dr.B.R.Ambedkar speech		Constitutional Assembly speech	
2	My vision for India-Dr.APJ Abdul Kalam	4-6 weeks	Motivational speech	12 hours
	Sachin Tendulkar Speech		Farewell Speech at Wankhede Stadium	
3	Malala Yusuf Speech	7-10 weeks	Nobel Peace Prize Acceptance Speech	16 hours
	Speech of Chief Seattle		Motivational speech	
4	Productive Skills Speaking Skills Presentation Skills Commercial Writing	11-14 weeks	Speaking and Writing Skill	16 hours

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LESSON PLAN – ENGLISH

B.S. | BCA- FOURTH SEMESTER SYLLABUS 2022-23

Sl.No	Title of Chapter	Duration	Chapter Content	Hours to be taken
1	Reading Skill- Siddhartha	1-3 weeks	Materialistic life vs Spiritual life	12 hours
2	Listening Skill – Caged Bird		About Freedom	
3	School strike for climate	4-6 weeks	Save the world by changing the rules	12 hours
	Presentation Group discussion Public speaking		Speaking skills	
4	Copy writing Article writing Travel writing	7-10 weeks	Writing Skill	16 hours
	Email Requisition letter Apology letter Appreciation letter Congratulation letter		E-Correspondence writing skill	
5	Social Media Platform writing	11-14 weeks	Do's and Don'ts of writing on social media	16 hours

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**LESSON PLAN 2022-23
PSYCHOLOGY**

Class: I B.A. (OEC) I Semester

No of Hours: 3 Hours per week

Paper I: Psychology of Health and Wellbeing

Total No of Hours: 45 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Illness, Health and Wellbeing a) Illness, Health and Wellbeing	3 Hours
	Week 2	b) Health continuum; models of health and illness	3 Hours
	Week 3	c) Bio Medical model, Bio psychosocial model	3 Hours
	Week 4	d) Holistic Health, Health and Wellbeing.	1 Hour
			(10 Hours)
2	Week 4	Unit 2-Stress and Coping a) Nature and Sources of Stress	2 Hours
	Week 5	b) Personal and Social Mediators of Stress	3 Hours
	Week 6	c) Effects of Stress on Physical and Mental Health	3 Hours
	Week 7	d) Coping and Stress management	2 Hours
			(10 Hours)

3	Week 7	Unit 3: Health Management a) Health enhancing behavior's: Exercise	1 Hour
	Week 8	b) Nutrition, Meditation, Yoga Health compromising behaviors	3 Hours
	Week 9	c) alcoholism, smoking, internet addiction	3 Hours
	Week 10	d) Health Protective behaviors	3 Hours
	Week 11	e) Illness Management.	2 Hours
			(12 Hours)
4	Week 11	Unit 4: Promoting Human Strengths and Life Enhancement a) Strength: Meaning	1 Hour
	Week 12	b) Realizing strength, Maximizing Unrealized Strength.	3 Hours
	Week 13	c) Weakness - Meaning, Identifying	3 Hours
	Week 14	d) Overcoming Weakness.	3 Hours
	Week 15	e) Strategies to develop hope and optimism.	3 Hours
			(13 Hours)
Total number of hours= 45 Hours			



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LESSON PLAN 2022-23

PSYCHOLOGY

Class: B.A. (H) II Semester
 Paper: Youth, Gender and Identity

No. of Hours: 3 Hours per week
 Total No. of Hours: 45 Hours

Sl. NO.	NO. OF WEEKS	TOPICS COVERED	TOTAL NO. OF HOURS
1	Week 1	Unit 1: Introduction a) Concepts of Youth (Youth in Adult world), Extended Youth and Transition to 180	3 Hours
	Week 2	a) Concepts of Gender: Sex Gender Identity, Sexual Orientation	3 Hours
	Week 3	Gender Roles, Gender Role Attitudes	3 Hours
	Week 4	b) Gender Stereotypes Concepts of Identity Multiple identities	4 Hours
			(10 Hours)
2	Week 5	Unit 2: Youth and Identity a) Family: Parent youth conflict, sibling relationships, intergenerational gap	3 Hours
	Week 6	b) Peer group clarity: Friendships and Romantic relationships	3 Hours
	Week 7	c) Workplace identity and relationships	3 Hours
	Week 8	d) Youth culture: Influence of globalization on Youth Identity and Identity crisis	4 Hours
			(10 Hours)
3	Week 9	Unit 3: Gender and Identity Issues of Sexuality in Youth	3 Hours
	Week 10	a) Gender and Identity Issues of Sexuality in Youth	3 Hours
	Week 11	b) Gender discrimination, Culture and Gender	3 Hours
	Week 12	c) Influence of globalization on Gender identity	4 Hours
			(10 Hours)

LESSON PLAN 2022-23

PSYCHOLOGY

Class: B.A., 1 Semester

No of Hours: 4 Hours per week

Paper I: Foundations of Psychology-I

Total No of Hours: 52 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Genesis and Goals Of Psychology. a) Psychology: Emergence and Development; Definition and Goals of Psychology Understanding, Describing, Predicting and Control of Behaviour.	2 Hours
	Week 1	b) Key Perspectives: Psychoanalytic, Behavioural, Humanistic, Biological and Cognitive.	2 Hours
	Week 2	c) General, Bio-Physiological, Social, Child, Developmental, Abnormal and Cognitive Psychology.	3 Hours
	Week 2	d) Psychology as Applied Science: Introspection, Observation, Experimental, Clinical And Questionnaire Method.	1 Hour
	Week 3		2 Hours
			(10 Hours)
2	Week 3	Unit 2: Biology and Behaviour. a) Neuron: Structure and functions; Neural impulse, Synapse and Neurotransmitters.	2 Hours
	Week 4	b) Nervous system: Structure and Functions of Central nervous system and Peripheral nervous system.	1 Hour
	Week 4		3 Hours
	Week 5	c) Methods of studying brain functions: invasion, lesion, ablation, chemical and stimulation method.	2 Hours
	Week 5		2 Hours
	Week 6	d) Endocrine system: Functions and Effects: Pituitary, Thyroid, Parathyroid, Adrenal and Gonads.	2 Hours
			(12 Hours)
3	Week 6	Unit 3: Sensation, Attention and Perception. a) Sensation: Definition and Characteristics.	2 Hours
	Week 7	b) Types of Senses and Receptors Involved in Each Sensation.	2 Hours
		c) Attention: Meaning and Phenomena (Span of Attention, Division of Attention, Fluctuation and distraction), Determinants: Objective and Subjective.	
	Week 7	d) Perception: Meaning and Characteristics, Gestalt Laws of Perceptual Organization.	2 Hours
	Week 8	e) Depth Perception: Meaning, Perceptual Constancies, Monocular and Binocular Cues.	2 Hours
	Week 8	f) Errors in Perception: 1. Illusion - Types - Horizontal-Vertical, Muller Lyer and Illusion of Movement. 2. Hallucination- Visual, Auditory and Tactile.	2 Hours
(10 Hours)			

4	Week 9	Unit 4: Learning. a) Introduction: Definition, Factors Influencing Learning: Motivation, Reinforcement and Association.	2 Hours
	Week 9	b) Types of Learning: Trial and Error Learning: Experiment and Laws. Classical Conditioning, Extinction, Spontaneous Recovery, Generalization, Discrimination, Higher Order Conditioning.	2 Hours
	Week 10		1 Hour
	Week 10	c) Operant Conditioning: Experiment (experiment on Pigeons) Reinforcement, Schedules of Reinforcement, Shaping and Chaining.	3 Hours
	Week 11	d) Cognitive Learning: Insightful (Kohler) and Observational (Bandura).	2 Hours
			(10 Hours)
5	Week 11	Unit 5: Memory and Forgetting. a) Memory: Basic Processes - Encoding, Storage and Retrieval.	2 Hours
	Week 12	b) Types of Memory: Sensory Memory, Short-Term Memory Long-Term Memory, Working Memory, Semantic Memory, Autobiographical Memory and Flashbulb Memory.	3 Hours
	Week 12	c) Techniques to Improve Memory: Mnemonics, Chunking,	1 Hour
	Week 13	SQ3R (Survey, Question, Read, Recite and Review).	2 Hours
	Week 13	d) Forgetting: Nature and Causes of Forgetting.	2 Hours
			(10 Hours)
Total number of hours=			52 Hours



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LESSON PLAN 2022-23

PSYCHOLOGY

Class: I B.A., II Semester
Paper II: Foundation of Behaviour

No of Hours: 4 Hours per week
Total No of Hours: 52 Hours

Sl. NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Emotions. 1. Meaning and definition	4 Hours
	Week 2	2. Classification of emotions- primary and secondary.	2 Hours
	Week 2	3. Responses to emotions- physiological, behavioural, psychological and cognitive.	2 Hours
	Week 3	4. Theories of emotions-physiological, neurological, cognitive. 5. Emotional Intelligence- Meaning, definition, components, Application of emotional intelligence.	2 Hours
			(10 Hours)
2	Week 3	Unit 2: Motivation 1. Meaning, Definition, Basic Concepts-	2 Hours
	Week 4	2. Instincts, needs, drives, incentives, motivational cycle.	4 Hours
	Week 5	3. Approaches to the Study of Motivation: Psychoanalytical, ethological, S - R, Cognitive, humanistic.	2 Hours
	Week 5	4. Biological Motives: Hunger, thirst, sleep and sex. 5. Social Motives: Achievement, affiliation, approval	2 Hours
			(10 Hours)
3	Week 6	Unit 3: Intelligence. 1. Meaning, Definition of intelligence, characteristics of intelligence.	4 Hours
	Week 7	2. Types- social, crystallized, emotional, fluid. 3. Theories of Intelligence- Factor theories, hierarchical theories, process oriented theories, information processing theories.	4 Hours
	Week 8	4. Educating Gifted children.	2 Hours
	Week 8	5. Assessment of intelligence- Indian tests for intelligence. The concept of intelligence quotient.	2 Hours
			(12 Hours)

4	Week 9	Unit 4: Thinking and Reasoning. 1. Introduction to cognition.	4 Hours
	Week 10	2. Introduction to Thinking and Problem Solving Process. 3. Elements of Thinking and Types of Thinking.	4Hours
	Week 11	4. Creative and critical thinking ; Meaning and types. 5. Concept Formation: Meaning , importance and process of concept formation. 6. Problem Solving: Meaning, importance, steps, and obstacles. 7. Reasoning and decision making	2 Hours (10 Hours)
5	Week 11	Unit 5: Personality. 1. Meaning, definition.	2 Hours
	Week 12	2. Theories of personality- Type and trait, Dynamic, behavioural, Humanistic.	4 Hours
	Week 13	3. Assessment of personality- Need. Rating scales, questionnaires, Projective techniques.	4 Hours (10 Hours)
Total number of hours= 52 Hours			


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LESSON PLAN 2022-23

PSYCHOLOGY

Class: II B.A., III Semester

No of Hours: 4 Hours per week

Paper III: CHILD DEVELOPMENT

Total No of Hours: 56 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: INTRODUCTION TO CHILD DEVELOPMENT. a) Historical views of childhood.	2 Hours
	Week 2	b) Theories of child development – Cognitive theories, Behavioral and social cognitive theories; Ecological model – Bronfenbrenner. Ethological model / perspective.	2 Hours
	Week 3	c) Methods and Designs – Longitudinal, Cross – sectional, Sequential, Correlation. Modern methods of Child Development. d) Careers in Child development e) Research Challenges in Child development.	3 Hours 1 Hour 2 Hours (10 Hours)
2	Week 3	Unit 2: PRE-NATAL DEVELOPMENT. a) Conception - Stages in prenatal development - Germinal stage, Embryonic stage and Fetal stage.	2 Hours 2 Hours 2 Hours 3 Hours 1 Hours (10 Hours)
	Week 4	b) Prenatal Environmental Influences - Teratogens, Prescription and Nonprescription Drugs-illegal drugs, Tobacco, Alcohol, Radiation, Environmental Pollution, Maternal Disease and other Maternal Factors.	
	Week 5	c) Child birth – Stages of child birth. d) New Born Assessment – APGAR scale, Brazelton Neonatal Behavioural Assessment Scale. e) Chromosomal and Gene linked abnormalities – Chromosomal abnormalities - Down Syndrome; Abnormalities of the sex chromosomes - Klinefelters, Fragile x, Turner's, XXX, XYY; Gene linked abnormalities - PKU, Sickle Cell Anaemia, Tay Sachs Disease. f) Genetic Counselling, Postpartum period: Physical, Emotional, Psychological and bonding	
3	Week 6	Unit 3: PHYSICAL, COGNITIVE AND LANGUAGE DEVELOPMENT. a) MOTOR DEVELOPMENT: Reflexes – Some new born reflexes; Sleeping, Crying. Motor development in infancy – meaning; sequence of motor development – Gross motor development; fine motor development.	3 Hours
	Week 7	b) PERCEPTUAL DEVELOPMENT - Touch, Taste and Smell, Hearing, Vision. c) COGNITIVE DEVELOPMENT - Piaget's theory of	1 Hour

	Week 8	cognitive development. Vygotsky's Theory of cognitive Development- Zone of Proximal Development and Scaffolding.	4 Hours
	Week 9	d) LANGUAGE DEVELOPMENT – components of language development; Pre-linguistic development – receptivity to language, first speech sounds. Phonological development; Semantic development; Grammatical Development, Pragmatic development; Bilingualism.	4 Hours 1 Hour (13 Hours)
4	Week 9	Unit 4: EMOTIONAL, SOCIAL AND MORAL DEVELOPMENT. a) EMOTIONAL DEVELOPMENT - Development of emotional expression- Basic Emotions, Self-Conscious Emotions, Emotional self-Regulation, Acquiring Emotional Display Rules, Understanding and Responding to Emotions of Others - Social Referencing, Empathy and Sympathy.	3 Hours
	Week 10		4 Hours
	Week 11	b) SOCIAL DEVELOPMENT - Social Orientation, Development of attachment, security of attachment. Cultural Influences. Development of Self Awareness and Understanding Self.	4 Hour
	Week 12	c) MORAL DEVELOPMENT - Kohlberg's theory of Moral development.	1 Hour (12 Hours)
5	Week 12	Unit 5: DISORDERS OF CHILDHOOD. a) ADHD	3 Hours
	Week 13	b) Conduct Disorder c) Oppositional Defiance Disorder d) Anxiety Disorders Of Childhood e) Childhood Depression f) Symptom Disorders	4 Hours
	Week 14	i. Enuresis ii. Encopresis iii. Sleep Walking iv. Tics g) Pervasive Developmental Disorders (Autism).	4 Hours (11 Hours)
Total number of hours= 56 Hours			


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LESSON PLAN 2022-23

PSYCHOLOGY

Class: II B.A., IV Semester

No of Hours: 4 Hours per week

Paper IV: DEVELOPMENTAL PSYCHOLOGY

Total No of Hours: 56 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: PUBERTY & ADOLESCENCE. 1. Puberty: Meaning and Characteristics.	1 Hours
	Week 2	2. Adolescence: Physical Development – Adolescents' growth spurt, primary and secondary sexual characteristics, signs of sexual maturity.	3 Hours
	Week 3	3. Physical and Mental Health – Physical Fitness, Sleep Needs, Nutrition and Eating disorders; Substance abuse – risk factors of drug abuse, gate way drugs – alcohol – marijuana and tobacco. Addiction to Social media and Virtual Gaming. 4. Psychosocial Development: Search for Identity- Theories of Erikson and Marcia. Gender Differences and Ethnic Factors in Identity Formation. Relationship with family, peers and adult society. Adolescents in Trouble: Antisocial and Juvenile Delinquency (in brief).	4 Hours 4 Hours (12 Hours)
2	Week 4	Unit 2: EARLY ADULTHOOD Characteristics of early adulthood. 1. Health and Physical Development: Health status, Genetic and Behavioral Influences on Health and Fitness.	4 Hours
	Week 5	2. Cognitive development –Piaget's shift to post formal thought. Schaies' model. Emotional Intelligence.	4 Hours
	Week 6	3. Psycho-social development: Models - Normative, Timing-of-events, Trait and Typological. Intimate Relationships. Marital and non-marital life styles - Single life, Marriage, co-habitation, LGBT issues.	4 Hours (12 Hours)
3	Week 7	Unit 3: MIDDLE ADULTHOOD. Characteristics of Middle adulthood. 1. Physical Development – physical changes – Sensory & Psychomotor Functioning, Sexuality & Reproductive Functioning- Menopause & its Meanings; Changes in male Sexuality.	4 Hours
	Week 8	2. Cognitive development –The distinctiveness of adult cognition – the role of expertise, Integrative thought, practical problem solving, creativity. Occupational Patterns, Work v/s Early Retirement, Work and Cognitive Development, Mature Learner.	4 Hours

	Week 9	<p>3. Psycho-Social Development – Changes in Relationship at Midlife. Consensual Relationships: Marriage, Midlife divorce, LGBT issues, Friendships, Relationships with maturing children.</p> <p>4. Vocational Adjustments – Factors affecting vocational adjustment in Middle Adulthood, Vocational Hazards, Adjustment to approaching Retirement.</p>	<p>3 Hours</p> <p>1 Hour (12 Hours)</p>
4	Week 10	<p>Unit 4: LATE ADULTHOOD. Characteristics of Late adulthood.</p> <p>1. Physical Changes: Sensory & Psychomotor Functioning – Vision, Hearing, Taste & Smell, Strength, Endurance, Balance & Reaction time.</p>	2 Hours
	Week 11	<p>2. Cognitive Development: Intelligence and Processing Abilities. Competence in everyday tasks & problem solving.</p> <p>3. Psychosocial Development – Personal Relationships in Late life: Social Contact, Relationships & Health, Multigenerational Family. Consensual Relationships: Long-Term Marriage, Divorce and Remarriage, Widowhood, Single Life, Friendships.</p>	2 Hours
	Week 12	<p>Non-marital kinship ties: Relationships with Adult children or their absence, Relationship with siblings. Becoming Great-Grandparents.</p>	4 Hours 2 Hours (10 Hours)
5	Week 12	<p>Unit 5: LATE ADULTHOOD (Old Age).</p> <p>1. Theories of ageing: programmed theories and damaged theories.</p>	2 Hours
	Week 13	<p>2. Many faces of death: Care of the dying.</p> <p>3. Facing death & Loss: Psychological Issues-Confronting one's death; Patterns of grieving</p>	4 Hours
	Week 14	<p>4. Death & Bereavement across the Lifespan.</p> <p>5. Issues related to Death - Medical, Legal and Ethical.</p> <p>6. Finding Meaning & purpose in Life & Death</p>	4 Hours (10 Hours)
Total number of hours= 56 Hours			



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LESSON PLAN 2022-23

PSYCHOLOGY

Class: B1 B.A., V Semester

No of Hours: 3 Hours per week

Paper V: Psychological Disorders

Total No of Hours: 40 Hours

Sl. NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Introduction. a) Definition of Abnormal Psychology, Elements or indicators of abnormality (What do we mean by abnormality).	3 Hours
	Week 2	b) Need to classify mental disorders; Disadvantages of classification, DSM V and ICD-11.	3 Hours
	Week 3	c) Psychological viewpoints: Newer Psychodynamic perspectives, Behavioural perspective and Cognitive behavioural perspective	3 Hours
	Week 4	d) Prevalence of mental disorder in India.	1 Hour (10 Hours)
2	Week 4	Unit 2: Anxiety Disorders, Somatic Symptom Disorder and Dissociative Disorders. Part A: Anxiety Disorders: a) Fear and anxiety response pattern; Definition of Anxiety Disorders.	2 Hours
	Week 5	b) Primary Types of anxiety disorders. c) Clinical picture of Specific Phobias, Social Phobias and Obsessive Compulsive Disorder.	2 Hours
	Week 5	Part B: Somatic Symptom Disorders: a) Definition of somatic symptom disorder.	1 Hour
	Week 6	b) Clinical picture of Somatization Disorder, Hypochondriasis, Pain Disorder and Conversion Disorder.	2 Hours
	Week 6	Part C: Dissociative Disorders a) Definition of dissociative disorders.	1 Hour
	Week 7	b) Clinical picture of Fugue, Dissociative Amnesia and Dissociative Identity Disorder.	2 hours
			(10 Hours)
3	Week 7	Unit 3: Personality Disorders and Sexual Variants. Part A: Personality Disorder	1 Hour
	Week 8	a) Definition and Clinical Features of Personality disorders. b) Clinical picture of Paranoid (Cluster 'A'), Antisocial (Cluster 'B') and Dependent (Cluster C) Personality Disorders.	3 hours
	Week 9		1 Hour

	Week 9	Part B: Sexual Variants: a) Types of Paraphilias. b) Clinical picture of Exhibitionism and Transvestic Fetishism.	2 Hours
	Week 10		3 Hours (10 Hours)
4	Week 11	Unit 4: Mood Disorders and Schizophrenia. Part A: Mood Disorders: a) Definition, Types of mood disorders. b) Unipolar Mood Disorders Persistent Depressive Disorder, Major Depressive Disorder. Specifiers of Major Depressive Disorder. c) Bipolar and Related Disorders- Cyclothymic Disorder, Bipolar Disorders (I and II) - Features of Bipolar Disorders. Part B: Schizophrenia: a) Definition, Clinical picture. b) Subtypes of Schizophrenia.	3 Hours
	Week 12		3 Hours
	Week 13		3 Hours
	Week 14		1 Hour (10 Hours)
			Total number of hours= 40 Hours



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LESSON PLAN 2022-23

PSYCHOLOGY

Class: III B.A., V Semester

No of Hours: 3 Hours per week

Paper VI: Counselling Psychology

Total No of Hours: 40 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Introduction.	3 Hours
	Week 2	Definition of Counselling.	3 Hours
	Week 3	Guidance and Psychotherapy Goals of Counselling.	3 Hours
	Week 4	Scope of Counselling. Historical background of Counselling. Special areas in counselling.	1 Hour (10 Hours)
2	Week 4	Unit 2: Theoretical approaches to Counselling.	2 Hours
	Week 5	Psycho-Analytical Therapy	3 Hours
	Week 6	Behavioural Therapy	1 Hour
	Week 6	Humanistic Therapy	2 Hours
	Week 6	Cognitive Therapy	2 Hours
	Week 7	Gestalt Therapy	(10 Hours)
3	Week 7	Unit 3. Process of Counselling.	1 Hour
	Week 8	Client - Counselor Relationship establishment, Problem Identification and Exploration, Planning for Problem Solving, Solution Application and Termination.	3 hours
	Week 9	Building Counseling Relationship - Factors that influence the counselling process: Seriousness of the presenting problem, Structure, initiative, the physical setting, Client qualities, Counselor qualities, Types of initial interviews.	1 Hour
	Week 9	Working in a counselling relationship: Counsellor Skills in the understanding and action phases - Changing perceptions, leading, Multi focused responding,	2 Hours
	Week 10	Accurate empathy, Self-disclosure, Immediacy, Humor, Confrontation, Contracting, Rehearsal, Transference and Counter Transference.	3 Hours
	Week 11	Closing Counseling Relationships: Function and Timing of closing a counselling relationship. Issues related to termination - Follow up, Referral and Recycling.	2 Hours (12 Hours)

4	Week 11	Unit4: Ethics in Counselling.	1 Hour
	Week 12	Codes of Professional Ethics.	3 Hours
	Week 13	Ethical Principles: Respect for Autonomy, Beneficence, Nonmaleficence, justice, Fidelity.	3 Hours
	Week 14	Ethical Theory: Relationship between Ethics & Law; Common Ethical violations by Mental Health Professionals.	1 Hour
			(8 Hours)
Total number of hours= 40 Hours			



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LESSON PLAN 2022-23

PSYCHOLOGY

Class: III B.A., VI Semester

No of Hours: 5 Hours per week

Paper VII: Organizational Psychology

Total No of Hours: 40 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Introduction. a) Definition, Goals, Forces and Fundamental Concepts - Nature of people and Nature of organization.	3 Hours
	Week 2	b) History of Organizational Behavior.	3 Hours
	Week 3	c) Areas of Industrial Psychology.	3 Hours
	Week 4	I-O Psychology as a career	1 Hour (10 Hours)
2	Week 4	Unit 2: Selection, Training and Development. a) Employee Selection Process; Use of Psychological Tests, Interviews.	2 Hours
	Week 5	b) Training Scope of Organizational Training; Goals of Organizational Training Programs- Needs Assessment- Organizational Analysis.	2 Hours
	Week 5	c) Types of Training Programs-On the job Training-Vestibule Training, Apprenticeship,	1 Hour
	Week 6	Computer Assisted Instruction (CAI), Net Based training, Behavior Modification, Job Rotation,	2 Hours
	Week 6	Case Studies, Business Games, In basket training, Role Playing, Behavior Modeling,	1 Hour
	Week 7	Executive Coaching. d) Evaluating Organizational Training Programs	2 hours (10 Hours)

3	Week 7 Week 8	Unit 3: Performance Appraisal. a) Definition, Need for Performance Appraisal. b) Techniques of Performance Appraisal Methods (1) Objective Performance Appraisal Methods- Output measures, Computerized Performance Monitoring, Job-Related Personal Data Essay Methods, Critical Incident Method, Checklist Method, (2) Judgmental Performance Appraisal Methods-Written narratives, Merit Rating Techniques-Rating Scales, Ranking Techniques. Paired Comparison Technique, Forced - Distribution Technique, Forced Choice Technique, Behavior Anchored Rating Scale (BARS), Behavior Observation Scales (BOS) (c) Management by Objectives (MBO) 360° Feedback. c) Bias in Performance Appraisal. Methods to Improve Performance Appraisal.	1 Hour
	Week 9		3 hours
	Week 9		1 Hour
	Week 10		2 Hours
4	Week 11	Unit 4: Work Related Attitudes, Leadership, Work Motivation & Reward systems. a) The Nature of employee's attitude and Job satisfaction-job involvement, organizational commitment, work moods, effects of employee attitudes. b) Definition of motivation, types of motivation, theories of motivation-Herzberg's-Motivator- Hygiene (Two factors) Theory, Alderfer's-E-R- G Model. c) Leadership: The Nature of Leadership, Traits of Effective Leaders, Leadership styles-Autocratic Democratic and Laissez-faire. d) Economic Incentives systems - Purposes & Types -Incentives Linking Pay with Performance. Wage Incentives, Profit Sharing, Gain Sharing, And Skill-Based Pay	3 Hours
	Week 12		3 Hours
	Week 13		3 Hours
	Week 14		1 Hour
			(10 Hours)
			(10 Hours)
Total number of hours= 40 Hours			


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LESSON PLAN 2022-23

PSYCHOLOGY

Class: III B.A., VI Semester
Paper VIII: Health Psychology

No of Hours: 3 Hours per week
Total No of Hours: 40 Hours

SL NO	NO OF WEEKS	TOPICS COVERED	TOTAL NO OF HOURS
1	Week 1	Unit 1: Introduction. a) Definition of Health Psychology; Goals of Health Psychology.	3 Hours
	Week 2	b) Models of Health Psychology: Biomedical Model Vs Biopsychosocial Model.	3 Hours
	Week 3	c) Illness Cognition: The meaning of being Healthy; Leventhal's Self-regulatory model of illness cognition.	3 Hours
	Week 4		1 Hour
			(10 Hours)
2	Week 4	Unit 2: Health and Behaviour. a) Health enhancing behaviour:	2 Hours
	Week 5	i) Psychological factors as resilience, hope, optimism, positive self.	3 Hours
		ii) Physical factors such as weight control, Diet, Exercise.	
	Week 6	b) Health Compromising Behaviour: Smoking, Alcoholism and Substance abuse.	3 Hours
	Week 7	c) Changing health habits: Approaches to health behaviour change: cognitive behavioural, social engineering and Transrational model.	2 hours
			(10 Hours)
3	Week 7	Unit 3: Stress, Lifestyle Disorders and Its Management.	1 Hour
	Week 8	a) What is stress; theories of stress (Cannon, Selye, Lazarus), sources of stress.	3 hours
		b) Coping: what is coping, ways of coping; social support.	
	Week 9	c) Psychoneuroimmunology: immune system- Humoral and cell mediated immunity.	3 hours
	Week 10	d) Cardiovascular disease, Cancer, Diabetes, AIDS.	3 hours
e) Yoga for specific Lifestyle disorders: Asthma, Sleeplessness, diabetes, BP and cardiac heart diseases.			
			(10 Hours)

4	Week 11	Unit 4: Pain and Its Management. a) What is pain; Role of Psychosocial factors in pain perception: Subjective-affective-cognitive processes. b) The role of Psychology in pain treatment; CBT. c) Pain management techniques: biofeedback, relaxation techniques, hypnosis, acupuncture, distraction, guided imagery.	3 Hours
	Week 12		3 Hour
	Week 13		3 Hours
	Week 14		1 Hour (10 Hours)
Total number of hours= 40 Hours			


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Department of Political Science (UG)

LESSON PLAN-2022-23

From: - May to August

Total no of hrs=24		Paper: IV Sem – Constitution of India	Name of the faculty: Divya
Month	Weeks	Topics or Lessons covered	24 Hours
May-2023	1 st week	Unit-I Chapter- 1 Making of Indian Constitution:	2 hours
	2 nd Week	Constituent Assembly-Composition, Objectives,	2 hours
	3 rd Week	Preamble and Salient features of the Indian Constitution.	2 hours
	4 th Week	Chapter-2 Fundamental Rights,	2Hours Total 8 hours
June-2023	1 st week	Fundamental Duties, Directive Principles.	2 Hours
	2 nd Week	Unit-II Chapter-3 Union Government-President,	2hours

3 rd Week	Prime Minister and Council of Ministers	2 hours
4 th Week	Chapter-4 State Government-Governor, Chief Minister and Council of Ministers	2 hours Total 8 hours
1 st Week	Unit- III Chapter- 5 Judiciary-Supreme Court and High Court:	2 hours
2 nd Week	Composition, Powers and Functions and Judicial Review.	2hours
3 rd WEEK	Chapter-6 Electoral Process: Election CommissionComposition,	2 hours
4 th Week	Powers and Functions, Electoral Reforms.	2 hours Total 8 hours

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DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-23

From: - September to December

Total no of hrs = 45

Sem: - 1st Sem BA DSC-1 [BASIC CONCEPTS IN POLITICAL SCIENCE]

Name of the Faculty: DIVYA,P

Month	Weeks	Topics or Lessons covered	Hours
SEPTEMBER	2 nd Week	<u>UNIT-I</u> <u>CHAPTER 1: POLITICAL SCIENCE</u> <ul style="list-style-type: none">• Meaning of politics• Nature, Scope and Importance of Political Science	3
		<ul style="list-style-type: none">• Approaches to the study of Political Science• Philosophical Approach• Historical Approach• Institutional Approach• Emergence of the idea of Political Domain.	
	3 rd Week		
	4 th Week	<u>CHAPTER 2: STATE</u> <ul style="list-style-type: none">• Meaning, Definition of State• Elements of State• Difference between State and Government	3
			Total = 6hrs

OCTOBER

- 2nd Week
 - Difference between State and Security
 - Difference between State and Association
 - Theories of State
 - Realistic Theory3

- 2nd Week
 - Liberal Theory
 - Neo-liberal Theory
 - Marxist Theory3

- 3rd Week
 - Gandhian Theory1

Total = 10hrs

- 4th Week
 - CHAPTER 3: CIVIL SOCIETY
 - Meaning and Importance
 - Challenges to the Civil Society2

Total = 3hrs

- UNIT - II
 - CHAPTER 4: SOVEREIGNTY
 - Emergence of Sovereignty
 - Meaning of Sovereignty
- 2

- 1st Week
 - Characteristics of Sovereignty2

Total = 3hrs

NOVEMBER

- 2nd Week
 - CHAPTER 5: SOVEREIGNTY
 - Kinds of Sovereignty3

- 2nd Week
 - Theories
 - Merits
 - Realistic Theory3

Total = 8hrs

- 3rd Week
 - Challenges to the State Sovereignty in the age of Globalization3

CHAPTER 6: LAW

- 2nd Week
 - Meaning
 - Sources, Kinds of law3

Total = 3hrs

DECEMBER	1 st Week	2 nd Week	3 rd Week	4 th Week	Total = 6hrs
	<p><u>UNIT-III</u></p> <p><u>CHAPTER 7: LIBERTY</u></p> <ul style="list-style-type: none"> • Meaning Kinds of Liberty • Positive and Negative Liberty 	<p><u>CHAPTER 8: EQUALITY</u></p> <ul style="list-style-type: none"> • Meaning • <u>Kinds of Equality</u> • Social Equality • Political Equality • Economic Equality 	<p><u>CHAPTER 9: POWER and JUSTICE</u></p> <ul style="list-style-type: none"> • <u>POWER</u> • Meaning and Kinds • <u>JUSTICE</u> • Meaning and Kinds • <u>POLITICAL OBLIGATION</u> • Nature and Theories 		<p>3</p> <p>Total = 3hrs</p>
					3
					Total = 6hrs

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A.P.S COLLEGE OF ARTS AND SCIENCE, N.R COLONY, BANGALORE -19

DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-23

From: - September to December

Total no of hrs = 45

SEM: - 1st Sem BA DSC-2 [POLITICAL THEORY]

Name of the Faculty: DIVYA.P

Month	Weeks	Topics or Lessons covered	Hours
SEPTEMBER	2 nd week	UNIT-1 CHAPTER-1 POLITICAL THEORY	3
	3 rd week	<ul style="list-style-type: none">• Introduction• Meaning,• Nature of Theory• Importance of Theory• Meaning,• Nature of political Theory	3
	4 th week	<u>Traditional Approaches to Political Theory</u> <ul style="list-style-type: none">• Historical Approaches• Philosophical Approaches• Institutional Approaches	3
		Total = 9hrs	

	4 th Week	<ul style="list-style-type: none"> Robert Nozick Ideas on Libertarianism CHAPTER : 7 COMMUNITARIANISM AND MULTICULTURALISM IN INDIAN PERSPECTIVE <ul style="list-style-type: none"> Communitarianism 	1	Total = 4hrs
DECEMBER	1 st Week	<ul style="list-style-type: none"> Continuation... Communitarianism Multiculturalism 	3	Total = 4hrs
	2 nd Week	CHAPTER : 8 PROPONENTS OF SECULARISM <ul style="list-style-type: none"> Mohandas Gandhi Rajeev Bhargava Jawaharjal Nehru 	3	Total = 3hrs
	3 rd Week	CHAPTER : 9 CRITIQUE OF SECULARISM <ul style="list-style-type: none"> Ashis Nandy TN Madan 	3	
	4 th Week	<ul style="list-style-type: none"> Balagangadhar Partha Chatterjee 	3	Total = 6hrs

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DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-2023

From: - November to February

Total no of hrs = 60

Semr - Sth Sem BA.S.I PUBLIC ADMINISTRATION

Name of the faculty: DIVYA.P

Month	Weeks	Topics or Lessons covered	Hours
NOVEMBER	2	• UNIT 1 INTRODUCTION to CANONIC JEFFRE O- PUBLIC ADMINISTRATION	4
	3	• Scope of public administration • Evolution of the discipline of public administration	4
	4	• Significance of public administration • Levels and public administration	4
	Total = 12hrs		
December	1	• UNIT 2 Theories and principles of organization • Meaning / types of organization • Principles of organization - hierarchy, unity of command and span of control	5

Month	Weeks	Topics or lessons covered	Hours
January	2	<ul style="list-style-type: none"> • Theories of organization • Scientific management theory • Classical theory of organization 	5
	3	<ul style="list-style-type: none"> • Human relation theory • Bureaucratic theory 	5
	4	<ul style="list-style-type: none"> • UNIT 3 • Structure of administrative organization <ul style="list-style-type: none"> • reproduction • Chief Executive - powers and functions 	3
	1	<ul style="list-style-type: none"> • Lines, Staff, Auxiliary agencies • Departments 	4
	2	<ul style="list-style-type: none"> • Public corporations • Government corporations • Boards and commissions 	5
		Total = 12hrs	

Month	Weeks	Topics or Lessons covered	Hours
February	3	<ul style="list-style-type: none"> • UNIT-4 Dynamics of Management • Leadership • Managerial positions and types. 	3
	4	<ul style="list-style-type: none"> • Control ratio • Measuring methods, and barriers. • Planning • Planning, and kinds 	3
	1	<ul style="list-style-type: none"> • Public selection • Selection: Nature. • Entrepreneurship • Planning: Nature [Peter Drucker] 	5
	2	<ul style="list-style-type: none"> • UNIT-5 Personnel Administration • Meaning, objectives • Position Classification • Recruitment 	5
Total = 10hrs			

Month	Weeks	Topics Or Lessons covered	Hours
FEBBRAURY	3	<ul style="list-style-type: none"> • Training • Promotion • Discipline 	5
	4	<ul style="list-style-type: none"> • Pay • Recruitment • Generalist versus Specialist 	2
Total = 10hrs			

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DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-2023

From: - November to February

Total no of hrs = 60

Sem: 5th Sem B.Z INTERNATIONAL POLITICS

Name of the faculty: DIVYAJ

Month	Weeks	Topics of Lessons covered	Hours
NOVEMBER	2 nd Week	<ul style="list-style-type: none"> • UNIT-1 INTERNATIONAL POLITICS introduction World Pol. Scene, Importance 	3
	3 rd Week	<ul style="list-style-type: none"> • THEORIES • Historic Theories • Realistic Theories 	4
	4 th Week	<ul style="list-style-type: none"> • Systems theory • Game theory 	4
	5 th Week	<ul style="list-style-type: none"> • Decision Making Theory • UNIT-2 NATION STATE AND NATIONAL POWER Introduction 	3
	Total = 10hrs		
DECEMBER	1 st Week	<ul style="list-style-type: none"> • Case of Nation State • National Power 	3

		Monday & Electives.....	
DECEMBER	2 nd Week	<ul style="list-style-type: none"> • Structures of National Power • National Power • Shaping & Efficacy • Foreign Policy 	3
	3 rd Week	<ul style="list-style-type: none"> • Structure of Foreign Policy • International • Diplomacy 	3
	4 th Week	<ul style="list-style-type: none"> • Meaning, Types • Functions 	3
	1 st Week	<ul style="list-style-type: none"> • UNIT-3 WAR AND GLOBAL TERRORISM Introduction • War 	5
JANUARY	2 nd week	<ul style="list-style-type: none"> • Meaning, Nature, Types • Causes and Remedies of War • Global Terrorism 	5
	3 rd Week	<ul style="list-style-type: none"> • Meaning & Features • Role of State Actors in Global Terrorism • Role of Non-State Actors in Global Terrorism 	5
	4 th week	<ul style="list-style-type: none"> • Contrast of Terrorism • UNIT-4 APPROACHES TO INTERNATIONAL PEACE • Balance of Power • Collective Security 	3
	5 th week	<ul style="list-style-type: none"> • Pacific Settlement of International Disputes • Disarmaments 	3
	1 st week	<ul style="list-style-type: none"> • Arms Control 	4
		Total = 15hrs	
FEBRUARY			

		Total = 10hrs
2 nd Week	<ul style="list-style-type: none"> • UNIT-5 INTERNATIONAL LAW AND HUMAN RIGHTS • Introduction • Nature , Sources 	3
3 rd Week	<ul style="list-style-type: none"> • Sanction of International Law • Role of UN in the promotion of Human Rights 	3
4 th Week	<ul style="list-style-type: none"> • Role of UNHR in promotion of Human Rights • Role of Non-Governmental Organisation in the promotion of Human Rights 	4
		Total = 10hrs


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DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-23

Total No. of hrs = 60


From: -APRIL to JULY

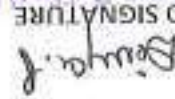
6th Sem B.A Paper: 7.1 ADVANCED PUBLIC ADMINISTRATION

Name of the Faculty: Divya P

Month	Weeks	Topics or Lessons covered	Hours
APRIL	1	Introduction to the Syllabus UNIT-1 Financial Administration Meaning, Nature, Importance	4
MAY	4	Budgetary Process Formulation of Budget Legislation of Budget	7
	1	Implementation of Budget Types of Budgets Performance Budget	4
	2	Meaning, Features of Performance Budget Preparation of Performance Budget Phases of Performance Budget Merits and Demerits Zero Based Budget Meaning, Features, Merits and Demerits	2
	3	UNIT-2 Accountability and Control Concept of Accountability and Control Accountability by earning, Defining, Kinds of Controlling Accountability Importance of Accountability	3
JUNE	3	Legislative Control Over Administration Executive Control Over Administration Judicial Control Over Administration Citizen and Administrative Central Vigilance Commission	5
	4	Local Power and Functions Lokayukta Lower and Functions	4
	5	UNIT-3 Administrative Power Lower and Functions Lokayukta	4
	6	Administration Education Meaning, Growth, Merits and Objectives	4
	7		16hrs

Month	Weeks	Topics or Lesson Covered	Hours
APRIL	3 rd	Introduction UNIT-1 INTERNATIONAL ORGANIZATION League of Nation Origin, Growth	5
MAY	4 th	League of Nation Purpose, Principles Organization and Working Achievement and Shortcomings	5
	1 st	United Nations Origin, Purpose Principal Organization	5
	2 nd	Working Achievements Shortcomings	3
	3 rd	Terms of Jctec Nations ECONOMY Meaning, fundamentals	3
JUNE	4 th	Regional Co-operation European Union ASEAN SAARC BRICS African union	5
	1 st	SAARC BRICS	4
	2 nd	SALTA CAU	4
	3 rd	UNIT-3 INTERNATIONAL ACTION IN THE CONTEXT OF GLOBALIZATION Local Economic Governance Neo-liberalism	4

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4	8hrs	<ul style="list-style-type: none"> World Bank IMF WTO 	4 th	
5	5hrs	<ul style="list-style-type: none"> UNIT IV MAJOR ISSUES IN INTERNATIONAL POLITICS NIEO North-South & South-South dialogue Global Governance 	1 st	JULY
5	5	<ul style="list-style-type: none"> UNIT V FOREIGN POLICY OF INDIA Features, Objectives and Trends of N.A.M Indian relation with major powers India - U.S.A India - Russia 	2 nd	
5		<ul style="list-style-type: none"> India - China India's Relation with Neighbours India - Pakistan 	3 rd	
5	15hrs	<ul style="list-style-type: none"> India - Sri Lanka India - Nepal India - Bangladesh 	4 th	

From: - November to February
Sem - 3rd SEM

Total no of hrs = 45

DSC-5 - INDIAN GOVERNMENT AND POLITICS

Name of the Faculty: DIVYA.P

Month	Weeks	Topics or Lessons covered	Hours
NOVEMBER	2 nd Week	UNIT-1 CHAPTER 1 <ul style="list-style-type: none">• Introduction• Approaches to the study of states• Liberal• Marxist• Gender	3
	3 rd Week		3
	4 th Week	CHAPTER-2 <ul style="list-style-type: none">• Constituent Assembly – Composition• Major Debates on the structure of Indian Constitution	3
	Total = 6hrs		
DECEMBER	1 st Week	CHAPTER-3 <ul style="list-style-type: none">• Continuation of Major Debates on the structure of Indian Constitution	1
	Total = 6hrs		
		CHAPTER-3 <ul style="list-style-type: none">• Preamble	2

2nd Week 3

Total = Slurs

3rd Week UNIT-2 3

CHAPTER-4

- Jriec Executive

- Separation of Powers and Functions

- Vice-President: Powers and Functions

- Prime Minister: Powers and Functions

- Council of Ministers: Powers and Functions

CHAPTER-5

- Parliament: Powers and Functions of Lok Sabha & Rajya Sabha

Total – Slurs

JANUARY 2nd Week 3

- Relationship between the two chambers

- Amendment Process

- Major Amendments 42nd, 73rd, 74th

- Major Amendments 82nd, 101st

CHAPTER-6

- Judiciary

- Supreme Court – Powers and Functions

- Judicial Review

Total – Slurs

3rd Week 3

- Appellate Authority

- Basic Structure of the Indian Constitution

Total – Slurs

4th Week UNIT-2 3

CHAPTER-7

- Nature of Indian Political System

- Union – State Relations

3

DEPARTMENT OF POLITICAL SCIENCE

LESSON PLAN -2022-2023

From: November to February
SEM:- 3rd SEM

Total no of hrs = 45

BSC-5 - Parliamentary Procedures in India

Name of the Faculty: DIVYA.P

Month	Weeks	Topics or Lessons covered	Hours
NOVEMBER	1 st Week	<u>UNIT-1</u> <u>CHAPTER-1</u> <ul style="list-style-type: none"> • nature and • Director to the Legislatures: Parliamentary Functions 	3
	2 nd Week	<ul style="list-style-type: none"> • Elections of State Legislature 	2
	3 rd Week	<u>CHAPTER-2</u> <ul style="list-style-type: none"> • Powers and Functions of Member of Parliament 	1
	4 th Week	<ul style="list-style-type: none"> • Powers and Functions of Member of State Legislature 	3
DECEMBER	1 st Week	<ul style="list-style-type: none"> • Privileges of Peoples Representatives 	1
	2 nd Week	<u>CHAPTER-3</u> <ul style="list-style-type: none"> • Legislative Procedures of the Parliament: • Articles: 107,108,109,110,111,112,113,114 	2
	3 rd Week	<ul style="list-style-type: none"> • Articles: 115,116,117,118,119,120,121,122 	3
		Total = 5hrs	
		Total = 5hrs	

UNIT-2 _____ **3**

CHAPTER-2

- Kinds of Bills
- Ordinary Bills

- Money Bills

- Finance Bills

- Finance Member Bills

2

Total = 5hrs

JANUARY _____ **1st Week**

CHAPTER-3

- Drafting of the Bills

- First Reading and Departmental Scrutiny Committees

- Second Reading

- Third Reading

- Passage of Bills

- Consent by the President

- Gazette Notification

2

Total = 5hrs

3rd Week

CHAPTER-6

- Parliamentary Committees:

- Departmental Standing Committees

- Select Committees

- Joint Parliamentary Committees

- Advisory Committees

3

4th Week

- Public Accounts Committee on Privilege Business

- Ethics Committees

2

Total = 5hrs

UNIT-3

CHAPTER-7

- Motions and Hours in the House

- Question Hour, Zero Hour

1

Month	Weeks	Topics or Lessons covered	Hours
MAY	1 st	UNIT-I Chapter-1 Salient Features of the Greek Political Thought	4
	2 nd	Plato: State, Theory of Justice, Philosopher-King	3
	3 rd	Aristotle: State and its Classification, Theory of Revolution	3
	4 th	Chapter-2 Salient Features of Medieval Political Thought, Christian Tradition	3
JUNE	1 st	Chapter-3 St Thomas Aquinas: God, Law, State, St Augustine: Theory of Two Swords, Machiavelli on Political Statecraft	3
	2 nd	UNIT-II Chapter-4 Thomas Hobbes: Social Contract Theory of Sovereignty	3
	3 rd	John Locke: Social Contract Theory of Government, Separation of Powers	3
	4 th	J.J Rousseau: Social Contract, General Will	3
JULY	1 st	Chapter-5 Jeremy Bentham: Theory of Utilitarianism	3
	2 nd	Chapter-6 Edmund Burke: Theory of Liberty	3

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AUGUST	1 st	UNIT-3 Chapter-7 Hegel: Dialectical Materialism: Karl Marx: Classless and Stateless Society	3
	2 nd	Chapter-8 Jurgen Habermas: Communicative action, Public Sphere,	3
	3 rd	Continuation... Theory of truth and knowledge.	3
	4 th	Chapter-9 Hannah Arendt: Theory of Action, Modernity, Conception of Citizen.	3
			12hrs


DEPARTMENT OF POLITICAL SCIENCE


LESSON PLAN -2022-23

From MAY to AUGUST

1. It is sent. Paper: SSC- INDIAN NATIONAL MOVEMENT AND CONSTITUTIONAL DEVELOPMENT
 Name of the Faculty: Divya.P
 Total No. of hrs = 45

Month	Weeks	Topics or lessons covered	Hours
MAY	1 st	UNIT-I Chapter-1 Indian National Movement Features, The Revolutionary Phase	4
	2 nd	Chapter-2 The Gandhi - thesis Non-cooperation movement Civil Disobedience Movement	4
	3 rd	Quit India Movement Chapter-3 Constitutional development 1773 Regal or Act 1858 Queen Proclamation	4
JUNE	4 th	1858 Queen Proclamation	3
	5 th	1858 Queen Proclamation	3
	6 th	1858 Queen Proclamation	3
	7 th	1858 Queen Proclamation	3
	8 th	1858 Queen Proclamation	3
	9 th	1858 Queen Proclamation	3
	10 th	1858 Queen Proclamation	3
	11 th	1858 Queen Proclamation	3
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	22 nd	1858 Queen Proclamation	3
	23 rd	1858 Queen Proclamation	3
	24 th	1858 Queen Proclamation	3
	25 th	1858 Queen Proclamation	3
	26 th	1858 Queen Proclamation	3
	27 th	1858 Queen Proclamation	3
	28 th	1858 Queen Proclamation	3
	29 th	1858 Queen Proclamation	3
	30 th	1858 Queen Proclamation	3
JULY	1 st	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	2 nd	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	3 rd	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	4 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	5 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	6 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	7 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	8 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	9 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	10 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	11 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	12 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	13 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	14 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15
	15 th	UNIT-II Chapter-4 Mahatma's Return Act of 1909 Montagu-Chelmsford Act of 1919: main provisions and binary Minto Report Minto's 12 points formula Chapter 5 Government of India Act 1935: Main provisions of Round Table Conference, Provincial Autonomy Confidential Federal System Chapter-6 Indian Independence Act of 1947: Main provisions Indian Independence	15

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		3 rd	UNIT-III Chapter-7 Constituent Assembly Debates State Structure, Citizenship,	3
		4 th	Universal Adult Franchise Chapter-8 Minority Rights	3
AUGUST		1 st	Uniform Civil Code Chapter-9 Languages	3
		2 nd	Union of States	3
				15hrs

From - MAY to AUGUST
Sem - 4th Sem BA, DSC 7 - ANCIENT INDIAN POLITICAL IDEAS AND INSTITUTIONS

Name of the Faculty: Divya P

Total no of hrs = 45hrs

Month	Weeks	Topics or Lesson Covered	Hours
MAY	1 st	Unit-1 INTRODUCTION Chapter-1: Sources of early Indian thought Sources and time periods Pre- and Post-Classical	3
	2 nd	Chapter-2: Perspectives: Orientalists, Nationalists Mark on Indian Mode of Production Gandhi on Varna Sharma Drama Drachakumar on Perspective	1
	3 rd	Chapter-3: Indian Culture: Cultural Narratives (With reference to the following) • Competency Discourses (Kharavela and Edward Said), etc	3
	4 th	UNIT II Chapter-4: Socio-Political Ideas in the Early Indian Thought • Dharmakya, Dharmic, Danda, etc, Nyaya, Varnekrama and Ashramadharma	2
	5 th	Chapter-5: Kingship • On Kings • From Kingship to Republic	1
JUNE	1 st	UNIT II Chapter-4: Socio-Political Ideas in the Early Indian Thought • Dharmakya, Dharmic, Danda, etc, Nyaya, Varnekrama and Ashramadharma	3
	2 nd	Chapter-5: Kingship • On Kings • From Kingship to Republic	3
	3 rd	Chapter-6: Republic • From Kingship to Republic	3

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1	Shrs	• Nature and Structure.	1 st				
2	Shrs	• Functions of institutions: • Sabha, Samiti.	Chapter-6:				
3	Shrs	• Vidhata • Paura-Janapada	2 nd				
3		• Nature, Structure, Functions Role of Stories in Indian Tradition and its Relevance	3 rd	UNIT III			
2	Shrs	• Continuation... Functions Role of Stories in Indian Tradition and its Relevance	4 th				
3		Chapter-8: Ramayana (Valmiki): • Rama Rajya, Subaltern	1 st				AUGUST
2	Shrs	• Adhyatmic perspective and its Relevance	2 nd				
1	Shrs	Chapter-9: Mahabharata (Vyasa): • Raja dharma in Shanti parva					
3		• Raja dharma in Shanti parva	3 rd				
1		• Idea of war					
1	Shrs	• Peace and its Relevance	4 th				

MONTH	WEEKS	Topics or Lesson Covered	HOURS
MAY	1 st	UNIT I INTRODUCTION	3
	2 nd	Chapter-1 Trends and Lineages of Modern Political Analysis • Meaning, Nature • Scope and goals of modern political analysis	2
	3 rd	Chapter-2 Typological System • 3 types and different school of Art and Weber	3
	4 th	Chapter-3 Artistic and Welfare • Classification of Artistic and Weber • Continuation of Classification of Artistic and Weber	1
	5 th	Chapter-4 Talcott Parson's General Systems Theory • Pattern of Inter Relationship	4
	6 th	Unit-II • Game • Systems • Modern Institutional • Historical Institutional • Philosophical • Traditions/Approaches	2
	7 th		3
	8 th		2
	9 th		2

Binyan P

Beek - 24/11/23

5hrs	• Integration			
3	Chapter-5 • David Eastons Input-Output model of Political System • Features			
2	Chapter-6 • Functions and Critical Evaluation, • Meaning • Power • significance and measurement			
1				
3	• Difference between Power • Authority, Legitimacy and Influence		2 nd	
1	• Harold Lass well's contribution Unit- III Chapter-7 • Almondon Structural- Functional Analysis		3 rd	
2				
3	• Karl Deutsch's Communication Theory		4 th	
5hrs				
3	Chapter-8 • Richard C Snyder's Decision-Making Theory, • Arthur F. Bentley theory of Politics;		1 st	AUGUST
2	• David Truman Group theory of Politics;		2 nd	
1	Chapter-9 • Political Development-Concept of Political Development			
3	• Variables of political development • Development syndrome		3 rd	
1	• Theory of Lucian Pye		4 th	
5hrs				

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Department of Chemistry

Lesson Plan 2022-2023

Class: 5th SEM B.Sc. P-V-PHYSICAL CHEMISTRY

THEORY

Month	Week	Topics	Hrs
NOV	First week		16hrs
	Second week	Molecular Spectroscopy, emission and absorption spectrum	
	Third Week	Rotation spectroscopy, rotational constant, diatomic and triatomic molecules and their bond lengths	
	Fourth week	Vibrational spectroscopy, Hooke's law, modes of vibration	
	Fifth week	Raman spectroscopy, electronic spectroscopy	
DEC	First week	Nuclear Magnetic Resonance spectroscopy, Electron spin resonance spectroscopy	
	Second week	Photochemistry	4hrs
	Third Week	Qualitative and Quantitative aspects of analysis	3hrs
	Fourth week	Thermal methods of analysis	3hrs
JAN	First week	Electroanalytical methods	5hrs
	Second week	Separation techniques, solvent extraction	
	Third Week	Chromatography	
	Fourth week	Ion Exchange Chromatography	
FEB	First week	Thin layer Chromatography	
	Second Week	Qualitative and Quantitative aspects of chromatographic methods	
	Third Week	GLC, HPLC-instrumentation, principle and applications	9hrs

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Department of Chemistry

Lesson Plan 2022-2023

Class: 5th SEM B.Sc. BIOCHEMISTRY

THEORY

Month	Week	Topics	Hrs
Nov			
	Second week	Introduction to biochemistry	2hrs
	Third Week	Bioenergetics-stages of energy transformation	
	Fourth week	Energy coupling,Catabolism and Anabolism	4hrs
	Fifth week	Classification and significance of Vitamins	
Dec	First week	Biological function and deficiencies of Vitamins	2hrs
	Second week	Introduction and classification of Enzymes	
	Third Week	Enzyme kinetics,enzyme inhibitions,MM equation	3hrs
	Fourth week	Nucleic acids,components and its protein interactions	3hrs
Jan	First week	Central dogma of Molecular Biology	4hrs
	Second week	Classification and significance of Hormones	2hrs
	Third Week	Classsification of Carbohydrates,amino sugars,sugar acids	
	Fourth week	Sugar phosphates,oligosaccharides,polysaccharides	4hrs
Feb	First week	Carbohydrate Metabolism	3hrs
	Second Week	Lipids,triglycerides,phosphoglycerides,cholestrol	4hrs
	Third Week	Amino acids and protein metabolism	5hrs


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Department of Chemistry

Lesson Plan 2022-2023

Class: 3rd SEM B.Sc. (NEP)

THEORY

Month	Week	Topics	Hrs
Nov			8hrs
	Second week	Generation, stability Reaction of Carbocations, carbanions	
	Third Week	Applications of Carbocations, carbanions.	
	Fourth week	Applications of Carbenes, Nitrenes	
	Fifth week	Applications of Arynes and Freeradicals	
Dec	First week	Aldol condensation, Sandmeyer reaction	
	Second week	Newman and Sawhorse projection formula	14hrs
	Third Week	Geometrical isomerism, Optical activity	
	Fourth week	Diastereoisomers, Racemic mixture	
Jan	First week	R/S designations, Resolution	
	Second week	Cis-Trans, E/Z notation	
	Third Week	Resolution, D/L designation	
	Fourth week	Isolation and identification of intermediates	6hrs
Feb	First week	Effect of catalyst, Stereochemical evidence.	
	Second Week	Cross over experiments, isotopic studies.	
	Third Week	Kinetics studies.	

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Lesson Plan 2022-2023

Class: 3rd SEM B.Sc. (NEP)

THEORY

Month	Week	Topics	Hrs
Nov	Second week	Electromagnetic Spectrum, electromagnetic radiation	
	Third Week	Beer-lambert's law and its applications	
	Fourth week	Evaluation procedures, quantitative applications of colorimetry	10hrs
	Fifth week	Nephelometry	4hrs
	Dec	First week	Fundamentals of Chromatography, principle and classification,	3hrs
Second week		Column Chromatography	
Third Week		Paper Chromatography, principle and applications	
Fourth week		Ion exchange Chromatography, principle and applications	4hrs
Jan	First week	Nernst distribution law and derivation factors	
	Second week	Numerical problems related to Chromatography	
	Third Week	Solvent extraction of lanthanides	
	Fourth week	Solvent extraction of iron and copper	7hrs
Feb	First week	Turbidometry	
	Second Week	Numerical problems related to spectroscopy	
	Third Week	Softening of hard water and its industrial applications	4hrs

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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM: APRIL TO JUNE

NO. HRS: 2 HRS THEORY + 3 HRS PRACTICALS/WEEK

CLASS: VI SEM B.SC Paper VII-INORGANIC CHEMISTRY

Theory

Month	Week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none">• Different Types of Fertilizers• Manufacture of Urea, Ammonium Nitrate and Calcium Ammonium Nitrate• Manufacture of Ammonium Phosphates, Polyphosphate and Superphosphate		2
	First week	<ul style="list-style-type: none">• Manufacture of Compound and Mixed Fertilizers• Manufacture of Potassium Chloride and Potassium Sulphate• Glassy State and its Properties, Classification of Glass• Manufacture and Processing of glass• Composition and Properties of the following types of glasses: Soda Lime and Lead Glass• Composition and Properties of the following types of glasses: annealed glass and Safety Glass Borosilicate glass		2
MAY	Second week			2

	Third week	<ul style="list-style-type: none"> Composition and Properties of the following types of glasses: Fluoroborate glass, Coloured Glass and Photosensitive Glass 	2
	Fourth week	<ul style="list-style-type: none"> Conventional heat and heat methods Co-precipitation Method 	2
	First week	<ul style="list-style-type: none"> Sol-Gel Methods Hydrothermal Method 	2
	Second week	<ul style="list-style-type: none"> Ion-Exchange Intercalation Methods 	2
	Third week	<ul style="list-style-type: none"> Large Scale Production, Uses Storage and Hazards in Handling the following gases: Oxygen, Nitrogen and Argon Large Scale Production, Uses Storage and Hazards in Handling the following gases: Neon, Helium and Hydrogen Large Scale Production, Uses Storage and Hazards in Handling the following gases: Acetylene, Carbon Monoxide and Chlorine 	2
	Fourth week	<ul style="list-style-type: none"> Large Scale Production, Uses Storage and Hazards in Handling the following gases: Fluorine, Sulphur Dioxide and Phosgene. Manufacture, Application, Analysis and hazards in handling in the following chemicals: Hydrochloric acid, Nitric acid and Sulphuric Acid 	2
ALTY	First week	<ul style="list-style-type: none"> Manufacture, Application, Analysis and hazards in handling in the following chemicals: Caustic Soda, Common Salt and Borax 	2

		<ul style="list-style-type: none"> • Manufacture, Application, Analysis and hazards in handling in the following chemicals: Bleaching Powder, Sodium Thiosulphate and Hydrogen Peroxide and Potash Alum • Manufacture, Application, Analysis and hazards in handling in the following chemicals: Chrome Alum, Potassium dichromate and Potassium Permanganate 		
	Second week			2

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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM: APRIL TO JULY

NO. HRS: 2 HRS THEORY + 3 HRS PRACTICALS/ WEEK

CLASS: VI SEM B.Sc Paper VI-INORGANIC CHEMISTRY

Theory

Month	week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none">• Important Clays and Feldspar: Ceramic their types and manufacture• High Technology Ceramics and their applications		2
	First week	<ul style="list-style-type: none">• Superconducting and semiconducting oxides• Fullerenes, Carbon Nanotubes and Carbon Fibre		2
	Second week	<ul style="list-style-type: none">• Objectives of Coatings surfaces, Preliminary treatment of surface, Classification of surface coatings• Paints and Pigment-Formulation, Composition and related Properties		2
MAY				

	Third week	<ul style="list-style-type: none"> Oil Paints, Vehicle Modified Oils, Pigments, Toners and Lakes Pigments, fillers and Thinners Emulsions and Emulsifying agents. Special Paints, Dyes, Wax Polishing, Wax Polishing Water and Oil Paints, additives Metallic coatings, metal spraying and anodizing Origin of explosives Properties in organic Compounds. Preparation and explosives properties of lead azide PETN Preparation of Cyclonite (RDX), Introduction to Rocket Propellants 		2
	Fourth week	<ul style="list-style-type: none"> Classification of Alloys, Ferrous and Non Ferrous Alloys, Specific Properties of Elements in alloys, Manufacture of Steel and surface treatment Composition and Properties of different types of steels 		2
	First week	<ul style="list-style-type: none"> Overview of Nanomaterials and Nanostructures, Classification of Nanomaterials; Preparation of Gold and Silver metallic nanoparticles. Self-Assembled Nanostructures—control of nanoarchitecture—one dimensional control 		2
	Second week	<ul style="list-style-type: none"> Carbon Nanotubes and inorganic Nanowires, Bio-inorganic nanomaterials DNA and Nanomaterials, Natural and Artificial nanomaterials, Bionano composites 		2
	Third week	<ul style="list-style-type: none"> Source of Energy : Coal Petrol and Natural Gas Nuclear Fusion, Fission, Solar Energy 		2
	Fourth week			2
JUNE				

JULY	First week	<ul style="list-style-type: none"> • Hydrogen, Geothermal, Tidal and Hydel • Nuclear Pollution: Disposal of Nuclear waste, Nuclear Disaster and its management 		2
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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM: APRIL TO JULY

NO. HRS: 2 HRS THEORY + 3 HRS PRACTICALS/WEEK

CLASS: VI SEMI B.S.C Paper VIII-ORGANIC CHEMISTRY

Theory

Month	Week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none"> • Electromagnetic Spectrum, Advantages of Spectroscopic techniques, Types of Spectroscopic techniques, types of spectroscopic techniques. • Introduction-base principles of UV-Visible Spectroscopy; Types of Electronic transitions with suitable examples • Chromophores and Auxochromes; Blue Shift and Red Shift, Influence of Conjugation on absorption in UV-Visible region. • Comparison of UV Spectra of Acetone and Methyl vinyl ketone, Graphical Representation of spectra of 1,3-Butadiene, benzene and Iycopene. • Advantages of UV-Visible Spectroscopy; Basic Principle of IR Spectroscopy; Conditions for IR active organic Compounds 		2
MAY	First week			2

		<ul style="list-style-type: none"> Vibrational Translations- Stretching and bending modes of vibrations, factors affecting on position of IR absorption peak Types of IR region, Explanation of Stretching Frequencies C-OH, alkyl-C-H, alkynyl C-H, alkynyl C-H, $\text{C}=\text{C}$, $\text{C}-\text{C}=\text{O}$ groups Applications of IR Spectroscopy, Basic Principles of proton magnetic resonance, Nuclear magnetic spin quantum number, Influence of the magnetic field on the spin of nuclei Spin Population, Nuclear Magnetic Resonance, Chemical Shifts on TMS as reference, Nuclear Shielding and Deshielding Effects. 		
	Second week	<ul style="list-style-type: none"> Equivalent and Non Equivalent protons, Effect of Electronegativity of Adjacent atoms on chemical Shift values, Spin-Spin Splitting and Spin-Spin Coupling Graphical Representation of NMR Spectra of Simple Organic Compounds Using Spin-Spin Splitting and Spin-Spin Coupling 		2
	Third week	<ul style="list-style-type: none"> Occurrence, Isoprene Rule, Spectral Isoprene Rule, Isolation of Essential Oils and its Classification Citral: Functionalization of Structure and Synthesis from Methyl Heptenone Zingiberene: Preparation from p-methoxymethylmagnesium bromide Structures of Limonene 		2
	Fourth week	<ul style="list-style-type: none"> Occurrence, Isoprene Rule, Spectral Isoprene Rule, Isolation of Essential Oils and its Classification Citral: Functionalization of Structure and Synthesis from Methyl Heptenone Zingiberene: Preparation from p-methoxymethylmagnesium bromide Structures of Limonene 		2
	First week	<ul style="list-style-type: none"> Structures of Menthol, Terpineol, Camphor, Carotene, Vitamin A and their Uses 		2
JUNE				

		<ul style="list-style-type: none"> Alkaloids: Classification and General Characteristics, Determination of Functional nature of Nitrogen-Hoffmann's Exhaustive Methylation method. Nicotine: Elucidation of Structure and Synthesis from Succinimide Structures and Uses of Ephedrine, Caffeine, Cocaine, Atropine, Quinine and Morphine Heterocyclic Compounds: Introduction and Classification with Examples, Stability-Resonance and Aromaticity, Molecular Orbital Structures, Resonance and Aromaticity of Furan, Pyrrole. Aromaticity of Thiophene and Pyridine based in Huckel's rules, Pyrrole from acetylene, Furan from Furfural Thiophene from Acetylene, Pyridine from Acetylene, Electrophilic Substitution reaction-nitration of pyrrole, Furan and Thiophene, Reaction with Sodamide Fused Heterocyclic Compounds 		
JULY	Third week			2
	Fourth week			2
JULY	First week	<ul style="list-style-type: none"> Indole Preparation by Fischer Synthesis, Nitration of Indole 		2
	Second week			2



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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM:APRIL TO JULY

NO. HRS: 2 HRS THEORY + 3 HRS PRACTICALS/WEEK

CLASS: VI SEM B.S.C Paper VIII-ORGANIC CHEMISTRY

Theory

Month	week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none">Acidity of hydrogen atoms in active methylene CompoundsAcidity of Ex-Diethylmalonate, Ethyl Acetoacetate and Acetyl Acetone		2
	First week	<ul style="list-style-type: none">Diethyl Malonate-Preparation from Acetic Acid, Synthetic Application-Preparation of MonocarboxylicDicarboxylic, Unsaturated Acids, Ketones, Cyclic Compounds-Barbituric Acid		2
MAY	Second week	<ul style="list-style-type: none">Ethyl Acetoacetate-Preparation from ethyl acetate, Synthetic Applications of Ethyl Acetoacetate-Preparation of Monocarboxylic, Dicarboxylic, Unsaturated acids and Ketones.		2

	Third week	<ul style="list-style-type: none"> Optical Isomerism, Optical Activity; Dextro and Laevo rotatory molecules Specific Rotation, Criteria for Optical Activity; Elements of Symmetry; Plane, Centre and alternate Axis of Symmetry-Definition and Examples Molecular Chirality, Enantiomers, Absolute Configuration Or D/L Notations, R/S Notations-Cahn-Ingold-Prelog Sequence rule to be Explained taking suitable examples, Meso Compounds, Diastereomers and Properties 		2
	Fourth week	<ul style="list-style-type: none"> Relative Configuration of three and Erythro Isomers, Racemisation: Definition, Explanation of Resolution of Racemic Mixture of tartaric acid by chemical method and Biochemical method Atropisomerism-Diphenyl System, Geometric Isomerism in Alkenes: Definition, Conditions with Examples 		2
JUNE	First week	<ul style="list-style-type: none"> Determination of configuration of geometric Isomers; Cis and Trans by (i) Physical Methods (ii) Spectroscopic Methods (iii) Chemical Methods-Cyclisation Method Pka values E and Z system of Nomenclature rules with suitable examples 		2
	Second week	<ul style="list-style-type: none"> Classification of Drugs: Analgesics and Antipyretics, Anti-Inflammatory Drugs -Aspirin, Paracetamol, Ibuprofen, Antibiotics, Antibacterial and Antifungal Sulphonamides, Sulphanethozazol, Sulphacetamide 		2
	Third week			2

		<ul style="list-style-type: none"> • Trimethoprim, Antiviral Drugs-Acyclovir, Central Nervous System Agents-Phenobarbital, Diazepam, Cardiovascular-Glyceryltrinitrate, HIV-AIDS drugs • Preparation, Structure, Properties and Application of the following Polymers: Polyolefins, Polystyrene and Styrene Copolymers • Preparation, Structure, Properties and Application of the following Polymers: Polyvinylchloride, polyvinyl acetate, Acrylic Polymers, Fluoro Polymers, Polyamides • Phenol Formaldehyde resins-Bakelite, Novalac, Polyurethanes, Silicone Polymers, Polydienes, Polycarbonates. • Conducting Polymers-Properties, Preparation of Polyacetylene, Polyaniline, Polypyrrole and Polythiophene. 		
JULY	Fourth week			2
	First week	<ul style="list-style-type: none"> • Green Chemistry: Definition of Green Chemistry, Brief Principles of Green Chemistry with examples, Special Emphasis on Atom Economy • Reducing Toxicity, Green Solvents, Green Chemistry and Catalysis • Alternative Sources of Energy- green energy and Sustainability 		2
	Second week			2

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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM APRIL TO AUGUST

NO. HRS: 2 HRS THEORY + 3 HRS PRACTICAL / WEEK

CLASS: IV Sem BSc (CB) NEP DSC-4: INORGANIC AND PHYSICAL CHEMISTRY-II

Theory

Month	week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none"> The ionic bond ; Structures of ionic solids, Radius ratio rules, Calculation of some limiting radius ratio values, Coordination number 3 (planar triangle), Coordination number 4 (tetrahedral and square planar), Coordination number 6 (octahedral), Close packing, Ionic compounds of the type AX (ZnS, NaCl, CsCl) Ionic compounds of the type AX₂ (Calcium fluoride (Thortite) and Rutile structure Layer structures CaI₂ , Cadmium iodide structure 		2
MAY	First week	<ul style="list-style-type: none"> Limitations of radius ratio concept 		2
	Second week	<ul style="list-style-type: none"> Lattice energy and Born-Haber cycle, Derivation of Born-Landé equation and its drawbacks, Kapustinskii equation, solvation energy and solubility of ionic solids, 		2

	<ul style="list-style-type: none"> • polarizing power and polarizability, Fajan's rules with applications. • Numerical problems 		
	<ul style="list-style-type: none"> • Second Law of Thermodynamics • Concept of entropy, thermodynamic scale of temperature. 		
Third week	<ul style="list-style-type: none"> • Statements of the Second Law of Thermodynamics, molecular and statistical interpretation of entropy. • Calculation of entropy change for reversible and irreversible processes, Free Energy Functions; Gibbs and Helmholtz energy, Variation of S, G, A with T, V and P. 		2
Fourth week	<ul style="list-style-type: none"> • Numerical problems, Free energy change and spontaneity, Gibbs-Helmholtz equation. • Third Law of Thermodynamics • Statement of third law, concept of residual entropy, calculation of absolute entropy of molecules. 		2
First week	<ul style="list-style-type: none"> • Adsorption Types of adsorption isotherms, Freundlich adsorption isotherm (only equation), its limitations, Langmuir adsorption isotherm (derivation to be done) and BET equation/derivation not included). 		2
JUNE			
Second week	<ul style="list-style-type: none"> • Catalysis : Types of Catalysis and theories with examples (intermediate compound theory and adsorption theory), Theory of acid base catalysis, Michaelis-Menten mechanism. • Heterogeneous catalysis: surface reactions, unimolecular, 		2

	Third week	<ul style="list-style-type: none"> Bimolecular surface reactions. Autocatalysis with examples. Applications: Design process to removal of toxic compounds from industrial wastewater and treatment of portable water requirements. Chemical Kinetics Differential and integrated form of rate expressions up to second order reactions, Derivation of expression of rate constant of second order reaction ($a=b$ and $a \neq b$), Problems on rate constant ($a=b$), Methods of determination of order of a reaction, temperature dependence of reaction rates; Arrhenius equation, activation energy Numerical problems on Arrhenius equation in calculating energy of activation and rate constants. Collision theory of reaction rates, Lindemann's mechanism, Qualitative treatment of the theory of absolute reaction rates. Experimental determination of kinetics of (i) Inversion of cane sugar by polarimetric method (ii) spectrophotometric method for the reaction between potassium persulphate and potassium iodide. 		2
	Fourth week			2
JULY	First week			2
	Second week			2

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APS COLLEGE OF ARTS AND SCIENCE

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CHEMISTRY DEPARTMENT

LESSON PLAN 2023

FROM: APRIL TO AUGUST

NO. HRS: 2 HRS THEORY – 3 HRS PRACTICAL / WEEK

CLASS: IV Sem BSc (C/B) NEP DSC-4: INORGANIC AND PHYSICAL CHEMISTRY-III

Theory

Month	week	Topics Covered	Signature	Hours
APRIL	Fourth week	<ul style="list-style-type: none">• Covalent bond: Valence bond theory, The Lewis theory, The octet rule, Exceptions to the octet rule, Sidgwick-Powell theory,• Valence shell electron pair repulsion (VSEPR) theory; Effect of lone pairs, electronegativity, isoelectronic principle,		2
MAY	First week	<ul style="list-style-type: none">• VSEPR theory: BF₃ and BF₃.NH₃ and NH₄⁺, H₂O, PCl₅, ClF₃, SF₄, I₃- and I₃⁺, SF₆, and IF₇. Limitations of VSEPR.• Concept of resonance, resonance energy, hybridization, types of hybridization: sp, sp², sp³, d, sp², d, sp³, d², sp³, sp³d² with one example each.		2
	Second week	<ul style="list-style-type: none">• Energetics of hybridization, Bent's rule, Limitations of Valence Bond Theory.		2

		<ul style="list-style-type: none"> • Non-bonding combinations of orbitals, Rules for linear combination of atomic orbitals • Examples of molecular orbital treatment for homonuclear diatomic molecules: H_2 molecule, H^-, He_2 molecule, He^+ molecule ion, Li_2 molecule, Be_2 molecule, B_2 molecule, C_2 molecule, N_2 molecule, N_2^+, O_2 molecule, O_2^- and O_2^-. • M.O. energy diagrams of heteronuclear diatomic molecules with examples (NO, $NO+CO$ and HCl). Calculation of bond order, relationship between bond order, bond energy and bond length, magnetic properties based on MOT. • Metallic Bonding: General properties of metals : Conductivity, Lustre, Malleability and cohesive force, Crystal structures of metals and Bond lengths 	
	Third week	<ul style="list-style-type: none"> • Theories of bonding in metals: Free electron theory, Valence bond theory, Molecular orbital or band theory of solids, Prediction of conducting properties of conductors, insulators and semiconductors, extrinsic and intrinsic semiconductors using A.O. theory. 	2
	Fourth week	<ul style="list-style-type: none"> • First Law of Thermodynamics, Thermodynamic Processes, Reversible and Irreversible Processes, Nature of Heat and Work, Internal Energy. • First Law of Thermodynamics, Enthalpy of a System, Work done in isothermal and adiabatic expansion of an ideal gas, Numerical problems. 	2
JUNE	First week		2

	Second week	<ul style="list-style-type: none"> Joule-Thomson Expansion, Relation between Joule-Thomson coefficient and other thermodynamic parameters. Electrochemistry – I : Arrhenius theory of electrolytic dissociation, Merits and Demerits, Conductance, Specificconductance, equivalent and molar conductivity and their variation with dilution. Molarconductivity at infinite dilution. Numerical problems. 			2
	Third week	<ul style="list-style-type: none"> Kohlrausch's law of independent migration of ions and its applications, Debye-Hückel-Onsager equation. Ionic mobilities and their determinations, transference numbers and theirrelation to ionic mobility's, determination of transference numbers using Hittorf and MovingBoundary methods. 			2
	Fourth week	<ul style="list-style-type: none"> Applications of conductance measurement: (i) degree of dissociation of weak electrolytes (ii)ionic product of water 			2
	First week	<ul style="list-style-type: none"> (iii) solubility and solubility product of sparingly soluble salts (iv)conductometric titrations (acid base titrations only) and (v) Hydrolysis constants of salts. Numerical problems. 			2
JULY	Second week				2

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