



चौधरी चरण सिंह विश्वविद्यालय, मेरठ  
Ch. Charan Singh University, Meerut

पत्रांक : परीक्षा / 8281  
दिनांक : 10.11.2023

सेवा में,

विभागाध्यक्ष / निदेशक / समन्वयक,  
चौधरी चरण सिंह विश्वविद्यालय परिसर,  
मेरठ।

विषय: विश्वविद्यालय परिसर की सत्र 2023-24 PG NEP की सेमेस्टर परीक्षाओं की विषय कोड पुस्तिका के सम्बन्ध में।

महोदय / महोदया,

आपको अवगत कराना है कि विश्वविद्यालय परिसर की सत्र 2023-24 PG-NEP की सेमेस्टर परीक्षाओं की विषय कोड पुस्तिका तैयार की जा चुकी है। उक्त विषय कोड पुस्तिका विश्वविद्यालय वेबसाईट [www.ccsuniversity.ac.in](http://www.ccsuniversity.ac.in) पर इस आशय के साथ उपलब्ध करायी जा रही है, कि सन्दर्भित विषय कोड पुस्तिका में यदि कोई संशोधन पाया जाता है तो शीघ्र परीक्षा विभाग को संशोधन सहित उपलब्ध एवं अवगत कराने का कष्ट करें।

अतः उक्त के सम्बन्ध में आपसे अनुरोध है कि कृपया आप विषय कोड पुस्तिका को उपरोक्त सन्दर्भित वेबसाईट से डाउनलोड कर अपने विभाग में अध्ययनरत समस्त छात्र / छात्राओं को अपने स्तर पर, व्यापक रूप से, अवगत कराया जाना सुनिश्चित करने का कष्ट करें।

संलग्नक :- उपरोक्तानुसार।

भवदीय,  
10/11/23  
सहा० कुलसचिव (परीक्षा)

**Table - Year-wise Structure of UG/PG Programs**

**Blue Colour: No. of papers**

**Red colour: Credits**

**Purple colour: Non-Credit Qualifying Courses**

		Subject I	Subject II	Subject III	Subject IV	Vocational	Co-Curricular	Industrial Training/ Survey / Research Project	{ Minimum Credits } For the year	{Cummulative Minimum Credits} Required for Award of Certificate/ Diploma/ Degree
		Major 4/5/6 Credits	Major 4/5/6 Credits	Major 4/5/6 Credits	Minor Elective 4/5/6 Credits	Minor 3 Credits	Minor 2 Credits	Major 4 Credits		
Year	Sem.	Own Faculty	Own Faculty	Own/ Other Faculty	Other Faculty	Vocational/ Skill Development Course	Co-Curricular Course (Qualifying)	Inter/Intra Faculty related to main Subject		
1	I	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	1 (4/5/6)	1	1		46	{46}  Certificate in Faculty
	II	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)		1	1			
2	III	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	1 (4/5/6)	1	1		46	{92} Diploma in Faculty
	IV	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)	Th-1(6) or Th-1(4)+ Pract-1(2)		1	1			
3	V	Th-2(5) or Th-2(4)+ Pract-1(2)	Th-2(5) or Th-2(4)+ Pract-1(2)				1	1 (Qualifying)	40	{132} Bachelor in Faculty
	VI	Th-2(5) or Th-2(4)+ Pract-1(2)	Th-2(5) or Th-2(4)+ Pract-1(2)				1	1 (Qualifying)		
4	VII	Th-4(5) or Th-4(4)+ Pract-1(4)			1 (4/5/6)			1 (4)	52	{184} Bachelor (Research) in Faculty
	VIII	Th-4(5) or Th-4(4)+ Pract-1(4)						1 (4)		
5	IX	Th-4(5) or Th-4(4)+ Pract-1(4)						1 (4)	48	{232} Master in Faculty
	X	Th-4(5) or Th-4(4)+ Pract-1(4)						1 (4)		
6	XI	2 (6)	1 Research (4) Methodology					1 (Qualifying)	16	{248} PGDR in Subject
6,7,8	XII-XVI							Ph. D. Thesis		Ph.D. in Subject

(1)

<b>INDEX</b>		
<b>C.C.S. University, Meerut</b>	<b>PG NEP Exam Code List – (2023-24)</b>	<b>(COURSE START 2022-23)</b>

Table of Faculty Codes								
Arts	Science	Commerce	Agriculture	Education	Management	Law	Co-curricular	Vocational
A	B	C	D	E	F	G	Z	V

**Tables for Subject codes in Each Faculty**

<b>Faculty: Arts</b>			<b>Faculty Code: A</b>
Sr. No.	Subject/Program	Program	Subject Code
1	Hindi	M.A.	01
2	Sanskrit	M.A.	02
3	Urdu	M.A.	03
4	English	M.A.	04
5	History / Ancient History	M.A.	05/ 05A
6	Political Science	M.A.	06
7	Sociology	M.A.	07
8	Economics	M.A.	08
9	Psychology	M.A.	09
10	Philosophy (Apply for Session 2024-25)	M.A.	10
11	Geography	M.A.	11
12	Defense and Strategic Studies	M.A.	12
13	Home science	M. Sc.	13
14	Social Work	M.A.	16
15	Drawing and Painting or Visual Arts or Arts	M.A.	21
16	Public Administration	M.A.	27

(2)

<b>Faculty: Science</b>			<b>Faculty Code: B</b>
<b>Sr. No.</b>	<b>Subject/Program</b>	<b>Program</b>	<b>Subject Code</b>
1	Physics	M. Sc.	01
2	Chemistry	M. Sc.	02
3	Mathematics	M. Sc.	03
4	Botany	M. Sc.	04
5	Zoology	M. Sc.	05
6	Statistics	M. Sc.	06
7	Microbiology	M. Sc.	08
8	Toxicology	M. Sc.	30

<b>Faculty: Commerce</b>			<b>Faculty Code: C</b>
<b>Sr. No.</b>	<b>Subject/Program</b>	<b>Program</b>	<b>Subject Code</b>
1	Commerce	M. Com.	01

<b>Sr. No.</b>	<b>Subject/Program</b>	<b>Program</b>	<b>Subject Code</b>
1	MINOR ELECTIVE	M.A.+M. Sc. +M. Com.	01

## SALIENT POINTS FOR M.A. STUDENTS

C.C.S. University, Meerut		M.A. – I & II (Exam. Code 'A')		NEP Code List 2021- 22(Start 2022-2023)		
Ist Year (Certificate)		IInd Year (Diploma)				
Name of Paper		Code	Name of Paper		Code	
<b>A1. HINDI</b>						
<u>VII Semester</u> I(Th) Hindi Sahitya ka Itihas II(Th) Prachin Evam Poorv Madhyakaleen Kavya III(Th) Shod Pravidhi aur Prakriya IV(Th) Paryoanmulak Hindi I(PR) Practical: Laghu Shod Parbhandh/ Project karya II(PR) Project:			A010701T A010702T A010703T A010704T A010705P A010706R	<u>IX Semester</u> I(Th) Adhunik Kavya (Chhayvad Paryant) II(Th) Bhartiya Kavyashastra Evam Pashchatya Kavyashastra III(Th)a: Kabirdas Or III(Th)b: Surdas Or III(Th)c: Goswami Tulsidas Or III(Th)d: Jaishankar Prasad Or III(Th)e: Premchand Or III(Th)f: Sacchinand Hiranand Vatsyayan 'Ageya' ELECTIVE: ANY ONE OF A010903T, A010904T, A010905T, A010906T, A010907T, A010908T IV(Th) Patrakarita Parshikshan I(PR) Practical: Laghu Shod Parbhandh/ Project karya II(PR) Project:		A010901T A010902T A010903T A010904T A010905T A010906T A010907T A010908T  A010909T A010910P A010911R
<u>VIII Semester</u> I(Th) Uttar Madyakaleen Kavya II(Th) Katha-Sahitya III(Th) Kathetar Gadh Sahitya IV(Th) Bhasha Vigyan Evam Hindi Bhasha I(PR) Practical: Laghu Shod Parbhandh/ Project karya II(PR) Project:			A010801T A010802T A010803T A010804T A010805P A010806R	<u>X Semester</u> I(Th) Chhayavadotar Kavya II(Th) Natak Aur Rungmunch III(Th)a: Bhartiya Sahitya Or III(Th)b: Korvi Lok Sahitya Or III(Th)c: Parvasi Hindi Sahitya Or III(Th)d: (Pracheen Bhasha-Sahitya) Sanskrit Or III(Th)e: (Pracheen Bhasha-Sahitya) Prakrut-apbhransh ELECTIVE: ANY ONE OF A011003T, A011004T, A011005T, A011006T, A011007T IV(Th) Hindi Aalochana I(PR) Practical: Laghu Shod Parbhandh/ Project karya II(PR) Project:		A011001T A011002T A011003T A011004T A011005T A011006T A011007T  A011008T A011009P A011010R

## A2. SANSKRIT

VII Semester		IX Semester	
I(Th) Ved, Upnishad Evam Nirukt II(Th) Gadh Kavya, Giti kavya Evam Champu Kavya III(Th) Bhartiya darshan (Nyay-Vashashik Evam Shankhya) IV(Th) Shodh Pravidhi <b>I(PR) Project: Pariyojanatmak Karya/Sarveshan/Aadharbhoot saamagri sangrahan/Pustak samisha</b>	A020701T A020702T A020703T A020704T A020705R	I(Th) Bhartiya Darsan (Vedant Mimansa evam Yog) II(Th) Vyakaran Evam Bhasha Vigyan III(Th) Dhvani Evam Kavya Shastriya Shat Parshthan <b>IV(Th)a: Vedic Shatiya ka Vishisth Adhyaan Or</b> <b>IV(Th)b: Vyakaran Evam Bhasha Vigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)c: Pracheen Evam Avarcheen Sanskrit Sahitya ka Vishisth Adhyaan Or</b> <b>IV(Th)d: Darshanshastra ka Vishisth Adhyaan Or</b> <b>IV(Th)e: Kavyashastra ka Vishisth Adhyaan Or</b> <b>IV(Th)f: Bhartiya Jyotirvigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)g: Bhartiya Vastushastra ka Vishisth Adhyaan Or</b> <b>IV(Th)h: Porohitya Karmkand ka Vishisth Adhyaan Or</b> <b>ELECTIVE (Part One): ANY ONE OF A020904T, A020905T, A020906T, A020907T, A020908T, A020909T, A020910T, A020911T</b> <b>I(PR) Project: Pariyojanatmak Karya/Sarveshan/Aadharbhoot saamagri sangrahan/Pustak samisha</b>	A020901T A020902T A020903T A020904T A020905T
<p style="text-align: center;"><b>VIII Semester</b></p> I(Th) Sanskrit Mahakavya II(Th) Sanskrit Kavyashastra III(Th) Vyakaran, Anuwad Evam Nibandh <b>IV(Th)a: Adunik Sanskrit Sahitya Or</b> <b>IV(Th)b: Yog Evam Prakritik Chikitsa Or</b> <b>IV(Th)c: Aurved Evam Swasthya Vigyan Or</b> <b>IV(Th)d: Bhartiya Vastu Shastra Or</b> <b>IV(Th)e: Porohitya Karmkand Or</b> <b>IV(Th)f: Bhartiya Jyotirvigyan Or</b> <b>ELECTIVE: ANY ONE OF A020804T, A020805T, A020806T, A020807T, A020808T, A020809T</b> <b>I(PR) Project: Bridh Shodh Pariyojna</b>	A020801T A020802T A020803T A020804T A020805T A020806T A020807T A020808T A020809T  A020810R	<p style="text-align: center;"><b>X Semester</b></p> I(Th) Roopak Evam Natya Shastra II(Th) Dharm Shastra Arthshastra Evam Aasharkavya III(Th) Brahmin Partishastra Evam Nirukt <b>IV(Th)a: Vedic Shatiya ka Vishisth Adhyaan Or</b> <b>IV(Th)b: Vyakaran Evam Bhasha Vigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)c: Pracheen Evam Avarcheen Sanskrit Sahitya ka Vishisth Adhyaan Or</b> <b>IV(Th)d: Darshanshastra ka Vishisth Adhyaan Or</b> <b>IV(Th)e: Kavyashastra ka Vishisth Adhyaan Or</b> <b>IV(Th)f: Bhartiya Jyotirvigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)g: Vhartiya Vastushastra ka Vishisth Adhyaan Or</b> <b>IV(Th)h: Porohitya Karmkand ka Vishisth Adhyaan Or</b> <b>ELECTIVE (Part Two): ANY ONE OF A021004T, A021005T, A021006T, A021007T, A021008T, A021009T, A021010T, A021011T</b> <b>I(PR) Project: Bridh Shodh Pariyojna</b>	A020906T A020907T A020908T A020909T A020910T A020911T  A020912R
		I(Th) Roopak Evam Natya Shastra II(Th) Dharm Shastra Arthshastra Evam Aasharkavya III(Th) Brahmin Partishastra Evam Nirukt <b>IV(Th)a: Vedic Shatiya ka Vishisth Adhyaan Or</b> <b>IV(Th)b: Vyakaran Evam Bhasha Vigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)c: Pracheen Evam Avarcheen Sanskrit Sahitya ka Vishisth Adhyaan Or</b> <b>IV(Th)d: Darshanshastra ka Vishisth Adhyaan Or</b> <b>IV(Th)e: Kavyashastra ka Vishisth Adhyaan Or</b> <b>IV(Th)f: Bhartiya Jyotirvigyan ka Vishisth Adhyaan Or</b> <b>IV(Th)g: Vhartiya Vastushastra ka Vishisth Adhyaan Or</b> <b>IV(Th)h: Porohitya Karmkand ka Vishisth Adhyaan Or</b> <b>ELECTIVE (Part Two): ANY ONE OF A021004T, A021005T, A021006T, A021007T, A021008T, A021009T, A021010T, A021011T</b> <b>I(PR) Project: Bridh Shodh Pariyojna</b>	A021001T A021002T A021003T A021004T A021005T A021006T A021007T A021008T A021009T A021010T A021011T  A021012R

(5)

## A3. URDU

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Origin and Development of Urdu Language II(Th) Literary Tradition of Urdu III(Th) Research & Criticism <b>IV(Th)a: Information Technology Or</b> <b>IV(Th)b: Urdu Drama</b> <b>ELECTIVE: ANY ONE OF A030704T,A030705T</b> <b>I(PR) Project: Dessertation</b>	A030701T A030702T A030703T A030704T A030705T  A030706R	I(Th) Urdu Nazam II(Th) Mass Media <b>III(Th) A: Sir Syed ahmad Khan Or</b> <b>III(Th) B: Prem Chand Or</b> <b>III(Th) C: Maulana Abul Kalam Azad</b> <b>ELECTIVE: ANY ONE OF A030903T, A030904T, A030905T</b> <b>IV(Th) A: Meer taqi Meer Or</b> <b>IV(Th) B: Ghalib Or</b> <b>IV(Th) C: Iqbal Or</b> <b>ELECTIVE: ANY ONE OF A030906T, A030907T, A030908T</b> <b>I(PR) Project:</b>	A030901T A030902T A030903T A030904T A030905T  A030906T A030907T A030908T  A030909R
<b><u>VIII Semester</u></b>  I(Th) Urdu Ghazal II(Th) Urdu Fiction III(Th) Non-Fictional Prose IV(Th) Folk Literature <b>I(PR) Project:</b>	A030801T A030802T A030803T A030804T A030805R	<b><u>X Semester</u></b> I(Th) Composite Tradions of Urdu & Hindi Literature II(Th) Modern Literature <b>III(Th) A: script Writing and Translation Or</b> <b>III(Th) B: Essay and Translation</b> <b>ELECTIVE: ANY ONE OF A031003T, A031004T</b> IV(Th) Classical Literature <b>I(PR) Project:</b>	A031001T A031002T A031003T A031004T  A031005T A031006R

(6)

## A4. ENGLISH

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Chaucer to Milton II(Th) Restoration to 1978 III(Th) Research Methodology IV(Th) Fundamentals of Literary Criticism I(PR) Project:	A040701T A040702T A040703T A040704T A040705R	I(Th) Victorian Fiction and Prose II(Th) Twentieth Century British Poetry III(Th) Twentieth Century British Fiction and Prose <b>IV(Th)a: Campus Fiction Or</b> <b>IV(Th)b: Translation Studies</b> <b>ELECTIVE: ANY ONE OF A040904T, A040905T</b> I(PR) Project:	A040901T A040902T A040903T A040904T A040905T  A040906R
<p style="text-align: center;"><u>VIII Semester</u></p> I(Th) Romantic Literature II(Th) Victorian Poetry III(Th) Research Methodology & Dissertation <b>IV(Th)a: American Literature Or</b> <b>IV(Th)b: Australian Literature</b> <b>ELECTIVE: ANY ONE OF A040804T, A040805T</b> I(PR) Project:	A040801T A040802T A040803T A040804T A040805T  A040806R	<p style="text-align: center;"><u>X Semester</u></p> I(Th) Indian Literature in English (Poetry and Drama) II(Th) Indian Literature in English (Fiction and Prose) <b>III(Th)a: New Literatures in English Or</b> <b>III(Th)b: Campus Fiction Or</b> <b>III(Th)c: Women Studies Or</b> <b>III(Th)d: Partition and Diaphorc Literature</b> <b>ELECTIVE: ANY ONE OF A041003T, A041004T, A041005T, A041006T</b> <b>IV(Th)a: Modern Literary Theories Or</b> <b>IV(Th)b: Literary Theories (Application) Or</b> <b>IV(Th)c: Literature and Theatre</b> <b>ELECTIVE: ANY ONE OF A041007T, A041008T, A041009T</b> I(PR) Project:	A041001T A041002T A041003T A041004T A041005T A041006T  A041007T A041008T A041009T  A041010R



(7)

**A5. HISTORY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Historiography: Concepts, Methods, Approaches and Tools II(Th) Research Methodology III(Th) History of Modern Europe (1789-1919) <b>IV(Th) Historical Tourism in India Or</b> <b>V(Th) Legendary and Religious sites of Uttar Pradesh Or</b> <b>VI(Th) Socio-Economic and Cultural History of Ancient India (From Earliest Times to 1200 A.D.)</b> <b>ELECTIVE: ANY ONE OF A050704T, A050705T, A050706T</b> <b>I(PR) Project:</b>	A050701T A050702T A050703T A050704T A050705T A050706T  A050707R	<b>I(Th)a: History of South India (From Sangam Age to Vijay Nagr Empire) Or</b> <b>I(Th)b: Bhakti Movement in India</b> <b>ELECTIVE: ANY ONE OF A050901T, A050902T</b> II(Th) History of Medieval India (1206-1526 A.D.) III(Th) History of Medieval India (1526-1707 A.D.) <b>I(PR) Project:</b>	A050901T  A050902T  A050903T A050904T A050905R
<u>VII Semester</u>		<u>X Semester</u>	
<b>I(Th)a: History of Ancient India (From Earliest Times to Post Harappan Settlement) or</b> <b>I(Th)b: Ancient Indian Epigraphy and Numismatics</b> <b>ELECTIVE: ANY ONE OF A050801T, A050802T</b> II(Th) History of Ancient India (From Vedic Age to Mauryan Empire) III(Th) History of Ancient India (From Shunga Dynasty to Rajput Era) <b>I(PR) Project:</b>	A050801T  A050802T  A050803T A050804T A050805R	II(Th) History of Modern India (1707-1885 A.D.) Or II(Th) Economic History of British India (1757-1950 A.D.) <b>ELECTIVE: ANY ONE OF A051001T, A051002T</b> III(Th) History of Modern India (1885-1950 A.D.) Or IV(Th) Heritage and Tourism <b>ELECTIVE: ANY ONE OF A051003T, A051004T</b> V(Th) Socio-Cultural History of Modern India (1757-1947) Or VI(Th) Women through Ages <b>ELECTIVE: ANY ONE OF A051005T, A051006T</b> VII(Th) History of Modern India (1920-1960 A.D.) Or VII(Th) Important Personalities of India <b>ELECTIVE: ANY ONE OF A051006T, A051007T</b> <b>I(PR) Project:</b>	A051001T A051002T  A051003T A051004T  A051005T A051006T  A051007T A051008T  A051009R

**A5A.ANCIENT HISTORY, CULTURE AND ARCHAEOLOGY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) History and Culture of Ancient India (Upto 600 B.C.) II(Th) History of Ancient India and the Greco-Roman World (C.600 B.C.-78 A.D.) III(Th) History of Archaeology of Ancient India (78 A.D.-650 A.D.) <b>I(PR) Project:</b>	A05A0701T A05A0702T  A05A0703T A05A0704R	I(Th) History of Ancient Indian Numismatics II(Th) History of Ancient Indian Art and Architecture III(Th) Ancient Indian Art and Architecture <b>I(PR) Project:</b>	A05A0901T A05A0902T A05A0903T A05A0904R
<u>VII Semester</u>		<u>X Semester</u>	
I(Th) History of Ancient India and Cultural Contacts with South-East Asia (650 A.D.-1200 A.D.) II(Th) Archaeological Theories and Methods III(Th) Elements of epigraphical Studies <b>I(PR) Project:</b>	A05A0801T  A05A0802T A05A0803T A05A0804R	I(Th) Socio-Economic and Cultural History of Ancient India (Till 1200 A.D.) II(Th) Ancient Indian Epigraphy and Numismatics III(Th) History of South India (From Sangam Age to Vijay Nagar Empire) <b>I(PR) Project:</b>	A05A1001T  A05A1002T A05A1003T  A05A1004R

## A6. POLITICAL SCIENCE

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Traditions of Political Thinking II(Th) Comparative Politics III(Th) Indian Political System IV(Th) International Relations I(PR) Practical: II(PR) Project: Dissertation and Viva-Voce	A060701T A060702T A060703T A060704T A060705P A060706R	I(Th) Western Political Thought II(Th) Indian Administration <b>III(Th)a: Modern Indian Political Thought Or            III(Th)b: Modern Western Political Thought</b> <b>ELECTIVE: ANY ONE OF A060903T, A060904T</b> <b>IV(Th)a: Indian Tradition of Political Thinking            IV(Th)b: Indian Public Governance</b> <b>ELECTIVE: ANY ONE OF A060905T, A060906T</b> I(PR) Practical: II(PR) Project: Dissertation and Viva-Voce	A060901T A060902T A060903T A060904T  A060905T A060906T  A060907P A060908R
<u>VIII Semester</u>			
I(Th) Administrative Theory II(Th) Ancient Indian Political Thought III(Th) Contemporary Political Theory <b>IV(Th)a: Research Methodology Or            IV(Th)b: Indian Political Economy</b> <b>ELECTIVE: ANY ONE OF A060804T, A060805T</b> I(PR) Practical: II(PR) Project: Dissertation and Viva-Voce	A060801T A060802T A060803T A060804T A060805T  A060806P A060807R	<u>X Semester</u> I(Th) State Politics in India <b>II(Th)a: Foundations of Indian Political Theory Or            II(Th)b: Political Sociology</b> <b>ELECTIVE: ANY ONE OF A061002T, A061003T</b> <b>III(Th)a: Political Leadership in India Or            III(Th)b: Contemporary Political Issues</b> <b>ELECTIVE: ANY ONE OF A061004T, A061005T</b> <b>IV(Th)a: Indian Democracy            IV(Th)b: Local Governance in India</b> <b>ELECTIVE: ANY ONE OF A061006T, A061007T</b> I(PR) Practical: II(PR) Project: Dissertation and Viva-Voce	 A061001T A061002T A061003T  A061004T A061005T  A061006T A061007T  A061008P A061009R

## A7. SOCIOLOGY

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Sociological Concepts II(Th) Classical Sociological Theories III(Th) Methodology of Social Research <b>IV(Th) Rural Sociology Or</b> <b>V(Th) Community Development and Participatory Management</b> <b>ELECTIVE: ANY ONE OF A070704T, A070705T</b> <b>I(PR) Project: Field Work Practium (community out reach programme and dissertation)</b>	A070701T A070702T A070703T A070704T A070705T  A070707R	I(Th) Modern Sociological Theories II(Th) Explanation in Social Science III(Th) Environment and Society <b>IV(Th)a: Medical Sociology Or</b> <b>IV(Th)b: Rural Industries and Entrepreneurship Or</b> <b>IV(Th)c: Social Change in Globalized India</b> <b>ELECTIVE: ANY ONE OF A070904T, A070905T, A070906T</b> <b>I(PR) Project: Field Work Practium (community out reach programme and dissertation)</b>	A070901T A070902T A070903T A070904T A070905T A070906T  A070907R
<p style="text-align: center;"><u>VIII Semester</u></p> I(Th) Neo-Classical Theories II(Th) Basic Statistics and Computer Applications in Social Research III(Th) Social change, Concepts & Theories <b>IV(Th) Rural Studies Or</b> <b>V(Th) Potential of Human Resource Development</b> <b>ELECTIVE: ANY ONE OF A070804T, A070805T</b> <b>I(PR) Project: Field Work Practium (community out reach programme and dissertation)</b>	A070801T A070802T A070803T A070804T A070805T  A070807R	<p style="text-align: center;"><u>X Semester</u></p> I(Th) Political Sociology II(Th) Perspectives on Indian Society III(Th) Sociology of Marginalized Groups <b>IV(Th) Classfications in Sociology Or</b> <b>IV(Th) Sociology of Social Movement Or</b> <b>IV(Th) Social Stratification Or</b> <b>IV(Th) Sociological Aspects of Disasters and Disaster Planning</b> <b>ELECTIVE: ANY ONE OF A071007T, A071004T, A071005T, A071006T</b> <b>I(PR) Project: Field Work Practium (community out reach programme and dissertation)</b>	A071001T A071002T A071003T A071004T A071005T A071006T A071007T  A071008R

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## A8. ECONOMICS

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Micro Economics II(Th) Macro Economics III(Th) Indian Economy <b>IV(Th)a: Mathematical Economics Or</b> <b>IV(Th)b: Labour Economics Or</b> <b>IV(Th)c: History of Economic Thought</b> <b>ELECTIVE: ANY ONE OF A080704T, A080705T, A080706T</b> <b>I(PR) Project: Industrial Visit</b>	A080701T A080702T A080703T A080704T A080705T A080706T  A080708R	I(Th) Public Finance II(Th) Research Methodology <b>III(Th)a: Economics of Infrastructure</b> <b>III(Th)b: Econometrics</b> <b>III(Th)c: Agricultural Economics</b> <b>ELECTIVE: ANY ONE OF A080903T, A080904T, A080905T</b> <b>IV(Th)a: Rural Development</b> <b>IV(Th)b: Demography</b> <b>IV(Th)c: Industrial Economics</b> <b>ELECTIVE: ANY ONE OF A080906T, A080907T, A080908T</b> <b>I(PR) Project: Field Survey</b>	A080901T A080902T A080903T A080904T A080905T  A080906T A080907T A080908T  A080909R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Advance Economic Theory II(Th) Statistical Methods for Economic Analysis III(Th) Development Economics <b>IV(Th)a: Computer Application in Economics Or</b> <b>IV(Th)b: Indian Economic Thoughts Or</b> <b>IV(Th)c: Economy of Uttar Pradesh</b> <b>ELECTIVE: ANY ONE OF A080804T, A080805T, A080806T</b> <b>I(PR) Project: Summer Internship (Minimum Two Weeks)</b>	A080801T A080802T A080803T A080804P A080805T A080806T  A080808R	I(Th) International Economics <b>II(Th)a: Indian Public Finance</b> <b>II(Th)b: Institutional Economics</b> <b>II(Th)c: Public Policy</b> <b>ELECTIVE: ANY ONE OF A081002T, A081003T, A081004T</b> <b>III(Th)a: Economics of Education</b> <b>III(Th)b: Applied Econometrics</b> <b>III(Th)c: Economics of Health</b> <b>ELECTIVE: ANY ONE OF A081005T, A081006T, A081007T</b> <b>IV(Th)a: Environmental Economics</b> <b>IV(Th)b: Gender Economics</b> <b>IV(Th)c: Economics of Insurance</b> <b>ELECTIVE: ANY ONE OF A081008T, A081009T, A081010T</b> <b>I(PR) Practical:</b> <b>II(PR) Project: Research Project</b>	A081001T A081002T A081003T A081004T  A081005T A081006T A081007T  A081008T A081009T A081010T  A081011P A081012R

## A9. PSYCHOLOGY

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Psychology as a Science II(Th) Learning, Motivation and Emotion III(Th) Psychology of Individual Differences IV(Th) Biopsychology <b>I(PR) Practical:</b> <b>II(PR) Project: Research/ Internship Proposal</b>	A090701T A090702T A090703T A090704T A090705P A090706R	I(Th) Advance Quantitive Methods II(Th) Higher Cognitive Processes <b>III(Th) Psychopathology Or</b> <b>IV(Th) Clinical Psychology Or</b> <b>V(Th) Neuropsychology Or</b> <b>VI(Th) Educational Psychology Or</b> <b>VII(Th) Human Development till Adulthood Or</b> <b>VIII(Th) Organizational Psychology Or</b> <b>IX(Th) Managing Behaviour in Organizations Or</b> <b>X(Th) Human Resource Development and Consulting Or</b> <b>XI(Th) Counselling Psychology Or</b> <b>XII(Th) Health psychology</b> <b>ELECTIVE: Any Two optional</b> <b>I(PR) Practical:</b> <b>II(PR) Project: Research Proposal</b>	A090901T A090902T A090903T A090904T A090905T A090906T A090907T A090908T A090909T A090910T A090911T A090912T  A090913P A090914R
<u>VIII Semester</u>			
I(Th) Systems of Psychology II(Th) Social Psychology III(Th) Congnitive Psychology IV(Th) Inferential Statistics <b>I(PR) Practical:</b> <b>II(PR) Project: Research Project</b>	A090801T A090802T A090803T A090804T A090805P A090806R		

**A10. PHILOSOPHY**

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## A11. GEOGRAPHY

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Geomorphology II(Th) Geography of India III(Th) Ecology and Environment IV(Th) Statistical Methods in Geography	A110701T A110702T A110703T A110704T	I(Th) Geographical Thoughts II(Th) Interdisciplinary Research Methods and Techniques in Geography	A110901T A110902T
I(PR) Practical: Statistical Techniques and Cartography or Computer Aided Statistical Diagrams and Graphs II(PR) Project: Dissertation	A110705P A110707P  A110706R	III(Th) Population Geography IV(Th)a: Gender Geography Or IV(Th)b: Agricultural Geography Or IV(Th)c: Social Geography Or IV(Th)d: Techniques and Methods of Regional Analysis Or IV(Th)e: Cultural Geography Or IV(Th)f: Multi-Variety Statically Analysis Or IV(Th)g: Remote Sensing G.I.S.&G.P.S. Or ELECTIVE: ANY ONE OF A110904T, A110905T, A110906T, A110907T, A110908T, A110909T, A110910T	A110903T A110904T A110905T A110906T A110907T A110908T A110909T A110910T
<u>VIII Semester</u>		I(PR) Practical: Remote Sensing & G.I.S or Advance Surveying	A110911P A110912P A110913R
I(Th) Climatology and Oceanography II(Th) Laws, Models & Theories in Geography III(Th) Regional Planning and Development IV(Th)a: Geography of World Economies Or IV(Th)b: Geography of Water Resource Or IV(Th)c: Resource Geogrphy Or IV(Th)d: Advance Geography of Uttar Pradesh Or IV(Th)e" Political Geography Or ELECTIVE: ANY ONE OF A110804T, A110805T, A110806T, A110807T, A110808T	A110801T A110802T A110803T A110804T A110805T A110806T A110807T A110808T	II(PR) Project: Dissertation	
I(PR) Practical: Advance Cartography (Traditional/Computer) II(PR) Project: Dissertation	A110809P A110810R	<u>X Semester</u>	
		I(Th) Urban Geography II(Th) Recent Issues in Geography III(Th) Rural Geography Or IV(Th) Media Geography Or V(Th) Historical Geography Or VI(Th) Geography of Tourism Or VII(Th) Heritage Conservation Or VIII(Th) Geography of Health Or IX(Th) Geography of Cryosphere Or ELECTIVE: ANY TWO OF A111003T, A111004T, A111005T, A111006T, A111007T, A111008T, A111009T I(PR) Practical: Arial Photographs and their Interpretations	A111001T A111002T A111003T A111004T A111005T A111006T A111007T A111008T A111009T
		II(PR) Project: Dissertation	A111010P A111011R

**A12. DEFENCE & STRATEGIC STUDIES**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Strategic Thought-1 II(Th) War and International Relations-1 III(Th) Economic Aspects of War-1 IV(Th) Insurgency and Counter Insurgency  <b>I(PR) Practical: Research Methodology-1</b> <b>II(PR) Project: Research Project</b>	A120701T A120702T A120703T A120704T  A120705P A120706R	I(Th) National Security-1 II(Th) International Law III(Th) Disarmament and Arms Control-1 <b>IV(Th)a: Indian Military History-1 Or</b> <b>IV(Th)b: Disaster Management-1</b> <b>ELECTIVE: ANY ONE OF A120904T, A120905T</b> <b>I(PR) Practical: . 10 minute talk on national and international affair</b> <b>. Group discussion on current affairs</b> <b>. Sketching and spotting on world map</b>	A120901T A120902T A120903T A120904T A120905T  A120906P  A120907R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Strategic Thought-2 II(Th) War and International Relations since 1945-2 III(Th) Economics Aspects of War-2 <b>IV(Th)a: Indian Ocean Or</b> <b>IV(Th)b: Theories of War and Peace</b> <b>ELECTIVE: ANY ONE OF A120804T, A120805T</b> <b>I(PR) Practical: Research Methodology-2</b> <b>II(PR) Project:</b>	A120801T A120802T A120803T A120804T A120805T  A120806P A120807R	I(Th) Indian National Security-2 II(Th) International Law-Laws of War III(Th) Disarmament and Arms Control-2 <b>IV(Th) Indian Military History-2 Or</b> <b>IV(Th) Disaster Management-2</b> <b>ELECTIVE: ANY ONE OF A121004T, A121005T</b> <b>I(PR) Practical: .Seminar on Current affairs</b> <b>. Tour and tour reports on sites of strategic importance</b> <b>. Viva-voce based on tour report</b>	A121001T A121002T A121003T A121004T A121005T  A121006P  A121007R
		<b>II(PR) Project:</b>	A121007R



**A13. HOME SCIENCE**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Basics of Computer Science	A130701T	I(Th) Therapeullc Nutrition	A130901T
II(Th) Communication Skills	A130702T	II(Th) Extension,Management and Community Development	A130902T
III(Th) Research Methods	A130703T	III(Th) Apparel Design and Construction	A130903T
IV(Th) Advanced Food Science	A130704T	IV(Th) Family Housing and Interior Decoration	A130904T
<b>I(PR) Practical: Food Science</b>	A130705P	<b>I(PR) Practical: Tehrapeutic Diets</b>	A130905P
<b>II(PR) Project: Research Project</b>	A130706R	<b>II(PR) Project: Research Project</b>	A130906R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Human Development	A130801T	I(Th) Women Entrepreneurship Management	A131001T
II(Th) Fabric Construction	A130802T	II(Th) Traditional Embroidries of India,Dyeing and Printing	A131002T
III(Th) Resource Management and Consumer Sciences	A130803T	III(Th) Family Dynamics	A131003T
IV(Th) Guidence & Counseling	A130804T	IV(Th)	A131004T
<b>I(PR) Practical: Fabric Construction</b>	A130805P	<b>I(PR) Practical: Traditional Embroiderics Dyeing and Printing</b>	A131005P
<b>II(PR) Project: Project Report/Dissertation</b>	A130806R	<b>II(PR) Project: Project Report/Dissertation</b>	A131006R

**A16. SOCIAL WORK**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) History & Philosophy of Social Work II(Th) Dynamics of Human Growth and Social Psychology II(Th) Social Case Work (Working with Individuals) IV(Th) Social Group Work (Working with Groups) <b>I(PR) Project: Field Work Practicum(Placement in Rural/Urban Community,NGOs)</b>	A160701T A160702T A160703T A160704T A160706R	I(Th) Rural Urban Community Development II(Th) Research Methods,Statistics and Computer Application II(Th) Environment,Sustainable Development and Social Work IV(Th) Mental Health Care & Services,Medical & Psychiatric Social Work <b>I(PR) Project: Field Work Practicum(Research Dissertation)</b>	A160901T A160902T A160903T A160904T A160905R
<u>VII Semester</u>		<u>X Semester</u>	
I(Th) Social Policy,Planning & Development II(Th) Community Organization & Community Work II(Th) Social Welfare Administration and Social Justice IV(Th) Social Legislation,Social Movements and Social action <b>I(PR) Project:Field Work Practium(Placement in Rural/Urban Community,NGOs)</b>	A160801T A160802T A160803T A160804T A160806R	I(Th) Counseling,Theory and Practice II(Th) Human Resources Management & Organizational Behaviour II(Th) Labour Welfare,Industrial Relations & Labour Laws IV(Th) Gender & Development and Population Studies <b>I(PR) Project: Block Field Work Placement</b>	A161001T A161002T A161003T A161004T A161005R

**A21. VISUAL ART(DRAWING & PAINTING)**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) History of Indian Art	A210701T	I(Th) Study of European Painting	A210901T
II(Th) History of Western Art	A210702T	II(Th) Study of Folk and Tribal Art	A210902T
<b>I(PR) Practical: Painting from Live Study</b>	A210703P	<b>I(PR) Practical: Portrait Study</b>	A210903P
<b>II(PR) Practical: Indian Miniature Painting</b>	A210704P	<b>II(PR) Practical: Creative Composition (Realistic)</b>	A210904P
<b>III(PR) Practical: Introduction of Digital Art</b>	A210705P	<b>III(PR) Practical: Basic of Animation (Stop Motion)/Screen painting/Batik and Tie-dye/Mural Design/Art restorations Technique</b>	A210905P
<b>IV(PR) Project:</b>	A210706R	<b>IV(PR) Project:</b>	A210906R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Philosophy of Indian Art	A210801T	I(Th) India Modern Art & Indian Contemporary Art	A211001T
II(Th) Philosophy of Western Art	A210802T	<b>I(PR) Practical: Landscape (Creative/Onsite)</b>	A211002P
<b>I(PR) Practical: Study of Old Masters Painting(Indian)</b>	A210803P	<b>II(PR) Practical: Creative Composition (Abstract)</b>	A211003P
<b>II(PR) Practical: Composition and Instant Sketching</b>	A210804P	<b>III(PR) Practical: Reaserch Methodology</b>	A211004P
<b>III(PR) Practical: Computer Applications for Digital paintings/Print making/Photography/Sculpture/Fashion &amp; Styling/Interior Design(Final Best Work Display)</b>	A210805P	<b>IV(PR) Project: Dissertation + Viva Voce(Final Best work Display)</b>	A211005R
<b>IV(PR) Project:</b>	A210806R		

## A27. Public Administration

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Foundations of administrative System II(Th) Introduction to Public Administration III(Th) Administrative Theory IV(Th) Indian Administration <b>I(PR) Practical:</b> <b>IV(PR) Project: Dissertation and Viva-Voce</b>	A270701T A270702T A270703T A270704T A270705P A270706R	I(Th) Western Administrative Thinkers II(Th) Ancient Indian Administration <b>III(Th)a: Financial Administration</b> <b>III(Th)b: Personnel Administration</b> <b>ELECTIVE: ANY ONE OF A270903T , A270904T</b> <b>IV(Th)a: Social Welfare Administration</b> <b>IV(Th)b: Public Policy Process in India</b> <b>IV(Th)c: Public Policy</b> <b>ELECTIVE: ANY ONE OF A2709035, A270906T, A270907T</b> <b>I(PR) Practical:</b> <b>II(PR) Project: Dissertation and Viva-Voce</b>	A270901T A270902T A270903T A270904T  A270905T A270906T A270907T  A270908P A270909R
<u>VIII Semester</u>			
I(Th) Theory and Practice of Local Government II(Th) Indian Administrative Thinkers III(Th) Constitutional Frame Work of Indian administration <b>IV(Th) a: Research Methodology Or</b> <b>IV(Th) b: Comparative Public Administration</b> <b>ELECTIVE: ANY ONE OF A270804T, A270805T</b> <b>I(PR) Practical:</b> <b>II(PR) Project: Dissertation and Viva-Voce</b>	A270801T A270802T A270803T A270804T A270805T  A270806P A270807R	<u>X Semester</u>  I(Th) Contemporary Issues in Indian Administration <b>II(TH) Rural Local Government in India</b> <b>III(TH) Urban Local Government in India</b> <b>IV(TH) Management of Public Enterprises</b> <b>V(TH) Organisational Behaviour</b> <b>VI(TH) Indian Civil Services</b> <b>VII(TH) Human Resource Management</b> <b>VIII(TH) E-Governance</b> <b>IX(TH) Good Governance and Administration</b> <b>ELECTIVE: Any Three of A271002T to A271009T</b> <b>I(PR) Practical:</b> <b>II(PR) Project: Dissertation and Viva-Voce</b>	A271001T A271002T A271003T A271004T A271005T A271006T A271007T A271008T A271009T  A271010P A271011R

**B1. PHYSICS**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Mathematical Methods in Physics II(Th) Classical Mechanics III(Th) Quantum Mechanics IV(Th) Electronic Devices <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project: Industrial Training/Research Project/Survey</b>	B010701T B010702T B010703T B010704T B010705P B010706R	I(Th) Condensed Matter Physics II(Th) Nuclear and Particle Physics <b>III(Th) a: Operational Amplifier and Digital Circuits</b> <b>III(Th) b: Nanomaterials and Synthesis Techniques</b> <b>ELECTIVE: ANY ONE OF B010903T, B010904T</b> <b>IV(Th)a: Electronic Communication Systems</b> <b>IV(Th) b: Advance Tools for Nanocharacterization</b> <b>ELECTIVE: ANY ONE OF B010905T, B010906T</b> <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project: Industrial Training/Research Project/Survey</b>	B010901T B010902T B010903T B010904T  B010905T B010906T  B010907P B010908R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Advanced Quantum Mechanics II(Th) Statistical Mechanics III(Th) Electrodynamics and Plasma Physics IV(Th) Atomic and Molecular Physics <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project: Industrial Training/Research Project/Survey</b>	B010801T B010802T B010803T B010804T B010805P B010806R	I(Th) Numerical Methods and Programming <b>II(Th)a: Physics of Nanometrials</b> <b>II(Th)b: Materials Science &amp; Energy Devices</b> <b>ELECTIVE: ANY ONE OF B011002T, B011003T</b> <b>III(Th)a: Microwave Electronics, Digital and Satellite Communication</b> <b>III(Th)b: Quantum Physics for Nanostructures</b> <b>ELECTIVE: ANY ONE OF B011004T, B011005T</b> <b>IV(Th)a: Design and fabrication of Integrated Circuits</b> <b>IV(Th)b: Nanofabrication and Devices</b> <b>ELECTIVE: ANY ONE OF B011006T, B011007T</b> <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project: Industrial Training/Research Project/Survey</b>	B011001T B011002T B011003T  B011004T  B011005T  B011006T B011007T  B011008P B011009R

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**B2. CHEMISTRY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Inorganic Chemistry I II(Th) Organic Chemistry I III(Th) Physical Chemistry I IV(Th) Computer for Chemists <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project:</b>	B020701T B020702T B020703T B020704T B020707P B020708R	I(Th) Photochemistry II(Th) Spectroscopy III(Th) Analytical Chemistry <b>IV(Th)a: Bio-Inorganic Chemistry Or</b> <b>IV(Th)b: Bio-Organic Chemistry Or</b> <b>IV(Th)c: Bio-Physical Chemistry Or</b> <b>ELECTIVE: ANY ONE OF B020904T, B020905T, B020906T</b> <b>I(PR) Practical: Practical Course</b> <b>II(PR) Project:</b>	B020901T B020902T B020903T B020904T B020905T B020906T  B020907P B020908R
<p style="text-align: center;"><u>VIII Semester</u></p> I(Th) Inorganic Chemistry II II(Th) Organic Chemistry II III(Th) Physical Chemistry II IV(Th) Group Theory, Spectroscopy & Diffraction Methods & Solid State  <b>I(PR) Practical: Inorganic Practical</b> <b>II(PR) Project:</b>	B020801T B020802T B020803T B020804T  B020805P B020808R	<p style="text-align: center;"><u>X Semester</u></p> I(Th) Environmental Chemistry <b>ELECTIVE: ANY Three OF Inorganic Specialization</b> II(Th) Inorganic Chemistry Special I III(Th) Inorganic Chemistry Special II IV(Th) Inorganic Chemistry Special III(Advanced Inorganic Chemistry) V(Th) Inorganic Chemistry Special IV(Advanced Spectral Technique) VI(Th) Inorganic Chemistry Special V (Chemistry of Materials) <b>ELECTIVE: ANY Three OF Organic Specialization</b> II(Th) Organic Chemistry Special I (Organic Synthesis) III(Th) Organic Chemistry Special II (Medicinal Chemistry) IV(Th) Organic Chemistry Special III(Polymer Chemistry) V(Th) Organic Chemistry Special IV(Chemistry of Natural Products) VI(Th) Organic Chemistry Special V (Heterocyclic Chemistry) <b>ELECTIVE: ANY Three OF Physical Specialization</b> II(Th) Physical Chemistry Special I (Solid State Chemistry) III(Th) Physical Chemistry Special II (Advanced Quantum Chemistry) IV(Th) Physical Chemistry Special III(Liquid State) V(Th) Physical Chemistry Special IV(Physical Chemistry of Inorganic Reaction) VI(Th) Physical Chemistry Special V (Computational Chemistry) <b>I(PR) Practical: Organic Practical</b> <b>II(PR) Project:</b>	B021001T  B021002T B021003T B021004T B021005T B021006T B021007T B021008T B021009T B021010T B021011T B021012T B021013T B021014T B021015T B021016T B021017P B021018R

## B3. MATHEMATICS

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Abstract Algebra II(Th) Real Analysis III(Th) Advanced Differential Equations IV(Th) Topology <b>I(PR) Project: Research Project</b>	B030701T B030702T B030703T B030704T B030705R	I(Th)a: Fluid Dynamics I(Th)b: Functional Analysis I(Th)c: Introduction to Soft Computing I(Th)d: Mathematical Robotics I(Th)e: Information Theory <b>ELECTIVE: ANY TWO</b>	B030901T B030902T B030903T B030904T B030905T
<u>VIII Semester</u>		II(Th)a: Advanced Numerical Analysis II(Th)b: Measure and Integration II(Th)c: Algebraic Coding Theory II(Th)d: Object Oriented Programming C++ II(Th)e: Partial Differential Equation <b>ELECTIVE: ANY TWO</b>	B030906T B030907T B030908T B030909T B030910T
I(Th)a: Advanced Complex Analysis I(Th)b: Research Methodology & Computer Application I(Th)c: Dynamical System <b>ELECTIVE: ANY ONE B030801T, B030802T, B030803T</b> II(Th)a: Mechanics II(Th)b: Linear Algebra II(Th)c: Mathematical Statistics <b>ELECTIVE: ANY ONE B030804T, B030805T, B030806T</b>	B030801T B030802T B030803T  B030804T B030805T B030806T	II(Th)e: Partial Differential Equation <b>ELECTIVE: ANY TWO</b> <b>I(PR) Project: Research Project</b>	B030911R
III(Th)a: Advanced Operations Research III(Th)b: Programming Language III(Th)c: Financial Mathematics <b>ELECTIVE: ANY ONE B030807T, B030808T, B030809T</b> IV(Th)a: Advanced Discrete Mathematics IV(Th)b: Data Structure IV(Th)c: Differential Geometry <b>ELECTIVE: ANY ONE B030810T, B030811T, B030812T</b> <b>I(PR) Project: Research Project</b>	B030807T B030808T B030809T  B030810T B030811T B030812T	<u>X Semester</u> I(Th)a: Mathematical Method I(Th)b: Number Theory I(Th)c: Mathematical Cryptography I(Th)d: Mathematical Biology I(Th)e: Mathematical Programming <b>ELECTIVE: ANY TWO</b>	B031001T B031002T B031003T B031004T B031005T
	B030813R	II(Th)a: Advanced Topology II(Th)b: Fuzzy Sets and its Applications II(Th)c: Mathematical Modeling and Simulation II(Th)d: File Structure and Database Management System II(Th)e: Algebraic Topology <b>ELECTIVE: ANY TWO</b> <b>I(PR) Project: Research Project</b>	B031006T B031007T B031008T B031009T B031010T
			B031011R

**B4. BOTANY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Microbiology II(Th) Algae, Bryophytes, Pteridophytes and Gymnosperms III(Th) Plant Systematics <b>IV(Th)a: Applied Mycology</b> <b>IV(Th)b: Biostatistics</b> <b>ELECTIVE: ANY ONE OF B040704T, B040705T</b> I(PR) Practical: Lab I II(PR) Project: Industrial Training/Research Project/Survey	B040701T B040702T B040703T B040704T B040705T  B040706P B040707R	I(Th) Medicinal Botany and Ayurvedic System of Medicine II(Th) Plant Biochemistry and Molecular Biology III(Th) Environmental Chemistry <b>IV(Th)a: Genetic Engineering</b> <b>IV(Th)b: Evolutionary Biology</b> <b>IV(Th)c: Plant Nomenclature</b> <b>ELECTIVE: ANY ONE OF B040704T</b> I(PR) Practical: Lab 3 II(PR) Project: Industrial Training/Research Project/Survey	B040901T B040902T B040903T B040904T B040905T B040906T  B040907P B040908R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Genetics II(Th) Cell Biology III(Th) Development Botany <b>IV(Th)a: Elementary Biotechnology</b> <b>IV(Th)b: Pharmacognosy</b> <b>IV(Th)c: Applied Phycology</b> <b>IV(Th)d: Stress Physiology of Plants</b> <b>ELECTIVE: ANY ONE OF B040804T, B040805T, B040806T, B040807T</b> I(PR) Practical: Lab 2 II(PR) Project: Industrial Training/Research Project/Survey	B040801T B040802T B040803T B040804T B040805T B040806T B040807T  <b>B040808P</b> <b>B040809R</b>	I(Th) Environmental Issues & Challenges II(Th) Ethnobotany and Intellectual Property Rights III(Th)a: Biophysical Chemistry III(Th)b: Bioentrepreneurship and Innovation III(Th)c: Molecular Systematics and Phylogenomics III(Th)d: Nanobiotechnology <b>ELECTIVE: ANY ONE OF B040704T</b> IV(Th)a: Glycobiology IV(Th)b: Plant Tissue Culture IV(Th)c: Microbial Biotechnology IV(Th)d: Herbal Products <b>ELECTIVE: ANY ONE OF B040704T</b> I(PR) Practical: Lab 4 II(PR) Project: Industrial Training/Research Project/Survey	B041001T B041002T B041003T B041004T B041005T B041006T  B041007T B041008T B041009T B041010T  B041011P B041012R



**B5. ZOOLOGY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Animal Diversity: Evolutionary and Taxonomic Approaches II(Th) Animal Diversity- Non-Chordata III(Th) Biochemistry IV(Th) Cell and Molecular Biology II(PR) Practical: I(PR) Project: Research Project- Literature review/Question Formulation	B050701T B050702T B050703T B050704T B050705P B050706R	I(Th) Genetics, Biostatistics & Computational Biology II(Th) Developmental Biology III(Th) <b>Specialization Paper I-A/B/C/D/E/F</b> IV(Th) <b>Specialization Paper II-A/B/C/D/E/F</b> <b>Specialization Papers:-</b> <b>A- Parasitology:</b> (i) Biology of Parasites-I (Protozoa, Termatodes, Cestoda) (ii) Biology of Parasites-II (Nematoda and Arthropoda) <b>B- Fish and Fisheries:</b> (i) General Fish Biology (ii) Morphology and Physiology <b>C- Endocrinology:</b> (i) General Endocrinology (ii) Neuro Endocrinology <b>D- Cell Biology:</b> (i) Advanced Cell Biology (ii) Chromosome and Genomic Organization <b>E- Entomology:</b> (i) General Insect Biology (ii) Anatomy and physiology of Insects <b>F- Chronobiology:</b> (i) Chronobiology (ii) Photoperiodism and Seasonal Breeding I(PR) Practical: II(PR) Project: Progression to Dissertaton	B050901T B050902T  B050903T B050904T B050905T B050906T B050907T B050908T B050909T B050910T B050911T B050912T B050913T B050914T B050915P B050916R
<u>VIII Semester</u> I(Th) Environmental Biology & Wildlife Biology II(Th) Animal Diversity- Chordata III(Th) Animal Physiology and Immunology IV(Th) Animal Behavior and Chronobiology I(PR) Practical: II(PR) Project: Data Collection, Analysis, Report Writing	B050801T B050802T B050803T B050804T B050805P B050806R	<u>X Semester</u> (Th) Trends in Economic & Applied Zoology II(Th) Biological Techniques & Biotechnology III(Th) <b>Specialization Paper III-A/B/C/D/E/F</b> IV(Th) <b>Specialization Paper IV-A/B/C/D/E/F</b> <b>Specialization Papers:-</b> <b>A- Parasitology:</b> (i) Physiology and Biochemistry of Parasites (ii) Immunoparasitology <b>B- Fish and Fisheries:</b> (i) Fish Culture and Limnology (ii) Applied Fisheries <b>C- Endocrinology:</b> (i) Vertebrate Endocrinology (ii) Reproductive Physiology <b>D- Cell Biology:</b> (i) Genomic Analysis and Immune Genetics (ii) Human and Microbial Cytogenetics and Molecular Biology <b>E- Entomology:</b> (i) Applied Entomology-I (ii) Applied Entomology-II <b>F- Chronobiology:</b> (i) Neuroendocrine Control of Behavior (ii) Applied Chronobiology I(PR) Practical: II(PR) Project: Final Dissertation Writing and Assessment	B051001T B051002T  B051003T B051004T B051005T B051006T B051007T B051008T B051009T B051010T B051011T B051012T B051013T B051014T B051015P B051016R

## B6. STATISTICS

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Probability Theory II(Th) Distribution Theory III(Th) Sampling Techniques <b>IV(Th)a: Statistical Programming with R-language</b> <b>IV(Th)b: Statistical Programming with C-language</b> <b>ELECTIVE: ANY ONE OF B060704T, B060705T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/Research Project/Survey	B060701T B060702T B060703T B060704T B060705T  B060706P B060707R	I(Th) Quality Control & Reliability Engineering II(Th) Statistical Inference-II III(Th) Operations Research <b>IV(Th)a: Advanced Bayesian Statistics</b> <b>IV(Th)b: Actuarial Science &amp; Official Statistics</b> <b>IV(Th)c: Advanced Designs of Experiments</b> <b>ELECTIVE: ANY ONE OF B060904T, B060905T, B060906T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/Research Project/Survey	B060901T B060902T B060903T B060904T B060905T B060906T  B060907P B060908R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Matrix Algebra & Linear Difference Equations II(Th) Theory of Experimental designs III(Th) Statistical Inference-I <b>IV(Th)a: Real &amp; Complex Analysis</b> <b>IV(Th)b: Information Theory</b> <b>ELECTIVE: ANY ONE OF B060804T, B060805T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/Research Project/Survey	B060801T B060802T B060803T B060804T B060805T  B060806P B060807R	I(Th) Multivariate Analysis II(Th) Time Series & Vital Statistics <b>III(Th)a: Data Analytic &amp; Python</b> <b>III(Th)b: Advanced Operations Research</b> <b>III(Th)c: Bio-Statistics</b> <b>ELECTIVE: ANY ONE OF B061003T, B061004T, B061005T</b> <b>IV(Th)a: Stochastic Process &amp; Survival Analysis</b> <b>IV(Th)b: Econometrics</b> <b>IV(Th)c: Research Methodology &amp; computer Application</b> <b>ELECTIVE: ANY ONE OF B061006T, B061007T, B061008T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/Research Project/Survey	B061001T B061002T B061003T B061004T B061005T  B061006T B061007T B061008T  B061009P B061010R

**B8. MICROBIOLOGY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Microbial Tools and Techniques II(Th) Microbial Genetics III(Th) Microbial Diversity <b>IV(Th)a: Nutritional Therapy</b> <b>IV(Th)b: Natural Resources and Conservation</b> <b>ELECTIVE: ANY ONE OF B080704T, B080705T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/ Research Project /Survey	B080701T B080702T B080703T B080704T B080705T  B080706P B080707R	I(Th) Immunology II(Th) Microbial Biotechnology and Industrial Microbiology III(Th) Computer Applications, Bioinformatics, statistics and Research Methodology <b>IV(Th)a: Food Chemistry</b> <b>IV(Th)b: Food and Water Borne Disease</b> <b>ELECTIVE: ANY ONE OF B080904T, B080905T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/ Research Project /Survey	B080901T B080902T B080903T  B080904T B080905T  B080906P B080907R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Microbial Growth and Physiological Diversity II(Th) Molecular Biology and Genetic Engineering III(Th) Agriculture and Environmental Microbiology <b>IV(Th)a: Lab Diagnostic</b> <b>IV(Th)b: Food Microbiology</b> <b>ELECTIVE: ANY ONE OF B080804T, B080805T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/ Research Project /Survey	B080801T B080802T B080803T B080804T B080805T  B080806P B080807R	I(Th) Medical Microbiology II(Th) Human, Animal and Plant Virology <b>III(Th) a: Food Processing, Preservation and Packaging</b> <b>III(Th) b: Food Safety</b> <b>ELECTIVE: ANY ONE OF B081003T, B081004T</b> <b>IV(Th)a: Epidemiology</b> <b>IV(Th)b: Pharmaceutical Microbiology</b> <b>ELECTIVE: ANY ONE OF B081005T, B081006T</b> I(PR) Practical: Practical Lab II(PR) Project: Industrial Training/ Research Project /Survey	B081001T B081002T B081003T B081004T  B081005T B081006T  B081007P B081008R

**B30. TOXICOLOGY**

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Principles of Toxicology	B300701T	I(Th) Toxicology of Heavy Metals	B300901T
II(Th) Environmental Toxicology	B300702T	II(Th) Toxicology of Pesticides	B300902T
III(Th) Systemic Toxicology	B300703T	III(Th) Toxicology of Organic Solvents	B300903T
IV(Th) Cellular and Molecular Toxicology	B300704T	IV(Th) Regulatory Toxicology	B300904T
II(PR) Practical :	B300705P	I(PR) Practical :	B300905P
I(PR) Project: Research Project	B300706R	I(PR) Project: Research Project	B300906R
<u>VIII Semester</u>		<u>X Semester</u>	
I(Th) Immunotoxicology	B300801T	I(Th) Tools & Techniques in Toxicology	B301001T
II(Th) Biochemical Toxicology	B300802T	II(Th) Applied Toxicology	B301002T
III(Th) Chemical Carcinogenesis	B300803T	III(Th) Forensic Toxicology	B301003T
IV(Th) Occupational and Industrial Toxicology	B300804T	IV(Th) Experimental Design & Biostatistics	B301004T
I(PR) Practical :	B300805P	I(PR) Practical :	B301005P
I(PR) Project: Research Project	B300806R	I(PR) Project: Research Project	B301006R

## C1. M.Com.

<u>VII Semester</u>		<u>IX Semester</u>	
I(Th) Management Concepts and Organisational Behaviour II(Th) Direct Taxes III(Th) Statistical Analysis IV(Th) Research Methodology <b>I(PR) Project: Industrial Training/ Research Project /Survey/Training Under Chartered Accountant/Tax Advocate</b>	C010701T C010702T C010703T C010704T C010705R	I(Th) Financial Management II(Th) Marketing Management III(Th) Human Resource Management IV(Th) Operations Research Or V(Th) Managerial Economics <b>ELECTIVE: ANY ONE OF B080704T,B080705T</b> <b>I(PR) Project: Industrial Training/ Research Project /Survey/Training Under Chartered Accountant/Tax Advocate</b>	C010901T C010902T C010903T C010904T C010905T C010906R
<p style="text-align: center;"><u>VII Semester</u></p> I(Th) Indirect Taxes and GST II(Th) Corporate Laws and Governance III(Th) Corporate Financial Accounting <b>IV(Th) Strategic Management &amp; Buisness Policy Or</b> <b>V(Th) Strategic Marketing</b> <b>ELECTIVE: ANY ONE OF B080704T,B080705T</b> <b>I(PR) Project: Industrial Training/Research Project/Survey/Training under Chartered Accountant/Tax Advocate</b>	C010801T C010802T C010803T C010804T C010805T C010806R	<p style="text-align: center;"><u>X Semester</u></p> <b>Any One Group from the following Specialisation Group</b> <b>1. Finance Group:-</b> I(Th) Security Analysis and Portfolio Management II(Th) Financial System & Capital market III(Th) Banking and Insurance IV(Th) Regulators for Financial System in India (RBI,SEBI,IRDA,AMFI) <b>2. Marketing Group:-</b> I(Th) International Marketing II(Th) Consumer Behaviour III(Th) Services Marketing IV(Th) Advertising and Sales Promotion <b>3. Human Resource Group:-</b> I(Th) Industrial Relations & Labour Laws II(Th) Corporate Social Responsibility III(Th) Recruitment Training & Development IV(Th) Talent Management & Employee Retention <b>I(PR) Project: Industrial Training/ Research Project /Survey/Training Under Chartered Accountant/Tax Advocate</b>	C011001T C011002T C011003T C011004T C011005T C011006T C011007T C011008T C011009T C011010T C011011T C011012T C011013R

MINOR ELECTIVE for VII Semester			
Sr. No.	Subject	Minor Elective: Paper Name	Subject Code
1	SOCIOLOGY	Fundamentals of Sociology	QA070701T
2	ECONOMICS	Basic Economics	QA080701T
3	PSYCHOLOGY	Value Education and Life Skills	QA090701T
4	PHILOSOPHY	Indian Philosophical Systems	QA100701T
5	SOCIAL WORK	Foundations of Social Work	QA160701T
6	PHYSICS	Basic Science	QB010701T
7	MATHEMATICS	Vedic Mathematics	QB030701T
8	BOTANY	Disaster Management	QB040701T
9	STATISTICS	Essential Statistics	QB060701T
10	MICROBIOLOGY	Food Quality Testing	QB080701T
11	M.Com.	Elementary Commerce & Accounts	QB010701T
12	HINDI	Samanya Hindi	QA010701T
13	SANSKRIT	Applied Sanskrit	QA020701T
14	URDU	Assan Urdu	QA030701T
15	Political Science	Constitution of India	QA060701T
16	History	Indian Culture and Heritage	QA050701T
17	Public Administration	Development Administration	QA270701T
18	Chemistry	Chemistry in Life I	QB020701T

MINOR ELECTIVE for VIII Semester			
1	History core elective course	Indian Rituals and Karma	QA050801T
2	Chemistry	Chemistry in Life II	QB020801T
3	HINDI	Kosh Vigyan	QA010801T
4	M.Com.	Principles of Management	QC010801T
5	TOXICOLOGY	Health and Hygiene	QB300801T
6	STATISTICS	Applied Statistics	QB060801T
7	PHYSICS	Nanoscience and Nanotechnology	QB010801T
8	MATHEMATICS	Quantative Aptitude	QB030801T
9	Poltical Science	Democracy in India	QA060801T
10	URDU	Urdu Aur Mass Media	QA030801T
11	SOCIOLOGY	Society and Culture India	QA070801T
12	SANSKRIT	Sanskrit Vangmaya mai Rajnetik Sidhant	QA020801T
13	BOTANY	Fascinating Plants	QB040801T
14	Public Administration	Administrative Law	QA270801T

04/11/23  
सहा० कुलसचिव (परीक्षा)