

GOVERNOR'S SECRETARIAT, BIHAR

RAJ BHAVAN, PATNA-800022

Letter No.-PU(Regulation) -08/2022-

/GS(I), Dated-

From,

Vinod Kumar Tiwari

Officer on Special Duty (Judl.)

To,

The Vice Chancellor, Patna University,

Patna.

Sub:-

Regarding approval of the Ordinance and Regulations under Choice Based Credit System (CBCS) of Bachelor of Arts/ Science/Commerce(Hons.) programme from the academic session 2022-23 in Patna University, Patna.

Ref:-

Letter no.- Acad/62/AKS/1813 dated- 28-05-2022

Sir,

I am directed to invite a reference to the Memo no. SHEC/O&R/PU/CBCS/Bachelors(Hons.)/48/2022-246 Patna, dated-23.05.2022 received from the Member Secretary-cum-State Project Director, State Higher Education Council, Govt. of Bihar, Patna on the subject noted above and to inform that the Hon'ble Chancellor, after due consideration of the recommendation made by Member Secretary-cum-State Project Director, State Higher Education Council, Govt. of Bihar, Patna and advice of the Advisory Committee and in exercise of powers conferred upon him under section 38(2) and 39(2) of the Patna University Act, 1976 as amended up to date, has been pleased to approve the draft Ordinance and Regulations under Choice Based Credit System (CBCS) of Bachelor of Arts/ Science/ Commerce(Hons.) programme from the academic session 2022-23 in Patna University, Patna. (Copy enclosed).

Further necessary action may kindly be taken accordingly.

Yours faithfully

Encl:- As above.

Sd./-

(Vinod Kumar Tiwari)

Officer on Special Duty (Judl.)

Memo No.-PU(Regulation) -08/2022-

/GS(I), Dated-

Copy alongwith a copy of approved draft Ordinance and Regulations under Choice Based Credit System (CBCS) of Bachelor of Arts/ Science/Commerce(Hons.) programme from the academic session 2022-23 in Patna University, Patna forwarded to the Principal Secretary, Education Department, Govt. of Bihar, Patna for information and necessary action.

Encl:- As above.

Sd./-Officer on Special Duty (Judl.)



GOVERNOR'S SECRETARIAT, BIHAR

RAJ BHAVAN, PATNA-800022

Memo No.-PU(Regulation) -08/2022-

/GS(I), Dated-

Copy forwarded to the Member Secretary-cum-State Project Director, State Higher Education Council, Govt. of Bihar, Bihar State Text Book Publishing Corporation Ltd. Campus, Budh Marg, Patna-800001 for information.

Sd./-

Officer on Special Duty (Judl.)

Memo No.-PU(Regulation) -08/2022- 828 /GS(I), Dated- 15 · 06 · 2022

Copy alongwith a copy of approved draft Ordinance and Regulations under Choice Based Credit System (CBCS) of Bachelor of Arts/ Science/Commerce(Hons.) programme from the academic session 2022-23 in Patna University, Patna forwarded to the Incharge, NIC / Computer Cell, Raj Bhavan, Bihar, Patna for uploading on the website of Raj Bhavan / Custodian, Guard file for record.

Encl:- As above.

Officer on Special Duty (Judl.)

(Too copies of lasties)



PATNA UNIVERSITY, PATNA-800 005 ORDINANCE & REGULATIONS FOR THE BACHELOR OF ARTS/ SCIENCE/COMMERCE (HONOURS)

PROGRAMME UNDER CHOICE BASED CREDIT SYSTEM (C.B.C.S.)

Ordinance for Admission

- This ordinance shall be known as "Ordinance for Admission" in the Bachelor of Arts (Honours)/Science (Honours)/Commerce (Honours) of Patna University.
- 2. The Bachelor Programme shall be undertaken in Six Semesters within three years.
- 3. It will come into effect from the Academic Session 2022-23.
- 4. The eligibility criterion for admission in Bachelor programmes are listed in Table 1.

Table 1: Eligibility criterion for admission in Bachelor programme

B.A. (Hons)	B.Sc. (Hons)	B.Com. (Hons)	
Candidates who have passed intermediate examination I.A./ I.Sc./ I.Com or +2 of Bihar School Examination Board or equivalent examination offered by other approved Boards	Candidates who have passed intermediate examination I.Sc. or +2 of Bihar School Examination Board or equivalent examination offered by other approved Boards (CBSE/ ICSE/ other State Board) with at	passed intermediate examination I.A./ I.Sc./ I.Com. or +2 of Bihar School Examination Board or equivalent examination offered by	

1

\$57

South

And -

Vinod Kumar Tiwari

- Admission to the first semester of the Bachelor programme shall be made on the basis 5. of marks obtained by the candidate at the Common Admission Entrance Test (CAET) conducted by the University or marks obtained in +2 examinations as decided by the Academic Council of the University.
- The Admission Entrance Test Booklet will consist of 100 multiple choice type 6. questions. The Part A of the Admission Entrance Test Booklet will consist of 40 multiple choice type questions from General Knowledge, General Aptitude and Numerical Aptitude.

The Part B will consist of 60 multiple choice type questions from all major subjects of Humanities and Social Science.

The Part C will consist of 60 multiple choice type questions from all major subjects of Science.

The Part D will consist of 60 multiple choice type questions from all major subjects of Commerce.

Part A of the Admission Entrance Test Booklet will be common for all and students may choose any one from Part B, Part C and Part D. There will be a Common merit list and students shall have the option to choose the programme from the list offered by Patna University. Students shall fill in their choices. Finally, the programme will be allotted on the basis of their merit cum choice. The duration of the test shall be of two hours.

The candidate seeking admission shall have to apply online on the Patna University 7. web portal after paying the requisite fee mentioned in the advertisement notice published by the University. The candidate shall have to upload the documents supporting his/her claim mentioned in the application form.

Note: No applicant shall be admitted to the program who has not applied for admission within the notified period.

8. **Fee structure:** The breakup of fees per semester is given in Table 2.

1800

Table 2 A: Fee breakup for B.A./B.Sc./B. Com (Hons) 1st Semester

SI. No. Head/ Item		Fee in Indian Rupees	
I.	Admission Fee (Per semester)	350	
Π.	Tuition fee (per semester)	600	
III.	Eklavya & Tarang (one time in each Academic Session)	50	
IV.	Total (A)	1000	
V.	Miscellaneous (per semester)		
	Central Library	100	
	College Library	100	
	Electricity Fee	200	
	Identity card fee	100	
	NSS fee	50	
	Parking	50	
	Library Maintenances Fund	100	
	Building Maintenance Fund	100	
	Medical fee	100	
	Athletic Fund (for college)	50	
	Athletic Fund (for university)	50	
	Common Room Fund	50	
	Extra-curricular Fee (cultural)	50	
	Environmental Protection Fee	50	
	Student's Welfare Fee	30	
	Poor student's fund	20	
	Student's Union Fund	100	
	Society Subscription	50	
	Magazine Fund	50	
	Hand Book/Directory	50	
VI.	Total (B)	1450	
/II.	Total Semester Fee (A+B)	2450	

^{*} Lab fee- Rs 600/- per semester for the subject having practical classes [Science, Geography, Psychology, Home Science, Music]

3

Tavip

July

^{*}Field visit- Actual expenditure at the time of field visit to be paid by the student.

Table 2 B: Fee breakup for B.A./B.Sc./B. Com (Hons) 2^{nd} / 4^{th} / 6^{th} Semester

SI. No.	Head/ Item	Fee in Indian Rupees	
I.	Admission Fee (Per semester)	350	
II.	Tuition fee (per semester)	600	
III.	Eklavya & Tarang (one time in each Academic Session)	0	
IV.	Total (A)	950	
V.	Miscellaneous (per semester)		
	Central Library	100	
	College Library	100	
	Electricity Fee	200	
	Identity card fee	0	
	NSS fee	50	
	Parking	50	
	Library Maintenances Fund	100	
	Building Maintenance Fund	100	
	Medical fee	100	
	Athletic Fund (for college)	50	
	Athletic Fund (for university)	50	
	Common Room Fund	50	
	Extra-curricular Fee (cultural)	50	
	Environmental Protection Fee	50	
	Student's Welfare Fee	30	
	Poor student's fund	20	
	Student's Union Fund	100	
	Society Subscription	50	
	Magazine Fund	50	
	Hand Book/Directory	0	
VI.	Total (B)	1300	
VII.	Total Semester Fee (A+B)	2250	

^{*} Lab fee- Rs 600/- per semester for the subject having practical classes [Science, Geography, Psychology, Home Science, Music]

40万

2 post

Vinod Kumar Tiwari

^{*}Field visit- Actual expenditure at the time of field visit to be paid by the student

Table 2 C: Fee breakup for B.A./B.Sc./B. Com (Hons) 3rd/5th Semester

SI. No.	Head/ Item	Fee in Indian Rupees	
I.	Admission Fee (Per semester)	350	
II.	Tuition fee (per semester)	600	
III.	Eklavya & Tarang (one time in each Academic Session)	50	
IV.	Total (A)	1000	
V.	Miscellaneous (per semester)		
	Central Library	100	
	College Library	100	
	Electricity Fee	200	
	Identity card fee	0	
	NSS fee	50	
	Parking	50	
	Library Maintenances Fund	100	
	Building Maintenance Fund	100	
	Medical fee	100	
	Athletic Fund (for college)	50	
	Athletic Fund (for university)	50	
	Common Room Fund	50	
	Extra-curricular Fee (cultural)	50	
	Environmental Protection Fee	50	
	Student's Welfare Fee	30	
	Poor student's fund	20	
	Student's Union Fund	100	
	Society Subscription	50	
	Magazine Fund	50	
	Hand Book/Directory	0	
VI	Total (B)	1300	
VII	Total Semester Fee (A+B)	2300	

^{*} Lab fee- Rs 600/- per semester for the subject having practical classes [Science, Geography, Psychology, Home Science, Music]

Spil

Box

^{*}Field visit- Actual expenditure at the time of field visit to be paid by the student.

 The revision of the fee structure may be made every 3rd year after seeking the approval of the statutory bodies of the University.

10. Reservation

The reservation of seats in the Bachelor programme shall be made in terms of the reservation rule approved by the government for its implementation in the University.

Note:

- (i) A candidate shall have to mention the category in the main application form specifically and must upload the supporting document to substantiate his/her claim.
- (ii) An application without a category option shall be treated as under unreserved category.
- (iii) An application with an entry of the wrong option under category shall be treated under the unreserved category.
- (iv) For allotment of seats under other different quota (Sports/Fine Arts/ Defense/ Staff etc.) will be made as per Memo No. PU-18/99-3944/GS(I) dated: 28.08.1999.
- 11. In case any document submitted by a candidate at the time of admission to this programme is/are found to be fake or fraud, the admission of the candidate shall stand cancelled, and the fee deposited by the candidate is also forfeited.
- 12. Any candidate can be denied admission, or his/her name will be struck off from the roll of the University if necessarily required in the best interest of the University.
- 13. The candidates shall not be allowed to register for any other degree programme in the same University or any other University during the same academic session of his/her study in the Bachelor programme.
- 14. Any student who attended all courses/papers in a Semester as a regular student and sent up for the End Semester Examination (ESE) but fails to appear in the ESE shall have to appear in the subsequent forthcoming examination of a particular semester by paying the requisite examination fee.
- 15. A student has attendance less than 75% in any course/paper, then the candidate has to repeat the particular course/paper in the subsequent forthcoming examination by paying the proportionate fee of that semester as decided by University.
- 16. If a candidate has an attendance of 75% or more but fails in the CIA, in that case, the candidate has to appear for CIA in that particular course/paper in the subsequent forthcoming examination.

5

*

That

Vinod Kumar Tiwari Officer on Special Duty (Judicial)

(Para)

- 17. Every student should fill a registration form before the start of next semester.
- Minor changes in the above ordinance may be made by the Academic Council if required in the interest of academics.
- The general ordinance of Patna University shall cover any aspect not covered in the 19. present ordinance. Box

Regulations for Examination

- 1.1. These regulations should be called the "Regulations of Examination" for the Bachelor program of Patna University under the Choice Based Credit System (CBCS) Curriculum.
- 1.2. It shall come into force from the Academic Year 2022-23.
- **1.3.** The B.A. (Hons) program shall come under the "Faculty of Arts", B.Sc. (Hons) under "Faculty of Science" and B.Com.(Hons) under "Faculty of Commerce".

2. OUTLINE OF THE CHOICE BASED CREDIT SYSTEM (CBCS):

It consists of a number of courses, i.e. Core Course (CC), Generic Elective Course (GE), Discipline Specific Elective Course (DSE), Skill/ Ability Enhancement Courses (SEC), and Ability Enhancement Compulsory Courses (AECC). The nature of these courses is defined below:

2.1.1. Core Course (CC):

A course that a candidate should study as a core requirement of the Bachelor programme is termed a Core course.

2.1.2. Discipline Specific Elective Course (DSE):

Elective courses may be offered by the main discipline/subject of study is referred to as **Discipline Specific Elective**. Students must opt for Dissertation/Project/Internship/Industrial Training as one of the DSE Courses in 6th Semester.

2.1.3. Generic Elective (GE) Course:

An elective course chosen generally from an unrelated discipline/subject, with an intention to seek broad exposure, is called a **Generic Elective**.

2.1.4. Ability/Skill Enhancement Courses (AEC/SEC):

The Ability Enhancement Courses / Skill Enhancement Courses (AEC/SEC). "AEC/SEC" courses are the courses based upon the content that leads to skill enhancement.

2.1.5. Ability Enhancement Compulsory Courses (AECC):

University will run **Ability Enhancement Compulsory Courses (AECC).** These courses are based upon the content that leads to knowledge enhancement.

- 3. Program of Study/ Course Structure:
- 3.1. Students shall undergo a certified program of study extending up to six semesters in three academic years.

8

100

Znigh

Vinod Kumar Tiwari Officer on Special Duty (Judicial)

More

3.2. Each academic year shall consist of two semesters:

Odd semesters (I, III, V) from July to December

Even semester (II, IV, VI) from January to June

3.3. The Bachelor program will consist of a number of courses as per Annexure, spanning over six semesters.

Faculty of Humanities

Annexure 1.1:	Arabic
Annexure 1.2:	Bengali
Annexure 1.3:	English
Annexure 1.4:	Hindi
Annexure 1.5:	Maithili
Annexure 1.6:	Music
Annexure 1.7:	Persian
Annexure 1.8:	Philosophy
Annexure 1.9:	Sanskrit
Annexure 1.10:	Urdu

Faculty of Social Sciences

Annexure 1.11:	Ancient Indian History & Archaeology
Annexure 1.12:	Economics
Annexure 1.13:	Geography
Annexure 1.14:	History
Annexure 1.15:	Home Science
Annexure 1.16:	Political Science
Annexure 1.17:	Psychology
Annexure 1.18:	Sociology
	Faculty of Science

Annexure 1.19:	Botany
Annexure 1.20:	Chemistry
Annexure 1.21:	Geology
Annexure 1.22:	Mathematics
Annexure 1.23:	Physics
Annexure 1.24:	Statistics
Annexure 1.25:	Zoology

Faculty of Commerce

Commerce Annexure 1.26:

Trish Bon -

- 3.4. To maintain Uniform academic accountability, certain weightage is assigned in the form of "Credit", separately for each course per semester depending upon the length of the Curriculum. 10 hours of teaching has been fixed for each credit as on average.
- 3.5. The Bachelor program shall have 140 credits altogether. The CGPA shall be awarded on the candidate's performance in all papers/courses (CC, DSE, GE, SEC and AECC) as mentioned in Tables included in Annexure 1.1 to Annexure 1.26 of the programme (subject) concerned.
- **3.6.** The syllabus of the programme may be revised as per the demand of different stakeholders by BOCS and duly approved by the Academic Council.

4. Elective Courses:

- 4.1 The distribution of the ten elective papers shall be Two (2) SEC, Four (4) GE, Four (4) DSE. Students may opt for any elective course out of a list of elective papers (Basket) offered by the parent department or any other department/s as per his/her choice with the prior permission of the parent department. The list of elective papers, syllabus and prerequisite of the elective course will be as decided by the Board of Courses of Studies (BOCS) of the concerned subject/ department and duly approved by Academic Council.
- 4.2 UG Courses offered by SWAYAM/MOOC related to Discipline Specific and Skill enhancement not studied as core course/paper may be selected by the candidate with the approval of the Department.
 Students undertaking UG course from SWAYAM shall be eligible for credit transfer

if he/she gets a certificate for successful completion from SWAYAM.

5. Evaluation of Performance Under C.B.C.S.

- 5.1 Any student admitted to Bachelor programme and registered in the University shall be eligible to appear at the University Examination for each Semester only after securing 75% attendance both in theory and practical class separately and also passed in all CIA.
- 5.2 The University Examination of each course in all semesters shall have two components:
- i. Continuous Internal Assessment (CIA) of CC, GE and DSE containing 30 marks
- ii. Continuous Internal Assessment (CIA) of AECC and SEC containing 50 marks

10

分丁

Zan A

Vinod Kumar Tiwari Officer on Special Duty (Judicial)

(April)

- iii. End Semester Examination (ESE) of CC, GE and DSE containing 70 marks.
- iv. End Semester Examination (ESE) of AECC and SEC containing 50 marks.

Components of CIA (For theory course):

i.	Two mid semester written tests (2x7.5)	=	15 marks
ii.	Seminar/Quiz/Presentation/Assignment		10 marks
iii.	Attendance and conduct	=	05 marks

Total		30 marks

Components of CIA (For practical course):

	Total	-	30 marks	
iii.	Attendance and conduct	=	05 marks	
ii.	Seminar/Quiz/Presentation/Assignment	-	10 marks	
i.	Two mid semester Practical Exam (2x7.5)	=	15 marks	

The components of CIA of AECC-1, AECC-2 SEC-1 and SEC-2 shall be:

			W.O	
iv.	Report on above mentioned papers	=	15 marks	
iii.	Assignments		15 marks	
ii.	Seminar/Quiz	=	10 marks	
i.	One Mid-Semester Written Test	=	10 marks	
	The components of CIA of AECC-1, AECC-2 SEC-1 and SEC-2 shall be.		i and SEC-2 shall be.	

Total - 50 marks

- 5.3 The CIA component of the Examination shall be conducted by the department under a concerned teacher of the course/paper and will be responsible for the submission of CIA marks after evaluation to the Head of the Department.
- 5.4 Only End Semester Examination (ESE) shall be conducted by the University. The ESE of theory courses/papers shall be a written examination of 3 hours duration. However, the ESE of Practical and Project dissertation viva-voce shall be conducted in the respective Department.
- 5.5 The evaluation of the Project Dissertation will also be based on CIA and an endsemester examination.
- 5.6 All such examinations shall be as per the provisions of the Examination Board and Moderation Board of the University.

11

多万

Tru An

6. Examinations

6.1 The End-Semester-Examination will be conducted by the University.

Ouestion Paper Pattern

The question paper shall consist of three parts-

- Part A Compulsory consisting of objective/ multiple choice type each carrying two marks 20 marks
- Part B Short Answer Type Four questions to be answered out of six questions each carrying five marks

 20 marks
- Part C Long Answer Type Three questions to be answered out of Five questions each carrying ten marks

 30 marks
- 6.2 The candidate's performance in the examination for the Bachelor programme shall be evaluated following the Uniform Grading system (Credits) formulated on the guidelines of UGC on the computation of Cumulative Grade Point Average (CGPA).
- 6.3 The examination of odd semesters I, III and V shall generally be held in November and December and that of even semesters II, IV and VI in the month of April-May.
- 6.4 Paper setting work for End Semester Examination (both theory and practical) shall be done by external experts, out of which 50% may be from Patna University.
- 6.5 The evaluation of the answer script of all ESE courses shall be made centralized in the University with the assistance of duly approved external examiners, whose names have been approved by the University. Before evaluation, the answer script of the candidates must be coded. After completing the entire evaluation, the coded marks shall be decoded and accordingly, the result will be published.
- 7 Passing of Examinations and Promotional Rules:
- 7.1 There shall be no supplementary examination in any of the courses/papers in any semester.
- 7.2 The candidates who have been admitted to the First Semester of a three year Undergraduate Programme in a session can be placed in the following categories based on their attendance in the Semester and performance in CIA.

12

Son Son

Vinod Kumar Tiwari O" Ser on Special Duty (Judicial)

March

- Those who have cleared the CIA and attended the required minimum percentage (75%) of attendance shall appear in the ESE.
- ii. Those who have not attended the required minimum percentage of attendance (75%) and not cleared CIA shall in no case be permitted to appear in the End Semester Examination.
 - 7.3 After appearing at the End Semester Examination, the candidates can be placed in the following categories in the context of the declaration of the Semester Examination results.
- i. To be declared passed in End Semester Examination, a candidate must secure at least a 'P' grade as mentioned in Table-4 in each course/paper separately in CIA and ESE.
- ii. A candidate may be promoted to next semester based on the following criteria as given in Table-3.

Table 3: Promotion Criteria

S. No Semester 1 From Semester-I to Semester-II 2 From Semester-II to Semester-III		Attended all courses in Semester-I as a regular studen and sent up** for the Semester-I examination.				
				3	From Semester-III to Semester-IV	Attended all courses in Semester-III as a regular student and sent up** for the Semester-III examination.
				4	From Semester-IV to Semester- V	Attended all courses in Semester-IV as a regular student and sent up** for the Semester-IV examination The candidate must earn at least 70 credits of Semester-I, II, III and IV taken together in CC, AECC, GE and SEC.
5	From Semester–V to Semester –VI	Attended all courses in Semester-V as a regular student and sent up** for the Semester-V examination. The candidate must earn 116 credits taken together in CC, DSE, AECC, GE and SEC.				

**Sent up for End Semester Examination here refers to those candidates who have a minimum of 75% attendance in each course/paper separately and cleared the CIA of respective course/paper conducted by the Department.

13

AST 500

Zu A

March

- iii. Candidates shall have to clear their backlog course/paper (s) in the subsequent end semester examination of that semester whenever it is available.
- iv. The Final result will be published only after he/she has cleared all 140 credits.
- v. Since it is a continuous evaluation programme, a student shall be awarded Semester Grade Points (SGPA) at the end of the first semester Examination, and in the subsequent semesters till the fifth semester, and finally, in the sixth Semester the result will be awarded based on CGPA. No grade points will be awarded if there is any backlog present.
- vi. A student has to score a minimum grade P in his/her CIA. Failing to secure minimum marks, he/she shall have to repeat the CIA along with the students of the same semester of the next academic session.
- vii. The promoted candidate/candidates will not be awarded any SGPA/CGPA till he/she clears all the backlogs.
- viii. A promoted candidate, if he/she has passed in CIA but fails in ESE, he/she shall retain his/her CIA score and will reappear in the ESE only of the semester whenever available.
- ix. Students undertaking any UG course from SWAYAM as SEC or DSE shall be eligible for credit transfer if he/she gets a certificate for successful completion from SWAYAM.
- x. The candidate must clear the programme within maximum of five years. Academic Council may give one additional year of relaxation in case of exceptional circumstances.

Note- Special Provision:

In case of serious health problems and other strictly unavoidable circumstances, relaxation in required attendance might be condoned up to a maximum 15%, and in no case, a leaning will be entitled to avail condonation beyond.

9. Improvement of Result:

If a candidate clears Semesters I, II, III, IV and V ESE, he/she may apply for the improvement of his/her result in a maximum of two courses/papers of the entire Programme. He/she can avail this facility only in theory papers. The better of the two results will be treated as the final result of candidates in those papers.

10. Declaration of Result:

The Teacher/Examination Department shall use the following grading system:

14

和了

Zanit

Results in the form of grade points consequent upon evaluation will be awarded in the following two manners-

- At the end of each semester which will be titled as Semester Grade Point Average (SGPA).
- II. At the end of the programme, which will be titled Cumulative Grade Point Average (CGPA). The explanations for publishing results in the form of Grade points is given in Table-5.

The grading system stated below shall be used at the time of preparation of the result of the candidates who appeared at the examination

Table 4: Grading system

S.No	Letter Grade	% Range	Numerical Letter Grade	Description of Grade
1	0	≥ 90-100	10	Outstanding
2	A ⁺	≥ 80 <90	9	Excellent
3	A	≥ 75 <80	8	Very Good
4	B+	≥ 70 < 75	7	Good
5	В	≥ 60 < 70	6	Above Average
6	C	≥55 <60	5	Average
7	P	≥ 45 <55	4	Pass
8	F	< 45	0	Fail
9	Ab	0	0	Absent

There shall be a Semester Grade Point Average (SGPA) for each semester based on the Grade obtained in that Semester. The SGPA for every Semester is calculated as:

$$SGPA = \frac{\sum_{i=1}^{n} m_i o_i}{\sum_{i=1}^{n} o_i}$$

n - number of courses in a said semester

mi- the numerical value of grade obtained in the said semester

oi- number of credits for the said semester

The calculations of SGPA and CGPA is illustrated below as an example:

和丁

2 15 2 15

Table-5: SGPA and CGPA calculation

Course	Credit m _i	Grade Letter	Grade Point o _i	Credit Point (Credit X Grade)	SGPA(Credit Point/Credit)		
Semester-I							
CC-1(Th)	04	A	8	32			
CC-1(P)	02	A	8	16			
CC-2(Th)	04	B+	7	28	6.9 (138/20)		
CC-2(P)	02	B+	7	14			
AECC-1	02	В	6	12			
GE-1	06	В	6	36			
Total	20			138			
Semester-II			New York				
CC-3(Th)	04	В	6	24			
CC-3(P)	02	В	6	12	6.7 (134/20)		
CC-4	06	С	5	30			
AECC -2	02	B+	7	14			
GE-2	06	A+	9	54			
Total	20			134			
Semester-III							
CC-5(Th)	04	A+	9	36			
CC-5(P)	02	A+	9	18			
CC-6(Th)	04	0	10	40			
CC-6(P)	02	0	10	20	9.15 (238/26)		
CC-7	06	A	8	48			
SEC-1	02	A	8	16			
GE-3	06	0	10	60			
Total	26			238			
Semester-IV	I.			70			
CC-8	06	В	6	36			
CC-9(Th)	04	A+	9	36			
CC-9(P)	02	A+	9	18			
CC-10(Th)	04	В	6	24	7.38 (192/26)		
CC-10(P)	02	В	6	12			
SEC-2	02	A+	9	18			
GE-4	06	A	8	48			
Total	26			192			

16

207

That

Porce

Semester-V					
CC-11(Th)	04	В	6	24	
CC-11(P)	02	В	6	12	
CC-12	06	B+	7	42	7.75 (186/24)
DSE-1(Th)	04	0	10	40	To the second
DSE-I(P)	02	0	10	20	
DSE-2(Th)	04	A	8	32	
DSE-2(P)	02	A	8	16	
Total	24			186	
Semester-VI					
CC-13(Th)	04	A+	9	36	
CC-13(P)	02	A+	9	18	
CC-14(Th)	04	A	8	32	8.0 (192/24)
CC-14(P)	02	A	8	16	
DSE-3(Th)	04	B+	7	28	
DSE-3(P)	02	B+	7	14	
DSE-4	06	A	8	48	
Total	24			192	
Grand Total	140			1080	CGPA 7.71 (1080/140)

Semester 1	er 1 Semester 2 Semester 3		Semester 4	Semester 5	Semester 6	
Credit: 20;	Credit: 20;	Credit: 26;	Credit: 26;	Credit: 24;	Credit: 24;	
SGPA:6.9	SGPA:6.7	SGPA: 9.15	SGPA:7.38	SGPA:7.75	SGPA: 8.0	
CGPA	(20 x 6.9 + 2	$0 \times 6.7 + 26 \times 9$	$.15 + 26 \times 7.38$	+ 24 x 7.75 + 2	4 x 8.0)/ 140 = 7.7	

- > The award sheet of the students will show the grades obtained in all courses/papers offered in each semester, the SGPA/CGPA and the promotion status.
- The student shall have to obtain a minimum CGPA = 4 for the award of Bachelor Degree.

➤ The following formula shall be used to find a percentage equivalent to CGPA-% of Marks = (CGPA) X 10

17

· 1

Vinod Kumar Tiwari

Annexures Course Structure

Annexure 1.1:

Arabic

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Arabic Poetry and its genres	CC-1	6-1-0	6	100
2.	Classical Arabic Poetry	CC-2	6-1-0	6	100
3.	English Communication - Hindi / Urdu	AECC-1	2-1-0	2	100
4.	General Elective-1	GE-1	6-1-0	6	100
				Total C	redit - 2

Semester –II

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Introduction of Arabic Prose and its genres	CC-3	6-1-0	6	100
2.	Prose of Islamic and Abbasid period	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	General Elective-2	GE-2	6-1-0	6	100
4.	General Elective-2	UE-Z	0-1-0	Total C	r

Semester –III

Name of Course	Type of Course	L-T-P	Credit	Marks
Brief History of Arabic language and literature	CC-5	6-1-0	6	100
Prose and Poetry of Abbasid period	CC-6	6-1-0	6	100
Modern Arabic Poetry	CC-7	6-1-0	6	100
Skill Enhancement Course-1	SEC-1	2-1-0	2	100
General Elective-3	GE-3	6-1-0	6	100
	Brief History of Arabic language and literature Prose and Poetry of Abbasid period Modern Arabic Poetry Skill Enhancement Course-1	Brief History of Arabic language and literature Prose and Poetry of Abbasid period CC-6 Modern Arabic Poetry CC-7 Skill Enhancement Course-1 SEC-1	Brief History of Arabic language and literature Prose and Poetry of Abbasid period Modern Arabic Poetry Skill Enhancement Course-1 Course CC-5 6-1-0 CC-6 6-1-0 SEC-1 2-1-0	Brief History of Arabic language and literature Prose and Poetry of Abbasid period CC-5 CO-7 CC-7 CC-7

18

\$67

Zuite

March

Semester -IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Modern Arabic Prose	CC-8	6-1-0	6	100
2.	Arabic Grammar	CC-9	6-1-0	6	100
3.	Ilmul-Balagat Rheotoric	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	General Elective-4	GE-4	6-1-0	6	100
				Tota	Credit -

Semester -V

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Ilmul-Urooz Prosody	CC-11	6-1-0	6	100
2.	Translation	CC-12	6-1-0	6	100
3.	Discipline Specific Elective-	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective-	DSE-2	6-1-0	6	100

Semester -VI

Name of Course	Type of Course	L-T-P	Credit	Marks
History of Islam upto Abbasid period	CC-13	6-1-0	6	100
Arabic Composition	CC-14	6-1-0	6	100
Discipline Specific Elective-3	DSE-3	6-1-0	6	100
Discipline Specific Elective-4 (Project / Dissertation)	DSE-4	0-0-6	6	100
	History of Islam upto Abbasid period Arabic Composition Discipline Specific Elective-3 Discipline Specific Elective-4	History of Islam upto Abbasid period Arabic Composition CC-14 Discipline Specific Elective-3 Discipline Specific Elective-4 DSE-4	History of Islam upto Abbasid period Arabic Composition CC-14 CC-14 CC-14 CC-14 CC-14 CC-14 CC-1-0 Discipline Specific Elective-3 DSE-3 DSE-3 DSE-4 O-0-6	Course Course History of Islam upto CC-13 6-1-0 6 Abbasid period CC-14 6-1-0 6 Discipline Specific Elective-3 DSE-3 6-1-0 6 Discipline Specific Elective-4 DSE-4 0-0-6 6

Total Credits - 140

*L/Γ/P: Number of classes per week

10

Zunde

Prince

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Bangla Sahityer Itihas (Prachin&Madhyayug)	CC-1	6-1-0	6	100
2.	Bhasa Tattwa	CC-2	6-1-0	6	100
3.	MIL/English Communication	AECC-1	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100
				Total C	redit - 2

Semester –II

Name of Course	Type of Course	L-T-P	Credit	Marks
BaishnabPadabali O Madhya Youger Kabya	CC-3	6-1-0	6	100
Madhya Youger Kabya – kobita	CC-4	6-1-0	6	100
Environmental Science	AECC-2	2-1-0	2	100
Generic Elective-2	GE-2	6-1-0	6	100
	BaishnabPadabali O Madhya Youger Kabya Madhya Youger Kabya – kobita Environmental Science	BaishnabPadabali O Madhya Youger Kabya Madhya Youger Kabya — CC-4 kobita Environmental Science AECC-2	BaishnabPadabali O Madhya Youger Kabya Madhya Youger Kabya — CC-4 kobita Environmental Science AECC-2 2-1-0	BaishnabPadabali O Madhya Youger Kabya Madhya Youger Kabya — CC-4 6-1-0 6 Environmental Science AECC-2 2-1-0 2

Semester -III

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Bangla Sahityer Itihas (1800-1950)	CC-5	6-1-0	6	100
2.	Chanda o Alankar	CC-6	6-1-0	6	100
3.	Unish Shataker Kavya	CC-7	6-1-0	6	100
4.	Skill Enhancement Course- 1	SEC-1	2-1-0	2	100
5.	Generic Elective-3	GE-3	6-1-0	6	100
				Total (redit - 2

20

出丁

Trail

Ame

Semester -IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Upanyas	CC-8	6-1-0	6	100
2.	Kabita	CC-9	6-1-0	6	100
3.	Natak	CC-10	6-1-0	6	100
4.	Skill Enhancement Course	SEC-2	2-1-0	2	100
5.	Generic Elective -4	GE- 4	6-1-0	6	100
				Total C	redit - 2

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Galpa (Short Story)	CC-11	6-1-0	6	100
2.	Prabandha O Prashatya Kavya tattwa	CC-12	6-1-0	6	100
3.	Discipline Specific Course 1	DSE 1	6-1-0	6	100
4.	Discipline Specific Course 2	DSE 2	6-1-0	6	100

Semester -VI

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Sanskrita O Engreji Sahityuer Itihas	CC-13	6-1-0	6	100
2.	Sahitya Rup- Riti	CC-14	6-1-0	6	100
3.	Discipline Specific Course-3	DSE 3	6-1-0	6	100
4.	Discipline Specific Course-4 (Project/Dissertation)	DSE-4	0-0-6	6	100
				Total C	redit - 2

Total Credits – 140

21 2/10/6

Vinod Kumar Tiwari Officer on Special Duty (Judicial)

Money

Semester-I

Name of Course	Type of Course	L-T-P	Credit	Marks
Indian Classical Literature	CC-1	6-1-0	6	100
European Classical Literature	CC-2	6-1-0	6	100
English Communication/ MIL	AECC- 1	2-1-0	2	100
Generic Elective-1	GE-1	6-1-0	6	100
	Indian Classical Literature European Classical Literature English Communication/ MIL	Indian Classical Literature CC-1 European Classical Literature CC-2 English Communication/ AECC-1 MIL	Indian Classical Literature CC-1 6-1-0 European Classical Literature CC-2 6-1-0 English Communication/ AECC-1 2-1-0 MIL	Course Indian Classical Literature CC-1 6-1-0 6 European Classical Literature CC-2 6-1-0 6 English Communication/ AECC-1 2-1-0 2

Semester –II

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Indian Writing in English	CC-3	6-1-0	6	100
2.	British Poetry and Drama: 14 th to 17 th Centuries	CC-4	6-1-0	6	100
3.	Environmental Science	AECC- 2	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100

Semester -III

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	American Literature	CC-5	6-1-0	6	100
2.	Language & Linguistics	CC-6	6-1-0	6	100
3.	British Poetry and Drama: 17th Century	CC-7	6-1-0	6	100
4.	Skill Enhancement Course- 1	SEC-1	2-1-0	2	100
5.	Generic Elective-3	GE-3	6-1-0	6	100
				Total C	redit - 2

22

5mil

Admin

Semester -IV

Name of Course	Type of Course	L-T-P	Credit	Marks
British Literature: 18th Century	CC-8	6-1-0	6	100
British Romantic Literature	CC-9	6-1-0	6	100
British Literature: 19 th Century	CC-10	6-1-0	6	100
Skill Enhancement Course- 2	SEC-2	2-1-0	2	100
Generic Elective-4	GE-4	6-1-0	6	100
	British Literature: 18 th Century British Romantic Literature British Literature: 19 th Century Skill Enhancement Course- 2	British Literature: 18th CC-8 Century British Romantic Literature CC-9 British Literature: 19th CC-10 Century Skill Enhancement Course- 2 SEC-2	British Literature: 18th Century British Romantic Literature CC-9 British Literature: 19th Century Skill Enhancement Course- 2 Course CC-8 6-1-0 6-1-0 6-1-0 SEC-2 2-1-0	British Literature: 18th CC-8 6-1-0 6 Century British Romantic Literature CC-9 6-1-0 6 British Literature: 19th CC-10 6-1-0 6 Century Skill Enhancement Course- 2 SEC-2 2-1-0 2

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Women's Writing	CC-11	6-1-0	6	100
2.	British Literature: The Early 20th Century	CC-12	6-1-0	6	100
3.	Discipline Specific Course-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Course-2	DSE-2	6-1-0	6	100

Semester -VI

Name of Course	Type of Course	L-T-P	Credit	Marks
Modern European Drama	CC-13	6-1-0	6	100
Postcolonial Literatures	CC-14	6-1-0	6	100
Discipline Specific Course-3	DSE-3	6-1-0	6	100
Discipline Specific Course-4 (Project/Dissertation)	DSE-4	0-0-6	6	100
	Modern European Drama Postcolonial Literatures Discipline Specific Course-3 Discipline Specific Course-4	Modern European Drama CC-13 Postcolonial Literatures CC-14 Discipline Specific Course-3 DSE-3 Discipline Specific Course-4 DSE-4	Modern European Drama CC-13 6-1-0 Postcolonial Literatures CC-14 6-1-0 Discipline Specific Course-3 DSE-3 6-1-0 Discipline Specific Course-4 DSE-4 0-0-6	Course Course

Total Credits – 140

23 Breeze

Annexure 1.4:

Hindi

Semester-I

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Sahitya Ka Itihas (Reetikaal Tak)	CC-1	6-1-0	6	100
2.	Adi Kaleen and Madhya KaleenHindi Kavita	CC-2	6-1-0	6	100
3.	English Communication/MIL	AECC-I	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100

Semester-II

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Sahitya ka Itihas(Adhunik Kaal)	CC-3	6-1-0	6	100
2.	Adhunik Hindi Kavita(Chhayavaad Tak)	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-II	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100

Semester-III

SI. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Chhayavadottar Hindi Kavita	CC-5	6-1-0	6	100
2.	Bhartiya Aur Paschatya Kavyashastra	CC-6	6-1-0	6	100
3.	Hindi Ki Sahityik Vidhayen :Udhbhav Aur Vikas	CC-7	6-1-0	6	100
4.	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5.	Generic Elective-3	GE-3	6-1-0	6	100
				Total Cre	dit - 26

2/1

10T Z

)

Semester-IV

SI. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Bhasha : Udhbhav Aur Vikas	CC-8	6-1-0	6	100
2.	Hindi Upanyas	CC-9	6-1-0	6	100
3.	Hindi Kahani	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	Generic Elective-4	GE-4	6-1-0	6	100

Semester-V

Sl. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Natak Evam Rangmanch	CC-11	6-1-0	6	100
2.	Hindi Nivandha Aur Anya Gadya Vidhayein	CC-12	6-1-0	6	100
3.	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective-2	DSE-2	6-1-0	6	100

Semester-VI

Name of Course	Type of Course	L-T-P	Credit	Marks
Hindi Ki Sahityik Patrakarita	CC-13	6-1-0	6	100
Prayojanmulak Hindi	CC-14	6-1-0	6	100
Discipline Specific Elective-3	DSE-3	6-1-0	6	100
Discipline Specific Eletive-4 (Dissertation/Project Work)	DSE-4	0-0-6	6	100
	Hindi Ki Sahityik Patrakarita Prayojanmulak Hindi Discipline Specific Elective-3 Discipline Specific Eletive-4	Hindi Ki Sahityik Patrakarita CC-13 Prayojanmulak Hindi CC-14 Discipline Specific Elective-3 DSE-3 Discipline Specific Eletive-4 DSE-4	Hindi Ki Sahityik Patrakarita CC-13 6-1-0 Prayojanmulak Hindi CC-14 6-1-0 Discipline Specific Elective-3 DSE-3 6-1-0 Discipline Specific Eletive-4 DSE-4 0-0-6	Course Hindi Ki Sahityik Patrakarita CC-13 6-1-0 6

Total Credit = 140

25

Zinh

Barre

Annexure 1.5:

Maithili

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	मैथिली साहित्यक (आदिकाल)	CC-1	6-1-0	6	100
2.	भाषा विज्ञान	CC-2	6-1-0	6	100
3.	मिथिलाक्षर आ देवनागरी मैथिली	AECC-1	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100

Semester -II

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	काव्य शास्त्र और रचना प्रक्रिया	CC-3	6-1-0	6	100
2.	मैथिली गद्य साहित्य	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100

Semester -III

Name of Course	Type of Course	L-T-P	Credit	Marks
मैथिली साहित्यक इतिहास (मध्यकाल)	CC-5	6-1-0	6	100
मध्यकालीन नाटक	CC-6	6-1-0	6	100
मध्यकालीन काव्य	CC-7	6-1-0	6	100
Skill Enhancement Course-1	SEC-1	2-1-0	2	100
Generic Elective-3	GE-3	6-1-0	6	100
	मैथिली साहित्यक इतिहास (मध्यकाल) मध्यकालीन नाटक मध्यकालीन काव्य Skill Enhancement Course-1	मैथिली साहित्यक इतिहास CC-5 (मध्यकाल) CC-6 मध्यकालीन नाटक CC-6 मध्यकालीन काव्य CC-7 Skill Enhancement Course-1 SEC-1	Course मैथिली साहित्यक इतिहास (मध्यकाल) CC-5 6-1-0 मध्यकालीन नाटक CC-6 6-1-0 मध्यकालीन काव्य CC-7 6-1-0 Skill Enhancement Course-1 SEC-1 2-1-0	Course मैथिली साहित्यक इतिहास (मध्यकाल) CC-5 6-1-0 6 मध्यकालीन नाटक CC-6 6-1-0 6 मध्यकालीन काव्य CC-7 6-1-0 6 Skill Enhancement Course-1 SEC-1 2-1-0 2

26

为丁

Think -

Box

Vined Kumar Tiwari Officer on Search Outy (Judicial)

Semester -IV

Name of Course	Type of Course	L-T-P	Credit	Marks
मेथिली साहित्यक इतिहास (आधुनिककाल)	CC-8	6-1-0	6	100
मुक्तक काव्य	CC-9	6-1-0	6	100
रमालोचना एवं पत्र-पत्रिका	CC-10	6-1-0	6	100
Skill Enhancement Course-2	SEC-2	2-1-0	2	100
Generic Elective-4	GE-4	6-1-0	6	100
	मैथिली साहित्यक इतिहास (आधुनिककाल) मुक्तक काव्य स्मालोबना एवं पत्र—पत्रिका Skill Enhancement Course-2	Course मैथिली साहित्यक इतिहास (आधुनिककाल) CC-8 मुक्तक काव्य CC-9 स्मालीयना एवं पत्र—पत्रिका CC-10 Skill Enhancement Course-2 SEC-2	Course मैथिली साहित्यक इतिहास (आधुनिककाल) CC-8 6-1-0 मुक्तक काव्य स्मालीयना एवं पत्र—पत्रिका CC-9 6-1-0 Skill Enhancement Course-2 SEC-2 2-1-0	Course मैथिली साहित्यक इतिहास (आधुनिककाल) CC-8 6-1-0 6 मुक्तक काव्य CC-9 6-1-0 6 स्मालीयना एवं पत्र—पत्रिका CC-10 6-1-0 6 Skill Enhancement Course-2 SEC-2 2-1-0 2

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	अनुवाद विज्ञान और व्याकरण	CC-11	6-1-0	6	100
2.	महाकाव्य एवं खण्डकाव्य	CC-12	6-1-0	6	100
3.	Discipline Specific Eletive-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Eletive-2	DSE-2	6-1-0	6	100

Semester -VI

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	लोक साहित्य	CC-13	6-1-0	6	100
2.	मैथिली उपन्यास साहित्य	CC-14	6-1-0	6	100
3.	Discipline Specific Eletive-3	DSE-3	6-1-0	- 6	100
4.	Discipline Specific Eletive-4 (Dissertation/Project Work)	DSE-4	0-0-6	6	100

Total Credits - 140

27

Zin h

Vined Kumar Tiwari Officer on The Study (Judicial)

Semester - I

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Fundamentals of Music (Th)	CC-1 (Th)	6-1-0	6	100
2	Practical Paper-I	CC-2 (P)	0-0-6	6	100
3	English Communication/MIL	AECC-1	2-1-0	2	100
4	Generic Elective- 1	GE- 1	6-1-0	6	100
7	Generic Electives 1	OL-1	0-1-0	Total C	ľ

Semester - II

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Applied Theory – I (Th)	CC-3 (Th)	6-1-0	6	100
2	Practical Paper-II (P)	CC-4 (P)	0-0-6	6	100
3	Environmental Science	AECC-2	2-1-0	2	100
4	Generic Elective- 2	GE- 2	6-1-0	6	100

Semester – III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Principle of Music-I (Th)	CC-5 (Th)	6-1-0	6	100
2	Applied Theory-II (Th)	CC-6 (Th)	6-1-0	6	100
3	Practical Paper-III (P)	CC-7 (P)	0-0-6	6	100
4	Skill Enhancement Course-1	SEC- 1	2-1-0	2	100
5	Generic Elective- 3	GE-3	6-1-0	6	100

28 Sjurt

Semester - IV

SI. No.	Name of the Course Type of Course		L-T-P	Credit	Marks	
1	Principle of Music-II (Th)	CC-8 (Th)	6-1-0	6	100	
2	Applied Theory-III (Th)	CC-9(Th)	6-1-0	6	100	
3	Practical Paper-IV (P)	CC-10(P)	0-0-6	6	100	
4	Skill Enhancement Course-2	SEC- 2	2-1-0	2		
5	Generic Elective-4	GE- 4	6-1-0	6	100	
				Total C	redit - 2	

Semester - V

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Principle of Music-III (Th)	CC-11 (Th)	6-1-0	6	100
2	Practical Paper-V (P)	CC-12 (P)	0-0-6	6	100
3	Discipline Specific Elective-1	DSE- I	6-1-0	6	100
4	Discipline Specific Elective-2	DSE- 2	6-1-0	6	100

Semester – VI

Sl. No.	Name of the Course	Type of L-T-F Course			Credit	Marks
1	Applied Theory-IV (Th)	CC-13 (Th)	6-1-0	6	100	
2	Practical Paper-VI (P)	CC-14 (P)	0-0-6	6	100	
3	Discipline Specific Elective- 3	e- 3 DSE- 3 6-	6-1-0	6	100	
4	Discipline Specific Elective- 4 (Dissertation /Project)	DSE- 4	0-0-6	6	100	
				Total C	redit - 2	

Total Credits – 140

20

Zwit

Annexure 1.7:

Persian

Semester-I

6-1-0	6	100
6-1-0	6	100
1 2-1-0	2	100
6-1-0	6	100
1	1 6-1-0	1 6-1-0 6 Total C

Semester –II

	Type of Course	L-T-P	Credit	Marks
Modern Persian Poetry	CC-3	6-1-0	6	100
Modern Persian Prose	CC-4	6-1-0	6	100
Environmental Science	AECC-2	2-1-0	2	100
Generic Elective -2	GE-2	6-1-0	6	100
	Modern Persian Prose Environmental Science	Modern Persian Poetry CC-3 Modern Persian Prose CC-4 Environmental Science AECC-2	Modern Persian Poetry CC-3 6-1-0 Modern Persian Prose CC-4 6-1-0 Environmental Science AECC-2 2-1-0	Modern Persian PoetryCC-36-1-06Modern Persian ProseCC-46-1-06Environmental ScienceAECC-22-1-02

Semester -III

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Classical Persian Prose	CC-5	6-1-0	6	100
2.	Classical Persian Poetry	CC-6	6-1-0	6	100
3.	Persian in India CC-7	CC-7	6-1-0	6	100
4.	Skill Enhancement Course -1	SEC-1	2-1-0	2	100
5.	Generic Elective -3	GE-3	6-1-0	6	100

Vinod Kumar Tiwari Organia (Judicial)

Semester -IV

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Persian Ghazal	CC-8	6-1-0	6	100
2.	Persian Masnawi	CC-9	6-1-0	6	100
3.	Persian Rubayi	CC-10	6-1-0	6	100
4.	Skill Enhancement Course -2	SEC-2	2-1-0	2	100
5.	Generic Elective -4	GE-4	6-1-0	6	100
				Tota	Credit -

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Persian Drama	CC-11	6-1-0	6	100
2.	Persian Short Stories	CC-12	6-1-0	6	100
3.	Discipline Specific Elective -1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective -2	DSE-2	6-1-0	6	100

Semester -VI

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Essay, Composition and Prosody	CC-13	6-1-0	6	100
2.	Translation and Interpretation	CC-14	6-1-0	6	100
3.	Discipline Specific Elective -3	DSE-3	6-1-0	6	100
4.	Discipline Specific Elective- 4 (Project)	DSE-4	0-0-6	6	100

Total Credits - 140

21

The Am

More

Vined Kumar Tiwari (Judicial)

Annexure 1.8:

Philosophy

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Deductive Logic	CC-1	6-1-0	6	100
2.	Scientific Method	CC-2	6-1-0	6	100
3.	English Communication	AECC-1	2-1-0	2	100
4.	Generic Elective -1	GE-1	6-1-0	6	100
				Total C	redit - 20

Semester -II

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Epistemology	CC-3	6-1-0	6	100
2.	Metaphysics	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	Generic Elective -2	GE-2	6-1-0	6	100
-11	Control of the Control of the Control of the Control of			Total C	redit - 20

Semester -III

	Course			
Western Ethics	CC-5	6-1-0	6	100
Indian Ethics	CC-6	6-1-0	6	100
Ancient Indian Philosophy	CC-7	6-1-0	6	100
Skill Enhancement Course -1	SEC-1	2-1-0	2	100
Generic Elective -3	GE-3	6-1-0	6	100
	Indian Ethics Ancient Indian Philosophy Skill Enhancement Course -1	Western Ethics CC-5 Indian Ethics CC-6 Ancient Indian Philosophy CC-7 Skill Enhancement Course -1 SEC-1	Western Ethics CC-5 6-1-0 Indian Ethics CC-6 6-1-0 Ancient Indian Philosophy CC-7 6-1-0 Skill Enhancement Course -1 SEC-1 2-1-0	Western Ethics CC-5 6-1-0 6 Indian Ethics CC-6 6-1-0 6 Ancient Indian Philosophy CC-7 6-1-0 6 Skill Enhancement Course -1 SEC-1 2-1-0 2

金厂

32

Frank

March

Vined Kumar Tiwari

			-	
Sai	mesi	tor		W

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Medieval Indian Philosophy	CC-8	6-1-0	6	100
2.	Modern Western Philosophy	CC-9	6-1-0	6	100
3.	Philosophy of Religion	CC-10	6-1-0	6	100
4.	Skill Enhancement Course -2	SEC-2	2-1-0	2	100
5.	Generic Elective -4	GE-4	6-1-0	6	100

Semester -

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Social Philosophy	CC-11	6-1-0	6	100
2.	Political Philosophy	CC-12	6-1-0	6	100
3.	Discipline Specific Elective -1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective -2	DSE-2	6-1-0	6	100
				Total Cr	edit - 24

Semester -VI

SI	No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1	. Syr	mbolic Logic	CC-13	6-1-0	6	100
2	. Phi	ilosophical Analysis	CC-14	6-1-0	6	100
3	. Dis	scipline Specific Elective -3	DSE-3	6-1-0	6	100
4		scipline Specific Elective- 4 assertation)	DSE-4	0-0-6	6	100

Total Credits - 140

() Some

SOT

Zirth.

Annexure 1.9:

Sanskrit

Semester-I

Name of Course	Type of Course	L-T-P	Credit	Marks
संस्कृत काव्य	CC-1	6-1-0	6	100
व्याकरण -संज्ञा, स्वर संधि, अनुवाद	CC-2	6-1-0	6	100
MIL/English Communication	AECC-1	2-1-0	2	100
Generic Elective-1	GE-1	6-1-0	6	100
	संस्कृत काव्य व्याकरण -संज्ञा, स्वर संधि, अनुवाद MIL/English Communication	संस्कृत काव्यCC-1व्याकरण -संज्ञा, स्वर संधि, अनुवादCC-2MIL/English CommunicationAECC-1	Courseसंस्कृत काव्यCC-16-1-0व्याकरण -संज्ञा, स्वर संधि, अनुवादCC-26-1-0MIL/English CommunicationAECC-12-1-0	Course संस्कृत काव्य CC-1 6-1-0 6 व्याकरण -संज्ञा, स्वर संधि, अनुवाद CC-2 6-1-0 6 MIL/English Communication AECC-1 2-1-0 2

Semester -II

	Type of Course	L-T-P	Credit	Marks
संस्कृत गद्यसाहित्य	CC-3	6-1-0	6	100
व्याकरण - हल् संधि, लकार परिचय, अनुवाद	CC-4	6-1-0	6	100
पर्यावरण विज्ञान	AECC-2	2-1-0	2	100
Generic Elective-2	GE-2	6-1-0	6	100
	व्याकरण - हल् संधि, लकार परिचय, अनुवाद पर्यावरण विज्ञान	संस्कृत गद्यसाहित्य CC-3 व्याकरण - हल् संधि, लकार परिचय, अनुवाद पर्यावरण विज्ञान AECC-2	संस्कृत गद्यसाहित्य CC-3 6-1-0 व्याकरण - हल् संधि, लकार परिचय, अनुवाद पर्यावरण विज्ञान AECC-2 2-1-0	संस्कृत गद्यसाहित्य CC-3 6-1-0 6 व्याकरण - हल् संधि, लकार परिचय, अनुवाद पर्यावरण विज्ञान AECC-2 2-1-0 2

Semester -III

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	संस्कृत नाटक	CC-5	6-1-0	6	100
2.	काव्यशास्त्र	CC-6	6-1-0	6	100
3.	व्याकरण -कारक एवं वाच्य	CC-7	6-1-0	6	100
4.	Skill Enhancement Course-1	SEC- I	2-1-0	2	100
5.	Generic Elective 3	GE-3	6-1-0	6	100

0.4

200

Trial.

Proc

Vinod Kumar Tiwari

Semester -IV

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	संस्कृत साहित्य का इतिहास	CC-8	6-1-0	6	100
2.	गीता बोध	CC-9	6-1-0	6	100
3.	व्याकरण समास प्रकरण	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	Generic Elective -4	GE- 4	6-1-0	6	100

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	वैदिक साहित्य	CC-11	6-1-0	6	100
2.	व्याकरण प्रत्यय	CC-12	6-1-0	6	100
3.	Discipline Specific Course 1	DSE I	6-1-0	6	100
4.	Discipline Specific Course 2	DSE 2	6-1-0	6	100

Semester -VI

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	महाकाव्य	CC-13	6-1-0	6	100
2.	संस्कृत निबंध तथा अनुवाद	CC-14	6-1-0	6	100
3.	Discipline Specific Course 3	DSE 3	6-1-0	6	100
4.	Discipline Specific Course 4 (Project/Dissertation)	DSE-4	0-0-6	6	100

Total Credits - 140

35 Traph

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Study of Urdu Fiction	CC-1	6-1-0	6	100
2.	Study of Non-Fiction Prose in Urdu	CC-2	6-1-0	6	100
3.	English Communication - Hindi / Urdu	AECC-1	2-1-0	2	100
4.	General Elective-	GE-1	6-1-0	-6	100
				Total C	redit - 2

Semester -II

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Study of Urdu Nazm	CC-3	6-1-0	6	100
2.	Study of Urdu Ghazal	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	General Elective-2	GE-2	6-1-0	6	100

Semester -III

Name of Course	Type of Course	L-T-P	Credit	Marks
Study of Urdu Masnavi, Marsiya & Qasida	CC-5	6-1-0	6	100
Study of Urdu Criticism	CC-6	6-1-0	6	100
Study of Urdu Tanz-O-Mazah	CC-7	6-1-0	6	100
Skill Enhancement Course-1	SEC-1	2-1-0	2	100
General Elective-3	GE-3	6-1-0	6	100
	Marsiya & Qasida Study of Urdu Criticism Study of Urdu Tanz-O-Mazah Skill Enhancement Course-1	Study of Urdu Masnavi, Marsiya & Qasida Study of Urdu Criticism CC-6 Study of Urdu Tanz-O-Mazah CC-7 Skill Enhancement Course-1 SEC-1	Course Course Study of Urdu Masnavi, Marsiya & Qasida CC-5 6-1-0 Study of Urdu Criticism CC-6 6-1-0 Study of Urdu Tanz-O-Mazah CC-7 6-1-0 Skill Enhancement Course-1 SEC-1 2-1-0	Course Study of Urdu Masnavi, Marsiya & Qasida CC-5 6-1-0 6 Study of Urdu Criticism CC-6 6-1-0 6 Study of Urdu Tanz-O-Mazah CC-7 6-1-0 6 Skill Enhancement Course-1 SEC-1 2-1-0 2

36

57

Zugh

Box

Semester -IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Study of Mirza Ghalib	CC-8	6-1-0	6	100
2.	Study of Urdu Zaban-o- Adab Ki Tarikh	CC-9	6-1-0	6	100
3.	Study of Arooz-o-Balaghat & Translation	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	General Elective-4	GE-4	6-1-0	6	100

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Study of Sir Syed	CC-11	6-1-0	6	100
2.	Study of Allama Iqbal	CC-12	6-1-0	6	100
3.	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective-2	DSE-2	6-1-0	6	100

Semester -VI

Name of Course	Type of Course	L-T-P	Credit	Marks
Study of Prem Chand	CC-13	6-1-0	6	100
Study of Bihar School	CC-14	6-1-0	6	100
Discipline Specific Elective-3	DSE-3	6-1-0	6	100
Discipline Specific Course 4 Project / Dissertation	DSE-4	0-0-6	6	100
	Study of Prem Chand Study of Bihar School Discipline Specific Elective-3 Discipline Specific Course 4	Study of Prem Chand CC-13 Study of Bihar School CC-14 Discipline Specific Elective-3 DSE-3 Discipline Specific Course 4 DSE-4	Study of Prem Chand CC-13 6-1-0 Study of Bihar School CC-14 6-1-0 Discipline Specific Elective-3 DSE-3 6-1-0 Discipline Specific Course 4 DSE-4 0-0-6	Study of Prem Chand CC-13 6-1-0 6 Study of Bihar School CC-14 6-1-0 6 Discipline Specific Elective-3 DSE-3 6-1-0 6 Discipline Specific Course 4 DSE-4 0-0-6 6

Total Credits – 140

27

Tright

Annexure 1.11:

Ancient Indian History & Archaeology

Semester-I

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Political History of India (From Indus Valley Civilization to 319 A.D.)	CC-1	6-1-0	6	100
2.	Political History of India (From 319 A.D 1206 A.D.)	CC-2	6-1-0	6	100
3.	English Communication/ MIL	AECC-1	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100
				Total C	redit - 2

Semester -II

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Socio-Economic History of Ancient India (From Earliest time to 647 A.D.)	CC-3	6-1-0	6	100
2.	Ancient Indian Art & Architecture	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	Generic Electiv-2	GE-2	6-1-0	6	100
				Total C	redit - 2

Semester -III

nt Indian Epigraphy	CC-5	7 . 0		
		6-1-0	6	100
Indian Numismatics	CC-6	6-1-0	6	100
Indian Religion & Philosophy	CC-7	6-1-0	6	100
hancement Course- 1	SEC- 1	2-1-0	2	100
Elective-3	GE-3	6-1-0	6	100
1	Indian Religion & Philosophy Thancement Course- 1 Elective-3	t Indian Religion & Philosophy CC-7 chancement Course- 1 SEC- 1	t Indian Religion & Philosophy CC-7 6-1-0 chancement Course- 1 SEC- 1 2-1-0	t Indian Religion & Philosophy CC-7 6-1-0 6 Thancement Course- 1 SEC- 1 2-1-0 2

AT

38

Sinh

Bre

Semester -IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Concept and Technique of Archaeology& Excavated Archaeological Sites	CC-8	6-1-0	6	100
2.	Ancient Indian Polity& Administration	CC-9	6-1-0	6	100
3.	Ancient World Civilizations (up to 600 B.C.)	CC-10	6-1-0	6	100
4.	Skill Enhancement Course	SEC-2	2-1-0	2	100
5.	Generic Elective -4	GE-4	6-1-0	6	100

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Museology and Tourism	CC-11	6-1-0	6	100
2.	History & Cultural Heritage of Ancient Bihar	CC-12	6-1-0	6	100
3.	Discipline Specific Course 1	DSE 1	6-1-0	6	100
4.	Discipline Specific Course 2	DSE 2	6-1-0	6	100

Semester -VI

Name of Course	Type of Course	L-T-P	Credit	Marks
Pre And Proto History of India & Ancient Indian Potteries	CC-13	6-1-0	6	100
Political History of South India : 750 A.D. to 13th Century A.D	CC-14	6-1-0	6	100
Discipline Specific Course 3	DSE-3	6-1-0	6	100
Discipline Specific Course 4 (Project/Dissertation)	DSE-4	0-0-6	6	100
	Pre And Proto History of India & Ancient Indian Potteries Political History of South India: 750 A.D. to 13th Century A.D Discipline Specific Course 3 Discipline Specific Course 4	Pre And Proto History of India & CC-13 Ancient Indian Potteries Political History of South India: CC-14 750 A.D. to 13th Century A.D Discipline Specific Course 3 Discipline Specific Course 4 DSE-3	Pre And Proto History of India & CC-13 6-1-0 Ancient Indian Potteries Political History of South India: CC-14 6-1-0 750 A.D. to 13th Century A.D Discipline Specific Course 3 DSE-3 6-1-0 Discipline Specific Course 4 DSE-4 0-0-6	Pre And Proto History of India & CC-13 6-1-0 6 Ancient Indian Potteries Political History of South India: CC-14 6-1-0 6 750 A.D. to 13th Century A.D Discipline Specific Course 3 DSE-3 6-1-0 6 Discipline Specific Course 4 DSE-4 0-0-6 6

39

和广

Tyrish

Bours

Annexure 1.12:

Economics

Semester-I

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Introductory Microeconomics	CC-1	6-1-0	6	100
2.	Mathematical Methods in Economics 1	CC-2	6-1-0	6	100
3.	English Communication	AECC-1	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100

Semester -II

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Introductory Macroeconomics	CC-3	6-1-0	6	100
2.	Statistical Methods in Economics 2	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100
				Total C	redit - 2

Semester –III

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Intermediate Microeconomics 1	CC-5	6-1-0	6	100
2.	Intermediate Microeconomics 1	CC-6	6-1-0	6	100
3.	Statistical Methods for Economics	CC-7	6-1-0	6	100
4.	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5.	Generic Elective- 3	GE-3	6-1-0	6	100
				Total C	redit - 2

40

松丁

Town The

Buc

Semester-IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Intermediate Microeconomics 2	CC-8	6-1-0	6	100
2.	Intermediate Microeconomics 2	CC-9	6-1-0	6	100
3.	International Economics	CC-10	6-1-0	6	100
4.	Skill Enhancement Course- 2	SEC-2	2-1-0	2	100
5.	Generic Elective- 4	GE-4	6-1-0	6	100

Semester -V

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Indian Economy 1	CC-11	6-1-0	6	100
2.	Development Economics	CC-12	6-1-0	6	100
3.	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective-2	DSE-2	6-1-0	6	100

Semester -VI

Name of Course	Type of Course	L-T-P	Credit	Mark
Indian Economy 2	CC-13	6-1-0	6	100
Public Economics	CC-14	6-1-0	6	100
Discipline Specific Elective-3	DSE-3	6-1-0	6	100
Discipline Specific Elective-4 (Project/Dissertation)	DSE-4	0-0-6	6	100
	Indian Economy 2 Public Economics Discipline Specific Elective-3 Discipline Specific Elective-4	Indian Economy 2 CC-13 Public Economics CC-14 Discipline Specific Elective-3 DSE-3 Discipline Specific Elective-4 DSE-4	Indian Economy 2 CC-13 6-1-0 Public Economics CC-14 6-1-0 Discipline Specific Elective-3 DSE-3 6-1-0 Discipline Specific Elective-4 DSE-4 0-0-6	Course Course

Total Credits - 140

Semester-I

Sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Geomorphology (Th)	CC-1.	6-1-0	6	100
2.	Cartographic Techniques (Th)	CC-2 (Th)	4-1-0	4	100
3.	Cartographic Techniques (P)	CC-2(P)	0-0-6	2	100
4.	English Communication/MIL	AECC-1	2-1-0	2	100
5.	Generic Elective- 1	GE- 1	6-1-0	6	100
				Total C	redit - 2

Semester –II

Name of Course	Type of Course	L-T-P	Credit	Marks
Human Geography (Th)	CC-3 (Th)	6-1-0	6	100
Cartograms, Thematic Mapping, and Surveying (Th)	CC-4 (Th)	4-1-0	4	100
Cartograms, Thematic Mapping, and Surveying (P)	CC-4(P)	0-0-6	2	100
Environmental Science	AECC-2	2-1-0	2	100
Generic Elective- 2 (Th)	GE-2	6-1-0	6	100
	Human Geography (Th) Cartograms, Thematic Mapping, and Surveying (Th) Cartograms, Thematic Mapping, and Surveying (P) Environmental Science	Human Geography (Th) Cartograms, Thematic Mapping, and Surveying (Th) Cartograms, Thematic Mapping, and Surveying (P) Environmental Science CC-3 (Th) CC-4 (Th) CC-4(P) AECC-2	Human Geography (Th) Cartograms, Thematic Mapping, and Surveying (Th) Cartograms, Thematic Mapping, and Surveying (P) Environmental Science CC-3 (Th) 6-1-0 CC-4 (Th) 4-1-0 CC-4(P) 0-0-6 AECC-2 2-1-0	Human Geography (Th) CC-3 (Th) Cartograms, Thematic Mapping, and Surveying (Th) Cartograms, Thematic Mapping, and Surveying (P) Environmental Science CC-3 (Th) CC-4 (Th) 4-1-0 4 CC-4(P) 0-0-6 2 Environmental Science AECC-2 2-1-0 2

Semester -III

2. 3. 4. 5.	Climatology & Oceanography (Th) Geography of India & Bihar (Th) Statistical Methods in Geography (Th) Statistical Methods in Geography (P) Skill Enhancement Course- 1 Generic Elective- 3	CC-5 CC-6 CC-7 (Th) CC-7 (P) SEC-1	6-1-0 6-1-0 4-1-0 0-0-4	6 6 4 2	100 100 100
3. 4. 5.	Statistical Methods in Geography (Th) Statistical Methods in Geography (P) Skill Enhancement Course- 1	CC-7 (Th)	4-1-0	4	
4.	Statistical Methods in Geography (P) Skill Enhancement Course- 1	CC-7 (P)		**	100
5.	Skill Enhancement Course- 1	3.3	0-0-4	2	
		SEC-1		4	100
6.	Generic Elective- 3		2-1-0	2	100
		GE-2	6-1-0	6	100
				Total C	redit - 26
	Do Tinh	ā	C.	Inod K	umar ecial Di

Semester-IV

SI No.	Name of Course	Type of Course	L-T-P	Credit	Marks
	Community (Th)	CC-8	6-1-0	6	100
1.	Economics Geography (Th)	**************************************	(10	6	100
2.	Environmental Geography (Th)	CC-9	6-1-0	0	
3.	Research Methodology & Field Work	CC-10 Th)	4-1-0	4	100
4.	(Th) Research Methodology & Field Work	CC-10 (P)	0-0-4	2	100
	(P) Skill Enhancement Course- 2	SEC-2	2-1-0	2	100
5.		CE 4	6-1-0	6	100
6.	Generic Elective- 4	GE-4	0-1-0	Total C	

Semester -V

Sl	Name of Course	Type of Course	L-T-P	Credit	Marks
No.	1 Development (Th)	CC-11	6-1-0	6	100
1.	Regional Planning and Development (Th)		410	1	100
2.	Remote Sensing and GIS (Th)	CC-12 (Th)	4-1-0	4	100
	G in and GIS (P)	CC-12 (P)	0-0-4	2	100
3.	Remote Sensing and GIS (P)	130000000000000000000000000000000000000	(10	6	100
4.	Discipline Specific Elective- 1	DSE-2	6-1-0	0	0.555
7.		DSE-2	6-1-0	6	100
5.	Discipline Specific Elective- 2	DOD 2	2/74/270 (438)	Tota	al Credit -

Semester -VI

sl No.	Name of Course	Type of Course	L-T-P	Credit	Marks
	Evolution of Geographical Thought (Th)	CC-13	6-1-0	6	100
1.		CC-14 (Th)	6-1-0	4	100
2.	Disaster Management (Th)	CC-14 (P)	0-0-4	2	100
3.	Disaster Management (P)	DSE-3	6-1-0	6	100
4.	Discipline Specific Elective- 3	100000000000000000000000000000000000000	0-0-6	6	100
5.	Discipline Specific Elective- 4 (Project/Dissertation)	DSE-4	0.0-0		redit -

Annexure 1.14:

History

Semester - I

CC-1 CC-2	6-1-0	6	100
CC-2	6-1-0	6	100
			1/2000000
AECC-1	2-1-0	2	100
GE- 1	6-1-0	6	100
	GE- 1	GE-1 6-1-0	GE- 1 6-1-0 6

Semester – II

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	History of India: Earliest time to 550 CE	CC-3	6-1-0	6	100
2	History of Europe: 13th Century to 1789	CC-4	6-1-0	6	100
3	Environmental Science	AECC- II	2-1-0	2	100
4	Generic Elective-2	GE-2	6-1-0	6	100

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	History of India: 550 - 1200	CC-5	6-1-0	6	100
2	History of Europe: 1789-1919	CC-6	6-1-0	6	100
3	History of India: 1200-1707	CC-7	6-1-0	6	100
4	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5	Generic Elective-3	GE-3	6-1-0	6	100

Semester - IV

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	History of Modern World: 1919-1945	CC-8	6-1-0	6	100
2	History of India: 1707- 1857	CC-9	6-1-0	6	100
3	Indian National Movement 1857-1947	CC-10	6-1-0	6	100
4	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5	Generic Elective- 4	GE-4	6-1-0	6	100
				Total C	redit -

Semester - V

Name of the Course	Type of Course	L-T-P	Credit	Marks
History of Modern India: 1947-2000	CC-11	6-1-0	6	100
Cultural Heritage of India	CC-12	6-1-0	6	100
Discipline Specific Elective -1	DSE-1	6-1-0	6	100
Discipline Specific Elective -2	DSE-2	6-1-0	6	100
	History of Modern India: 1947-2000 Cultural Heritage of India	History of Modern India: 1947-2000 CC-11 Cultural Heritage of India CC-12 Discipline Specific Elective -1 DSE-1	History of Modern India: 1947-2000 CC-11 6-1-0 Cultural Heritage of India CC-12 6-1-0 Discipline Specific Elective -1 DSE-1 6-1-0	Course Course History of Modern India: 1947-2000 CC-11 6-1-0 6

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Asian Resurgence	CC-13	6-1-0	6	100
History of Communication	CC-14	6-1-0	6	100
Discipline Specific Elective -3	DSE-3	6-1-0	6	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100 redit - 2
	Asian Resurgence History of Communication Discipline Specific Elective -3	Asian Resurgence CC-13 History of Communication CC-14 Discipline Specific Elective -3 DSE-3 Discipline Specific Elective -4 DSE-4	Course Course	Asian Resurgence CC-13 6-1-0 6 History of Communication CC-14 6-1-0 6 Discipline Specific Elective -3 DSE-3 6-1-0 6 Discipline Specific Elective 4 DSE-4 0-0-6 6 (Project/Dissertation)

Total Credits - 140

(Some

物厂

45 - 1/h

Annexure 1.15:

Home Science

Semester - I

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Food Science & Nutrition (Th)	CC-1 (Th)	4-1-0	4	100
2	Food Science & Nutrition (P)	CC-1 (P)	0-0-6	2	100
3	Fundamentals of Human Development(Th)	CC-2 (Th)	4-1-0	4	100
4	Fundamentals of Human Development (P)	CC-2 (P)	0-0-6	2	100
5	English Communication/MIL	AECC- 1	2-1-0	2	100
6	Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
7	Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100
				Total C	redit - 2

Semester - II

	Course			
Resource Management Concepts and Context (Th)	CC-3 (Th)	6-1-0	6	100
Human Physiology (Th)	CC-4 (Th)	6-1-0	6	100
Environmental Science	AECC- 2	2-1-0	2	100
Generic Elective- 2 (Th)	GE- 2 (Th)	4-1-0	4	100
Generic Elective- 2 (P)	GE- 2 (P)	0-0-6	2	100
The state of the s	Context (Th) Human Physiology (Th) Environmental Science Generic Elective- 2 (Th)	Context (Th) Human Physiology (Th) Environmental Science Generic Elective- 2 (Th) CC-4 (Th) AECC- 2 GE- 2 (Th)	Context (Th) Human Physiology (Th) Environmental Science Generic Elective- 2 (Th) CC-4 (Th) AECC- 2 2-1-0 GE- 2 (Th) 4-1-0	Context (Th) Human Physiology (Th) Environmental Science Generic Elective- 2 (Th) CC-4 (Th) 6-1-0 6 AECC- 2 2-1-0 2 GE- 2 (Th) 4-1-0 4

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
	Communication & Extension (Th)	CC-5 (Th)	4-1-0	4	100
1		CC-5 (P)	0-0-4	2	100
2	Communication & Extension (P)	CC-6 (Th)	4-1-0	4	100
3	Introduction to Textile (Th)		0-0-4	2	100
4	Introduction to Textile(P)	CC-6 (P)			100
5	Dietetics (Th)	CC-7 (Th)	4-1-0	4	
6	Dietetics (P)	CC-7 (P)	0-0-4	2	100
77	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
7	STATE OF THE PARTY	GE-3 (Th)	4-1-0	4	100
8	Generic Elective- 3 (Th)	GE- 3 (P)	0-0-4	2	100
9	Generic Elective- 3 (P)	GE-3(I)	0.01	Total	Credit -

Semester - 1V

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
	(Th)	CC-8 (Th)	6-1-0	6	100
1	Child Psychology (Th)	April 1	-		100
3	Family Finance & Consumer Behavior (Th)	CC-9(Th)	6-1-0	6	
		CC-10(Th)	6-1-0	6	100
5	Non Formal, Adult and Lifelong Education(Th)	00 10(11)			
	CALABOR HOUSE AND	SEC-2	2-1-0	2	100
7	Skill Enhancement Course- 2		110	1	100
0	Generic Elective- 4 (Th)	GE-4(Th)	4-1-0	4	100
8		CF 4/D)	0-0-4	2	100
9	Generic Elective- 4 (P)	GE- 4(P)	0-0-4		
-				Total	Credit -

物厂

47

Trop

Money -

$\underline{Semester-V}$

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Research Methodology in Home Science (Th)	CC-11 (Th)	4-1-0	4	100
2	Research Methodology in HomeScience (P)	CC-11 (P)	0-0-4	2	100
3	Planning & Designing interior space (Th)	CC-12 (Th)	4-1-0	4	100
4	Planning & Designing interior space (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
6	Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
7	Discipline Specific Elective- 2 (Th)	DSE-2 (Th)	4-1-0	4	100
8	Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100

$\underline{Semester-VI}$

Clothing Construction (Th)	CC-13 (Th)			
	CC-13 (111)	4-1-0	4	100
Clothing Construction (P)	CC-13 (P)	0-0-4	2	100
Early Childhood Care and Education	CC-14 (Th)	0-0-6	6	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
]	Early Childhood Care and Education Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4	Early Childhood Care and Education CC-14 (Th) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 3 (P) DSE- 4	Early Childhood Care and Education CC-14 (Th) 0-0-6 Discipline Specific Elective- 3 (Th) DSE- 3 (Th) 4-1-0 Discipline Specific Elective- 3 (P) DSE- 3 (P) 0-0-4 Discipline Specific Elective- 4 DSE- 4 0-0-6	Early Childhood Care and Education CC-14 (Th) 0-0-6 6 Discipline Specific Elective- 3 (Th) DSE- 3 (Th) 4-1-0 4 Discipline Specific Elective- 3 (P) DSE- 3 (P) 0-0-4 2 Discipline Specific Elective- 4 DSE- 4 0-0-6 6

Total Credits - 140

10

Zinh

Vinod Kumar Tiwari
Officer on Special Duty (Judicial)

Broce

Annexure 1.16:

Political Science

Semester I

Understanding Political Theory	CC-1	6-1-0	6	100
Constitutional Government and Democracy in India	CC-2	6-1-0	6	100
English Communication / MIL	AECC- 1	2-1-0	2	100
Generic Elective-1	GE-1	6-1-0	6	100
E	Constitutional Government and Democracy n India English Communication / MIL	Constitutional Government and Democracy In India Conglish Communication / MIL AECC- 1	Constitutional Government and Democracy CC-2 6-1-0 India English Communication / MIL AECC- 1 2-1-0	Constitutional Government and Democracy CC-2 6-1-0 6 In India English Communication / MIL AECC- 1 2-1-0 2

Semester II

Sl. No	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Political Theory-Concepts and Debates	CC-3	6-1-0	6	100
2	Political Process in India	CC-4	6-1-0	6	100
3	Environmental Science	AECC- 2	2-1-0	2	100
4	Generic Elective-2	GE-2	6-1-0	6	100
				Total	Credit -

Semester - III

		1		
ntroduction to Comparative Government and Politics	CC-5	6-1-0	6	100
Perspectives on Public Administration	CC-6	6-1-0	6	100
Perspectives on International Relations and World History	CC-7	6-1-0	6	100
Skill Enhancement Course-1	SEC-1	2-1-0	2	100
Generic Elective-3	GE-3	6-1-0	6	100
SI	erspectives on Public Administration erspectives on International Relations and World History kill Enhancement Course-1	erspectives on Public Administration CC-6 erspectives on International Relations and World History kill Enhancement Course-1 SEC-1	erspectives on Public Administration CC-6 6-1-0 erspectives on International Relations CC-7 6-1-0 erspectives on International Relations CC-7 6-1-0 erspectives on International Relations CC-7 6-1-0 erspectives on EC-1 0-1-0	erspectives on Public Administration CC-6 6-1-0 6 erspectives on International Relations CC-7 6-1-0 6 and World History SEC-1 2-1-0 2

Semester - IV

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Political Processes and Institutions in Comparative Perspective	CC-8	6-1-0	6	100
2	Public Policy and Administration in India	CC-9	6-1-0	6	100
3	Global Politics	CC-10	6-1-0	6	100
4	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5	Generic Elective-4	GE-4	6-1-0	6	100
				Total	Credit -

$\underline{Semester-V}$

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Classical Political Philosophy	CC-11	6-1-0	6	100
2	Indian Political Thought-I	CC-12	6-1-0	6	100
3	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4	Discipline Specific Elective-2	DSE-2	6-1-0	6	100
				Total	Credit -

Semester - VI

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Modern Political Philosophy	CC-13	6-1-0	6	100
2	Indian Political Thought-II	CC-14	6-1-0	6	100
3	Discipline Specific Elective-3	DSE-3	6-1-0	6	100
4	Discipline Specific Elective-3 (Dissertation/ Project)	DSE-4	0-0-6	6	100

Total Credits – 140

50

5 wigh

Marie -

Annexure 1.17:

Psychology

Semester I

S.No	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Introduction to General Psychology (Th)	CC-1 (Th)	4-1-0	4	100
2	Introduction to General Psychology (P)	CC-1 (P)	0-0-6	2	100
3	Foundation of Social Psychology (Th)	CC-2 (Th)	4-1-0	4	100
4	Foundation of Social Psychology (P)	CC-2 (P)	0-0-6	2	100
5	English Communication/MIL	AECC-1	2-1-0	2	100
6	Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
7	Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100
100				Total Cre	edit - 20

Semester II

Sl. No	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Developmental Psychology (Th)	CC-3 (Th)	4-1-0	4	100
2	Developmental Psychology (P)	CC-3 (P)	0-0-6	2	100
3	Introduction to Statistics (Th)	CC-4 (Th)	4-1-0	4	100
4	Introduction to Statistics (P)	CC-4 (P)	0-0-6	2	100
5	Environmental Science	AECC- 2	2-1-0	2	100
6	Generic Elective- 2 (Th)	GE- 2 (Th)	4-1-0	4	100
7	Generic Elective- 2 (P)	GE-2 (P)	0-0-6	2	100
				Total Cr	edit - 20

- for

More

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Abnormal Psychology (Th)	CC-5 (Th)	4-1-0	4	100
2	Abnormal Psychology (P)	CC-5 (P)	0-0-4	2	100
3	Educational Psychology (Th)	CC-6 (Th)	4-1-0	4	100
4	Educational Psychology (P)	CC-6 (P)	0-0-4	2	100
5	System of Psychology (Th)	CC-7 (Th)	4-1-0	4	100
6	System of Psychology (P)	CC-7 (P)	0-0-4	2	100
7	Skill Enhancement Course- 1	SEC-1	2-1-0	2	100
8	Generic Elective- 3 (Th)	GE- 3 (Th)	4-1-0	4	100
9	Generic Elective- 3 (P)	GE- 3 (P)	0-0-4	2	100
				Total C	redit - 26

Semester - IV

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Clinical Psychology (Th)	CC-8 (Th)	4-1-0	4	100
2	Clinical Psychology (P)	CC-8 (P)	0-0-4	2	100
3	Counselling and Guidance Psychology (Th)	CC-9 (Th)	4-1-0	4	100
4	Counselling and Guidance Psychology (P)	CC-9 (P)	0-0-4	2	100
5	Cognitive Psychology (Th)	CC-10 (Th)	4-1-0	4	100
6	Cognitive Psychology (P)	CC-10 (P)	0-0-4	2	100
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100
8	Generic Elective- 4 (Th)	GE-4 (Th)	4-1-0	4	100
9	Generic Elective- 4 (P)	GE-4 (P)	0-0-4	2	100
				Total Ci	redit - 26

52

Zuch

Me

$\underline{Semester-V}$

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Research Methodology (Th)	CC-11 (Th)	4-1-0	4	100
2	Research Methodology (P)	CC-11 (P)	0-0-4	2	100
3	Bio Psychology (Th)	CC-12 (Th)	4-1-0	4	100
4	Bio Psychology (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
6	Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
7	Discipline Specific Elective- 2 (Th)	DSE-2 (Th)	4-1-0	4	100
8	Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Health Psychology (Th)	CC-13 (Th)	4-1-0	4	100
Health Psychology (P)	CC-13 (P)	0-0-4	2	100
Introduction to Psychometrics (Th)	CC-14 (Th)	4-1-0	4	100
Introduction to Psychometrics (P)	CC-14 (P)	0-0-4	2	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
	Health Psychology (Th) Health Psychology (P) Introduction to Psychometrics (Th) Introduction to Psychometrics (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 4	Health Psychology (Th) CC-13 (Th) Health Psychology (P) Introduction to Psychometrics (Th) Introduction to Psychometrics (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 3 (P)	Health Psychology (Th) CC-13 (Th) Health Psychology (P) CC-13 (P) O-0-4 Introduction to Psychometrics (Th) Introduction to Psychometrics (P) CC-14 (Th) CC-14 (P) O-0-4 Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 3 (P) O-0-6	Health Psychology (Th) CC-13 (Th) Health Psychology (P) CC-13 (P) CC-13 (P) O-0-4 Introduction to Psychometrics (Th) CC-14 (Th) CC-14 (P) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 Discipline Specific Elective- 4 DSE- 3 (P) DSE- 4 O-0-6 O-0-6 O-0-6

Total Credits – 140

53 Fright

Annexure 1.18:

Sociology

Semester I

uction to Sociology – I ogy of India –I	CC-1	6-1-0	6	100
ogy of India –I	CC-2	6-1-0	-	
		0-1-0	6	100
sh Communication/ MIL	AECC-1	2-1-0	. 2	100
ic Elective-1	GE-1	6-1-0	6	100
	sh Communication/ MIL ric Elective-1			

Semester II

 \mathbf{r}^{J}

l., ..

Name of the Course	Type of Course	L-T-P	Credit	Marks
Introduction to Sociology – II	CC-3	6-1-0	6	100
Sociology of India –II	CC-4	6-1-0	6	100
Environmental Science	AECC-2	2-1-0	2	100
Generic Elective-2	GE-2	6-1-0	6	100
	Introduction to Sociology – II Sociology of India –II Environmental Science	Introduction to Sociology – II CC-3 Sociology of India –II CC-4 Environmental Science AECC-2	Introduction to Sociology – II CC-3 6-1-0 Sociology of India –II CC-4 6-1-0 Environmental Science AECC-2 2-1-0	Course Introduction to Sociology - II CC-3 6-1-0 6

Semester - III

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Economic Sociology	CC-5	6-1-0	6	100
2	Social Change and Development in India	CC-6	6-1-0	6	100
3	Social Stratification	CC-7	6-1-0	6	100
4	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5	Generic Elective-3	GE-3	6-1-0	6	100

Vinod Kumar Tiwari

Citizar on Spacial Duty (Judicial)

$\underline{Semester-IV}$

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Economic Sociology	CC-8	6-1-0	6	100
2	Social Change and Development in India	CC-9	6-1-0	6	100
3	Social Stratification	CC-10	6-1-0	6	100
4	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5	Generic Elective-4	GE-4	6-1-0	6	100
				Total C	redit - 26

Semester - V

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Sociological Thinkers – I	CC-11	6-1-0	6	100
2	Sociological Research Method - I	CC-12	6-1-0	6	100
3	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4	Discipline Specific Elective-2	DSE-2	6-1-0	6	100
				Total Cr	edit -24

Semester - VI

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Sociological Thinkers – II	CC-13	6-1-0	6	100
2	Sociological Research Method - II	CC-14	6-1-0	6	100
3	Discipline Specific Elective-3	DSE-3	6-1-0	6	100
4	Discipline Specific Elective-3 (Project/Dissertation)	DSE-4	0-0-6	6	100
				Total Cr	edit - 24

Total Credits - 140

55

BT First

But

Annexure 1.19:

Botany

Semester I

The.

(

ology and Microbiology (Th) ology and Microbiology (P) nolecules and Cell Biology (Th)	CC-1 (Th)	4-1-0 0-0-6	4 2	100
	-5-25 5-3-26-51	0-0-6	2	100
polecules and Cell Biology (Th)			1	100
ibiccules and cen biology (111)	CC-2 (Th)	4-1-0	4	100
nolecules and Cell Biology (P)	CC-2 (P)	0-0-6	2	100
ish Communication/MIL	AECC- 1	2-1-0	2	100
eric Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
eric Elective- 1 (P)	GE-1 (P)	0-0-6	2	100
į	nolecules and Cell Biology (P) lish Communication/MIL eric Elective- 1 (Th) eric Elective- 1 (P)	lish Communication/MIL AECC- 1 eric Elective- 1 (Th) GE- 1 (Th)	lish Communication/MIL AECC- 1 2-1-0 eric Elective- 1 (Th) GE- 1 (Th) 4-1-0	dish Communication/MIL AECC-1 2-1-0 2 eric Elective- 1 (Th) GE- 1 (Th) 4-1-0 4

Semester II

11.00 52 50	Credit	Marks
4-1-0	4	100
0-0-6	2	100
4-1-0	4	100
0-0-6	2	100
2-1-0	2	100
) 4-1-0	4	100
0-0-6	2	100
		7

Semester - III

	The state of the s			
Morphology and Anatomy (Th)	CC-5 (Th)	4-1-0	4	100
Morphology and Anatomy (P)	CC-5 (P)	0-0-4	2	100
Economic Botany (Th)	CC-6 (Th)	4-1-0	4	100
Economic Botany (P)	CC-6 (P)	0-0-4	2	100
Genetics (Th)	CC-7 (Th)	4-1-0	4	100
Genetics (P)	CC-7 (P)	0-0-4	2	100
Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
Generic Elective- 3 (Th)	GE-3 (Th)	4-1-0	4	100
Generic Elective- 3 (P)	GE- 3 (P)	0-0-4	2	100
1	Morphology and Anatomy (P) Economic Botany (Th) Economic Botany (P) Genetics (Th) Genetics (P) Skill Enhancement Course-1 Generic Elective- 3 (Th)	Morphology and Anatomy (P) Economic Botany (Th) Economic Botany (P) CC-6 (Th) CC-6 (P) Genetics (Th) CC-7 (Th) Genetics (P) Skill Enhancement Course-1 Generic Elective- 3 (Th) GE- 3 (Th)	Morphology and Anatomy (P) CC-5 (P) 0-0-4 Economic Botany (Th) CC-6 (Th) 4-1-0 Economic Botany (P) CC-6 (P) 0-0-4 Genetics (Th) CC-7 (Th) 4-1-0 Genetics (P) CC-7 (P) 0-0-4 Skill Enhancement Course-1 SEC-1 2-1-0 Generic Elective- 3 (Th) GE-3 (Th) 4-1-0	Morphology and Anatomy (P) CC-5 (P) 0-0-4 2 Economic Botany (Th) CC-6 (Th) 4-1-0 4 Economic Botany (P) CC-6 (P) 0-0-4 2 Genetics (Th) CC-7 (Th) 4-1-0 4 Genetics (P) CC-7 (P) 0-0-4 2 Skill Enhancement Course-1 SEC-1 2-1-0 2 Generic Elective- 3 (Th) GE-3 (Th) 4-1-0 4

$\underline{Semester-IV}$

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Molecular Biology (Th)	CC-8 (Th)	4-1-0	4	100
2	Molecular Biology (P)	CC-8 (P)	0-0-4	2	100
3	Plant Ecology and Phytogeography (Th)	CC-9 (Th)	4-1-0	4	100
4	Plant Ecology and Phytogeography (P)	CC-9 (P)	0-0-4	2	100
5	Plant Systematics (Th)	CC-10 (Th)	4-1-0	4	100
6	Plant Systematics (P)	CC-10 (P)	0-0-4	2	100
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100
8	Generic Elective- 4 (Th)	GE- 4 (Th)	4-1-0	4	100
9	Generic Elective- 4 (P)	GE-4 (P)	0-0-4	2	100
				Total	Credit -

Direct And American Tiwari

Vinod Karmar Tiwari

O'llour on Special Duty (Judicial)

Semester - V

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Reproductive Biology of Angiosperms (Th)	CC-11 (Th)	4-1-0	4	100
2	Reproductive Biology of Angiosperms (P)	CC-11 (P)	0-0-4	2	100
3	Plant Physiology (Th)	CC-12 (Th)	4-1-0	4	100
4	Plant Physiology (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
6	Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
7	Discipline Specific Elective- 2 (Th)	DSE-2 (Th)	4-1-0	4	100
8	Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Plant Metabolism (Th)	CC-13 (Th)	4-1-0	4	100
Plant Metabolism (P)	CC-13 (P)	0-0-4	2	100
Recombinant DNA Technology & Plant Biotechnology (Th)	CC-14 (Th)	4-1-0	4	100
Recombinant DNA Technology & Plant Biotechnology (P)	CC-14 (P)	0-0-4	2	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
	Plant Metabolism (Th) Plant Metabolism (P) Recombinant DNA Technology & Plant Biotechnology (Th) Recombinant DNA Technology & Plant Biotechnology (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4	Plant Metabolism (Th) Plant Metabolism (P) Recombinant DNA Technology & Plant Biotechnology (Th) Recombinant DNA Technology & Plant Biotechnology (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 4	Plant Metabolism (Th) CC-13 (Th) 4-1-0 Plant Metabolism (P) CC-13 (P) 0-0-4 Recombinant DNA Technology & Plant Biotechnology (Th) CC-14 (Th) 4-1-0 Recombinant DNA Technology & Plant Biotechnology (P) Discipline Specific Elective- 3 (Th) DSE- 3 (Th) 4-1-0 Discipline Specific Elective- 3 (P) DSE- 3 (P) 0-0-4 Discipline Specific Elective- 4 DSE- 4 0-0-6	Plant Metabolism (Th) CC-13 (Th) Plant Metabolism (P) CC-13 (P) CC-13 (P) CC-13 (P) CC-14 (Th) Biotechnology (Th) Recombinant DNA Technology & Plant Biotechnology (P) CC-14 (P) CC-14 (P) Discipline Specific Elective- 3 (Th) DSE- 3 (Th) DSE- 3 (P) Discipline Specific Elective- 4 Discipline Specific Elective- 4 DSE- 4 O-0-6

Total Credits - 140

(

()

1

Annexure 1.20:

Chemistry

Semester - I

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Inorganic Chemistry I: Atomic Structure & Chemical Bonding (Th)	CC-1 (Th)	4-1-0	4	100
2	Inorganic Chemistry I: Atomic Structure & Chemical Bonding (P)	CC-1 (P)	0-0-6	2	100
3	Physical Chemistry I: States of Matter & Ionic Equilibrium (Th)	CC-2 (Th)	4-1-0	4	100
4	Physical Chemistry I: States of Matter & Ionic Equilibrium (P)	CC-2 (P)	0-0-6	2	100
5	English Communication/MIL	AECC- I	2-1-0	2	100
6	Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
7	Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100

Semester - II

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Mark
1	Organic Chemistry I: Basics and Hydrocarbons (Th)	CC-3 (Th)	4-1-0	4	100
2	Organic Chemistry I: Basics and Hydrocarbons (P)	CC-3 (P)	0-0-6	2	100
3	Physical Chemistry II: Chemical Thermodynamics and its Applications (Th)	CC-4 (Th)	4-1-0	4	100
4	Physical Chemistry II: Chemical Thermodynamics and its Applications (P)	CC-4 (P)	0-0-6	2	100
5	Environmental Science	AECC- 2	2-1-0	2	100
6	Generic Elective- 2 (Th)	GE-2 (Th)	4-1-0	4	100
7	Generic Elective- 2 (P)	GE- 2 (P)	0-0-6	2	100

59

数厂 和和

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Inorganic Chemistry II: s- and p-Block Elements (Th)	CC-5 (Th)	4-1-0	4	100
2	Inorganic Chemistry II: s- and p-Block Elements (P)	CC-5 (P)	0-0-4	2	100
3	Organic Chemistry II: Oxygen Containing Functional Groups (Th)	CC-6 (Th)	4-1-0	4	100
4	Organic Chemistry II: Oxygen Containing Functional Groups (P)	CC-6 (P)	0-0-4	2	100
5	Physical Chemistry III: Phase Equilibria and Electrochemical Cells (Th)	CC-7 (Th)	4-1-0	4	100
6	Physical Chemistry III: Phase Equilibria and Electrochemical Cells (P)	CC-7 (P)	0-0-4	2	100
7	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
8	Generic Elective- 3 (Th)	GE- 3 (Th)	4-1-0	4	100
9	Generic Elective- 3 (P)	GE-3 (P)	0-0-4	2	100

Semester – IV

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Inorganic Chemistry III: Coordination Chemistry (Th)	CC-8 (Th)	4-1-0	4	100
2	Inorganic Chemistry III: Coordination Chemistry (P)	CC-8 (P)	0-0-4	2	100
3	Organic Chemistry III: Heterocyclic Chemistry (Th)	CC-9 (Th)	4-1-0	4	100
4	Organic Chemistry III: Heterocyclic Chemistry (P)	CC-9 (P)	0-0-4	2	100
5	Physical Chemistry IV: Conductance & Chemical Kinetics (Th)	CC-10 (Th)	4-1-0	4	100
6	Physical Chemistry IV: Conductance & Chemical Kinetics (P)	CC-10 (P)	0-0-4	2	100

				Total c	redit -
9	Generic Elective- 4 (P)	GE-4 (P)	0-0-4	2	100
8	Generic Elective- 4 (Th)	GE-4 (Th)	4-1-0	4	100
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100

Semester - V

l. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Organic Chemistry IV: Biomolecules (Th)	CC-11 (Th)	4-1-0	4	100
2	Organic Chemistry IV: Biomolecules (P)	CC-11 (P)	0-0-4	2	100
3	Physical Chemistry V: Quantum Chemistry & Spectroscopy (Th)	CC-12 (Th)	4-1-0	4	100
4	Physical Chemistry V: Quantum Chemistry & Spectroscopy (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
6	Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
7	Discipline Specific Elective- 2 (Th)	DSE-2 (Th)	4-1-0	4	100
8	Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100
8	Discipline Specific Elective- 2 (P)	DSE-	2 (P)	2 (P) 0-0-4	2 (P) 0-0-4 2 Total c

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Inorganic Chemistry IV: Organometallic Chemistry (Th)	CC-13 (Th)	4-1-0	4	100
Inorganic Chemistry IV: Organometallic Chemistry (P)	CC-13 (P)	0-0-4	2	100
Organic Chemistry V: Spectroscopy (Th)	CC-14 (Th)	4-1-0	4	100
Organic Chemistry V: Spectroscopy (P)	CC-14 (P)	0-0-4	2	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
	Inorganic Chemistry IV: Organometallic Chemistry (Th) Inorganic Chemistry IV: Organometallic Chemistry (P) Organic Chemistry V: Spectroscopy (Th) Organic Chemistry V: Spectroscopy (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4	Inorganic Chemistry IV: Organometallic Chemistry (Th) Inorganic Chemistry IV: Organometallic CC-13 (Th) Inorganic Chemistry IV: Organometallic Chemistry (P) Organic Chemistry V: Spectroscopy (Th) CC-14 (Th) Organic Chemistry V: Spectroscopy (P) CC-14 (P) Discipline Specific Elective- 3 (Th) DSE- 3 (Th) Discipline Specific Elective- 3 (P) DSE- 3 (P) Discipline Specific Elective- 4	Inorganic Chemistry IV: Organometallic CC-13 (Th) 4-1-0 Chemistry (Th) Inorganic Chemistry IV: Organometallic CC-13 (P) 0-0-4 Chemistry (P) Organic Chemistry V: Spectroscopy (Th) CC-14 (Th) 4-1-0 Organic Chemistry V: Spectroscopy (P) CC-14 (P) 0-0-4 Discipline Specific Elective- 3 (Th) DSE- 3 (Th) 4-1-0 Discipline Specific Elective- 3 (P) DSE- 3 (P) 0-0-4 Discipline Specific Elective- 4 DSE- 4 0-0-6	Inorganic Chemistry IV: Organometallic CC-13 (Th) 4-1-0 4 Chemistry (Th) CC-13 (Th) 4-1-0 4 Inorganic Chemistry IV: Organometallic CC-13 (P) 0-0-4 2 Chemistry (P) CC-14 (Th) 4-1-0 4 Organic Chemistry V: Spectroscopy (P) CC-14 (P) 0-0-4 2 Discipline Specific Elective- 3 (Th) DSE- 3 (Th) 4-1-0 4 Discipline Specific Elective- 3 (P) DSE- 3 (P) 0-0-4 2 Discipline Specific Elective- 4 DSE- 4 0-0-6 6

Sp T Zinghan Ame

Vined Kumar Tiwari

Semester-I

30 A 60 COVICE SOFT - NO A 60 COVICE SOFT -	Type of Course	L-T-P	Credit	Marks
Fundamentals of the Earth System (Th)	CC-1 (Th)	4-1-0	4	100
Fundamentals of Earth System (P)	CC-1 (P)	0-0-6	2	100
Mineralogy and Crystallography (Th)	CC-2 (Th)	4-1-0	4	100
Mineralogy and Crystallography (P)	CC-2 (P)	0-0-6	2	100
English Communication/MIL	AECC- 1	2-1-0	2	100
Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100
	Fundamentals of Earth System (P) Mineralogy and Crystallography (Th) Mineralogy and Crystallography (P) English Communication/MIL Generic Elective- 1 (Th)	Fundamentals of the Earth System (Th) CC-1 (Th) Fundamentals of Earth System (P) CC-1 (P) Mineralogy and Crystallography (Th) CC-2 (Th) Mineralogy and Crystallography (P) CC-2 (P) English Communication/MIL Generic Elective- 1 (Th) GE- 1 (Th)	Fundamentals of the Earth System (Th) CC-1 (Th) 4-1-0 Fundamentals of Earth System (P) CC-1 (P) 0-0-6 Mineralogy and Crystallography (Th) CC-2 (Th) 4-1-0 Mineralogy and Crystallography (P) CC-2 (P) 0-0-6 English Communication/MIL AECC-1 2-1-0 Generic Elective- I (Th) GE-1 (Th) 4-1-0	Fundamentals of the Earth System (Th) CC-1 (Th) 4-1-0 4 Fundamentals of Earth System (P) CC-1 (P) 0-0-6 2 Mineralogy and Crystallography (Th) CC-2 (Th) 4-1-0 4 Mineralogy and Crystallography (P) CC-2 (P) 0-0-6 2 English Communication/MIL AECC-1 2-1-0 2 Generic Elective- I (Th) GE- I (Th) 4-1-0 4

Semester - II

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Mineralogy and Optical Mineralogy (Th)	CC-3 (Th)	4-1-0	4	100
2	Mineralogy and Optical Mineralogy (P)	CC-3 (P)	0-0-6	2	100
3	Structural Geology (Th)	CC-4 (Th)	4-1-0	4	100
4	Structural Geology (P)	CC-4 (P)	0-0-6	2	100
5	Environmental Science	AECC- 2	2-1-0	2	100
6	Generic Elective- 2 (Th)	GE- 2 (Th)	4-1-0	4	100
7	Generic Elective- 2 (P)	GE-2 (P)	0-0-6	2	100
				Total cred	dit - 20

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Geomorphology (Th)	CC-5 (Th)	4-1-0	4	100
2	Geomorphology (P)	CC-5 (P)	0-0-4	2	100
3	Igneous Petrology (Th)	CC-6 (Th)	4-1-0	4	100
4	Igneous Petrology (P)	CC-6 (P)	0-0-4	2	100
5	Metamorphic Petrology (Th)	CC-7 (Th)	4-1-0	4	100
6	Metamorphic Petrology (P)	CC-7 (P)	0-0-4	2	100
7	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
8	Generic Elective- 3 (Th)	GE- 3 (Th)	4-1-0	4	100
9	Generic Elective- 3 (P)	GE-3 (P)	0-0-4	2	100
				Total cred	lit - 26

Semester - IV

1

SI. No.	Name of the Course Type of Course		L-T-P	Credit	Mark	
1	Sedimentology (Th)	CC-8 (Th)	4-1-0	4	100	
2	Sedimentology (P)	CC-8 (P)	0-0-4	2	100	
3	Stratigraphy (Th)	CC-9 (Th)	4-1-0	4	100	
4	Stratigraphy (P)	CC-9 (P)	0-0-4	2	100	
5	Palaeontology (Th)	CC-10 (Th)	4-1-0	4	100	
6	Palaeontology (P)	CC-10 (P)	0-0-4	2	100	
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100	
8	Generic Elective- 4 (Th)	GE- 4 (Th)	4-1-0	4	100	
9	Generic Elective- 4 (P)	GE-4 (P)	0-0-4	2	100	

63

Winod Kumar Tiwari
O Moor on Special Duly (Judicial)

$\underline{Semester-V}$

Name of the Course	Type of Course	L-T-P	Credit	Marks
Hydrogeology (Th)	CC-11 (Th)	4-1-0	4	100
Hydrogeology (P)	CC-11 (P)	0-0-4	2	100
Economic Geology (Th)	CC-12 (Th)	4-1-0	4	100
Economic Geology (P)	CC-12 (P)	0-0-4	2	100
Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
Discipline Specific Elective- 2 (Th)	DSE- 2 (Th)	4-1-0	4	100
Discipline Specific Elective- 2 (P)	DSE- 2 (P)	()-()-4	2	100
	Hydrogeology (Th) Hydrogeology (P) Economic Geology (Th) Economic Geology (P) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th)	Hydrogeology (Th) CC-11 (Th) Hydrogeology (P) Economic Geology (Th) Economic Geology (P) CC-12 (Th) CC-12 (P) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th) DSE- 2 (Th)	Hydrogeology (Th) CC-11 (Th) Hydrogeology (P) CC-11 (P) O-0-4 Economic Geology (Th) CC-12 (Th) CC-12 (Th) CC-12 (P) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th) DSE- 2 (Th) 4-1-0	Course Course Hydrogeology (Th) CC-11 (Th) 4-1-0 4

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Global Tectonics and Geodynamics (Th)	CC-13 (Th)	4-1-0	4	100
Global Tectonics and Geodynamics (P)	CC-13 (P)	0-0-4	2	100
Engineering Geology and Mineral Resources (Th)	CC-14 (Th)	4-1-0	4	100
Engineering Geology and Mineral Resources (P)	CC-14 (P)	0-0-4	2	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
	Global Tectonics and Geodynamics (Th) Global Tectonics and Geodynamics (P) Engineering Geology and Mineral Resources (Th) Engineering Geology and Mineral Resources (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4	Global Tectonics and Geodynamics (Th) Global Tectonics and Geodynamics (P) Engineering Geology and Mineral Resources (Th) Engineering Geology and Mineral Resources (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 4	Global Tectonics and Geodynamics (Th) Global Tectonics and Geodynamics (P) CC-13 (Th) Global Tectonics and Geodynamics (P) Engineering Geology and Mineral Resources (Th) CC-14 (Th) Engineering Geology and Mineral Resources (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 4 DSE- 3 (P) DSE- 4 O-0-6	Global Tectonics and Geodynamics (Th) Global Tectonics and Geodynamics (P) CC-13 (Th) Global Tectonics and Geodynamics (P) Engineering Geology and Mineral Resources (Th) CC-14 (Th) Engineering Geology and Mineral Resources (P) Discipline Specific Elective- 3 (Th) DSE- 3 (Th) DSE- 3 (P) Discipline Specific Elective- 4 Discipline Specific Elective- 4 DSE- 4 O-0-6 GC-13 (Th) 4-1-0 4 CC-14 (P) O-0-4 2 DSE- 3 (P) DSE- 3 (P) O-0-4 CO-0-6

Total Credits - 140

64

的一 不可

Parc

Annexure 1.22:

Mathematics

Semester - I

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Algebra	CC-1	6-1-0	6	100
2	Calculus	CC-2	6-1-0	6	100
3	English Communication/MIL	AECC- 1	2-1-0	2	100
4	Generic Elective- 1	GE- 1	6-1-0	6	100

Semester - II

eal Analysis	00.0			
	CC-3	6-1-0	6	100
rdinary Differential Equations	CC-4	6-1-0	6	100
nvironmental Science	AECC- 2	2-1-0	2	100
eneric Elective- 2	GE- 2	6-1-0	6	100
1	nvironmental Science	nvironmental Science AECC- 2	nvironmental Science AECC- 2 2-1-0	nvironmental Science AECC- 2 2-1-0 2

Semester – III

0 10 0

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Theory of Real Functions	CC-5	6-1-0	6	100
2	Group Theory	CC-6	6-1-0	6	100
3	Partial Differential Equations	CC-7	6-1-0	6	100
4	Skill Enhancement Course- 1	SEC-1	2-1-0	2	100
5	Generic Elective-3	GE- 3	6-1-0	6	100

65

ADT FINE Vinod Kumar Tiwari
Circar on Special Duty (Judicial)

$\underline{Semester-IV}$

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Ring Theory &Linear Algebra-I	CC-8	6-1-0	6	100
2	Multivariate Calculus	CC-9	6-1-0	6	100
3	Complex Analysis	CC-10	6-1-0	6	100
4	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100
5	Generic Elective- 4	GE- 4	6-1-0	6	100

Semester - V

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Metric Space	CC-11	6-1-0	6	100
2	Riemann Integration & Series of Function	CC-12	6-1-0	6	100
3	Discipline Specific Elective- 1	DSE- 1	6-1-0	6	100
4	Discipline Specific Elective- 2	DSE- 2	6-1-0	6	100

Semester - VI

Name of the Course	Type of Course	L-T-P	Credit	Marks
Ring Theory & Linear Algebra-II	CC-13	6-1-0	6	100
Numerical Methods	CC-14	6-1-0	6	100
Discipline Specific Elective- 3	DSE- 3	6-1-0	6	100
Discipline Specific Elective- 4 (Project/Dissertation)	DSE- 4	0-0-6	6	100
	Ring Theory & Linear Algebra-II Numerical Methods Discipline Specific Elective- 3 Discipline Specific Elective- 4	Ring Theory & Linear Algebra-II CC-13 Numerical Methods CC-14 Discipline Specific Elective- 3 DSE- 3 Discipline Specific Elective- 4 DSE- 4	Ring Theory & Linear Algebra-II CC-13 6-1-0 Numerical Methods CC-14 6-1-0 Discipline Specific Elective- 3 DSE- 3 6-1-0 Discipline Specific Elective- 4 DSE- 4 0-0-6	Ring Theory & Linear Algebra-II CC-13 6-1-0 6 Numerical Methods CC-14 6-1-0 6 Discipline Specific Elective- 3 DSE- 3 6-1-0 6 Discipline Specific Elective- 4 DSE- 4 0-0-6 6

Total Credits - 140

Hot Spicker Pone

Vinod Kumar Tiwari Cilicoron Special Duly (Judicial)

Annexure 1.23:

Physics

Semester-I

o. Name of the Course			Type of Course	L-T	Г-Р	Cro	edit	Ma	rks	
	tion to Class ics- I (Th)	ical	(CC-1 (Th)	4-1	1-0	2	1	10	00
	ction to Class ics- I(P)	sical		CC-1 (P)	0-0)-6	2	2	10	00
	atical Physical Oscillation		(CC-2 (Th)	4-1	1-0	4	1	10	00
	atical Physical Oscillation			CC-2 (P)	0-0)-6	2	2	10	00
Con	Communicat	tion		AECC- 1	2-1	1-0	2	2	10	00
Ele	Elective- 1 (Th)	(GE- 1 (Th)	4-1	1-0	4	1	10	00
Ele	Elective- 1 (P)		GE-1 (P)	0-()-6	2	2	10	00
JIC.	Elective- I (1)		OL-1 (1)		0-0	0-0-0	Jan Fodi.		Total credit

Semester-II

Sl. No.	Name of the Course Type of Course		L-T-P	Credit	Marks
1	Thermal Physics & Thermodynamics (Th)	CC-3 (Th)	4-1-0	4	100
2	Thermal Physics & Thermodynamics(P)	CC-3 (P)	0-0-6	2	100
3	Electricity & Magnetism (Th)	CC-4 (Th)	4-1-0	4	100
4	Electricity & Magnetism(P)	CC-4 (P)	0-0-6	2	100
5	Environmental Science	AECC- 2	2-1-0	2	100
6	Generic Elective- 2 (Th)	GE- 2 (Th)	4-1-0	4	100
7	Generic Elective- 2 (P)	GE- 2 (P)	0-0-6	2	100
				Total c	redit - 20

67

物丁

Zund

Paper

Semester - III

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Mathematical Physics-II and Introduction to Computational Methods (Th)	CC-5 (Th)	4-1-0	4	100
2	Mathematical Physics-II and Introduction to Computational Methods (P)	CC-5 (P)	0-0-4	2	100
3	Electrodynamics & Electromagnetism (Th)	CC-6 (Th)	6-1-0	6	100
5	Optics (Th)	CC-7 (Th)	4-1-0	4	100
6	Optics (P)	CC-7 (P)	0-0-4	2	100
7	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
8	Generic Elective-3 (Th)	GE- 3 (Th)	4-1-0	4	100
9	Generic Elective- 3 (P)	GE-3 (P)	0-0-4	2	100

Semester - IV

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Elements of Modern Physics (Th)	CC-8 (Th)	6-1-0	6	100
3	Basic Electronics (Th)	CC-9(Th)	4-1-0	4	100
4	Basic Electronics(P)	CC-9(P)	0-0-4	2	100
5	Classical Mechanics-II & S.T.R.(Th)	CC-10 (Th)	4-1-0	4	100
6	Classical Mechanics-II (P)	CC-10 (P)	0-0-4	2	100
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100
8	Generic Elective- 4 (Th)	GE- 4(Th)	4-1-0	4	100
9	Generic Elective- 4 (P)	GE- 4(P)	0-0-4	2	100

\$ Town Pare

$\underline{Semester-V}$

Name of the Course	Type of Course	L-T-P	Credit	Marks
Statistical Mechanics.(Th)	CC-11 (Th)	6-1-0	6	100
Quantum Mechanics & its Application (Th)	CC-12 (Th)	6-1-0	6	100
Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
Discipline Specific Elective- 2 (Th)	DSE- 2 (Th)	4-1-0	4	100
Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100
	Statistical Mechanics.(Th) Quantum Mechanics & its Application (Th) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th)	Statistical Mechanics.(Th) Quantum Mechanics & its Application (Th) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th)	Statistical Mechanics.(Th) Quantum Mechanics & its Application (Th) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th) Discipline Specific Elective- 2 (Th)	Statistical Mechanics.(Th) CC-11 (Th) CC-12 (Th) CC-12 (Th) Discipline Specific Elective- 1 (Th) Discipline Specific Elective- 1 (P) Discipline Specific Elective- 2 (Th) Discipline Specific Elective- 2 (Th) CC-12 (Th) 6-1-0 6 DSE- 1 (Th) 4-1-0 4 (Th)

Semester – VI

1

f-

50

Name of the Course	Type of Course	L-T-P	Credit	Marks
Atomic spectroscopy & Physics of nuclei (Th)	CC-13 (Th)	6-1-0	6	100
Solid State Physics (Th)	CC-14 (Th)	4-1-0	4	100
Solid State Physics (P)	CC-14 (P)	0-0-4	2	100
Discipline Specific Elective- 3 (Th)	DSE-3 (Th)	4-1-0	4	100
Discipline Specific Elective- 3 (P)	DSE- 3 (P)	0-0-4	2	100
Project/Dissertation/Special camp to National Research Lab for Research Collaboration	DSE- 4	0-0-6	6	100
	Atomic spectroscopy & Physics of nuclei (Th) Solid State Physics (Th) Solid State Physics (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Project/Dissertation/Special camp to National Research Lab for	Atomic spectroscopy & Physics of nuclei (Th) Solid State Physics (Th) Solid State Physics (P) Discipline Specific Elective- 3 (Th) CC-14 (P) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 3 (P) Project/Dissertation/Special camp to National Research Lab for	Atomic spectroscopy & Physics of nuclei (Th) Solid State Physics (Th) Solid State Physics (P) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 3 (P) Project/Dissertation/Special camp to National Research Lab for	Atomic spectroscopy & Physics of nuclei (Th) Solid State Physics (Th) CC-14 (Th) CC-14 (Th) Solid State Physics (P) CC-14 (P) Discipline Specific Elective- 3 (Th) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 3 (P) Discipline Specific Elective- 3 (P) Project/Dissertation/Special camp to National Research Lab for

Total Credits – 140

Ab T Find Am

Winod Kumar Tiwari

Semester - I

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Descriptive Statistics & Theory of Attributes (Th)	CC-1 (Th)	4-1-0	4	100
2	Descriptive Statistics & Theory of Attributes (P)	CC-1 (P)	0-0-6	2	100
3	Calculus of Finite Differences(Th)	CC-2 (Th)	6-1-0	6	100
4	English Communication	AECC- 1	2-1-0	2	100
5	Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
6	Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100

Semester – II

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Probability Theory & Probability Distribution (Th)	CC-3 (Th)	4-1-0	4	100
2	Probability Theory & Probability Distribution (P)	CC-3 (P)	0-0-6	2	100
3	Integral Calculus and Matrices (Th)	CC-4 (Th)	6-1-0	6	100
4	Environmental Science	AECC- 2	2-1-0	2	100
5	Generic Elective- 2 (Th)	GE- 2 (Th)	4-1-0	4	100
6	Generic Elective- 2 (P)	GE- 2 (P)	0-0-6	2	100
				Total c	redit - 2

From March

Semester - III

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Sampling Distribution & Tests of Significance (Th)	CC-5 (Th)	4-1-0	4	100
2	Sampling Distribution & Tests of Significance(P)	CC-5 (P)	0-0-4	2	100
3	Survey Sampling & Indian Official Statistics (Th)	CC-6 (Th)	4-1-0	4	100
4	Survey Sampling & Indian Official Statistics (P)	CC-6 (P)	0-0-4	2	100
5	Mathematical Analysis (Th)	CC-7 (Th)	6-1-0	6	100
6	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
7	Generic Elective- 3 (Th)	GE- 3 (Th)	4-1-0	4	100
8	Generic Elective- 3 (P)	GE- 3 (P)	0-0-4	2	100

Semester - IV

0

anced Statistical Inference (Th) anced Statistical Inference(P) ar Models (Th) stical Quality Control (Th)	CC-8 (Th) CC-8(P) CC-9(Th) CC-10(Th)	4-1-0 0-0-4 6-1-0	2 6	100 100 100
ar Models (Th)	CC-9(Th)	6-1-0		
	22/4/2009	2 15 15	6	100
stical Quality Control (Th)	CC-10(Th)	110		
	9 5	4-1-0	4	100
stical Quality Control (P)	CC-10(P)	0-0-4	2	100
Enhancement Course- 2	SEC- 2	2-1-0	2	100
eric Elective- 4 (Th)	GE-4(Th)	4-1-0	4	100
eric Elective- 4 (P)	GE-4(P)	0-0-4	2	100
	l Enhancement Course- 2 eric Elective- 4 (Th) eric Elective- 4 (P)	l Enhancement Course- 2 SEC- 2 eric Elective- 4 (Th) GE- 4(Th)	l Enhancement Course- 2 SEC- 2 2-1-0 eric Elective- 4 (Th) GE- 4(Th) 4-1-0	1 Enhancement Course- 2 SEC- 2 2-1-0 2 eric Elective- 4 (Th) GE- 4(Th) 4-1-0 4

71

勉丁

Zinh

Parel

Semester - V

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Statistical Computing Using C/C++ Programming (Th)	CC-11 (Th)	4-1-0	4	100
2	Statistical Computing Using C/C++ Programming (P)	CC-11 (P)	0-0-4	2	100
3	Time series Analysis (Th)	CC-12 (Th)	4-1-0	4	100
4	Time series Analysis (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1	DSE- 1	6-1-0	6	100
6	Discipline Specific Elective- 2	DSE- 2	6-1-0	6	100

Semester - VI

("

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Design of Experiments (Th)	CC-13 (Th)	4-1-0	4	100
2	Design of Experiments (P)	CC-13 (P)	0-0-4	2	100
3	Multivariate Analysis & Non Parametric Methods (Th)	CC-14 (Th)	4-1-0	4	100
4	Multivariate Analysis & Non Parametric Methods (P)	CC-14 (P)	0-0-4	2	100
5	Discipline Specific Elective- 3	DSE- 3	6-1-0	6	100
6	Project/Dissertation	DSE- 4	0-0-6	6	100

Total Credits - 140

Winod Kumar Tiwari

Winod Kumar Tiwari

Officer on Special Duly (Judicial)

Annexure 1.25:

Zoology

Semester - I

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Diversity and evolution of Non-Chordates I: Protista to Pseudomonas (Th)	CC-1 (Th)	4-1-0	4	100
2	Diversity and evolution of Non-Chordates I: Protista to Pseudomonas (P)	CC-1 (P)	0-0-6	2	100
3	Principles of Ecology (Th)	CC-2 (Th)	4-1-0	4	100
4	Principles of Ecology (P)	CC-2 (P)	0-0-6	2	100
5	English Communication/MIL	AECC-1	2-1-0	2	100
6	Generic Elective- 1 (Th)	GE-1 (Th)	4-1-0	4	100
7	Generic Elective- 1 (P)	GE-1 (P)	0-0-6	2	100
				Total	redit -

Semester - II

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Diversity and evolution of Non-Chordates II: Coelomates (Th)	CC-3 (Th)	4-1-0	4	100
2	Diversity and evolution of Non-Chordates II: Coelomates (P)	CC-3 (P)	0-0-6	2	100
3	Diversity and Distribution of Chordates (Th)	CC-4 (Th)	4-1-0	4	100
4	Diversity and Distribution of Chordates (P)	CC-4 (P)	0-0-6	2	100
5	Environmental Science	AECC- 2	2-1-0	2	100
6	Generic Elective- 2 (Th)	GE-2 (Th)	4-1-0	4	100
7	Generic Elective- 2 (P)	GE-2(P)	0-0-6	2	100
7	Generic Elective- 2 (P)	GE- 2 ((P)	(P) 0-0-6	(P) 0-0-6 2 Total

Winod Kumar Tiwari

Vinod Kumar Tiwari

Of Coron Special Duty (Judicial)

Semester - III

Sl. No.	Name of the Course	Type of	L-T-P	Credit	Marks
	2 21 22	Course			
1	Comparative Anatomy of Vertebrates (Th)	CC-5 (Th)	4-1-0	4	100
2	Comparative Anatomy of Vertebrates (P)	CC-5 (P)	0-0-4	2	100
3	Physiology: Life sustaining System (Th)	CC-6 (Th)	4-1-0	4	100
4	Physiology: Life sustaining System (P)	CC-6 (P)	0-0-4	2	100
5	Physiology: Controlling and Coordination (Th)	CC-7 (Th)	4-1-0	4	100
6	Physiology: Controlling and Coordination (P)	CC-7 (P)	0-0-4	2	100
7	Skill Enhancement Course- 1	SEC- 1	2-1-0	2	100
8	Generic Elective- 3 (Th)	GE- 3 (Th)	4-1-0	4	100
9	Generic Elective- 3 (P)	GE- 3 (P)	0-0-4	2	100

Semester – IV

Sl. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Biochemistry (Th)	CC-8 (Th)	4-1-0	4	100
2	Biochemistry (P)	CC-8 (P)	0-0-4	2	100
3	Cell Biology (Th)	CC-9 (Th)	4-1-0	4	100
4	Cell Biology (P)	CC-9 (P)	0-0-4	2	100
5	Genetics (Th)	CC-10 (Th)	4-1-0	4	100
6	Genetics (P)	CC-10 (P)	0-0-4	2	100
7	Skill Enhancement Course- 2	SEC- 2	2-1-0	2	100
8	Generic Elective- 4 (Th)	GE-4 (Th)	4-1-0	4	100
9	Generic Elective- 4 (P)	GE-4(P)	0-0-4	2	100

Semester - V

SI. No.	Name of the Course	Type of Course	L-T-P	Credit	Marks
1	Molecular Biology (Th)	CC-11 (Th)	4-1-0	4	100
2	Molecular Biology (P)	CC-11 (P)	0-0-4	2	100
3	Immunology (Th)	CC-12 (Th)	4-1-0	4	100
4	Immunology (P)	CC-12 (P)	0-0-4	2	100
5	Discipline Specific Elective- 1 (Th)	DSE-1 (Th)	4-1-0	4	100
6	Discipline Specific Elective- 1 (P)	DSE- 1 (P)	0-0-4	2	100
7	Discipline Specific Elective- 2 (Th)	DSE- 2 (Th)	4-1-0	4	100
8	Discipline Specific Elective- 2 (P)	DSE- 2 (P)	0-0-4	2	100

Semester - VI

	CC-13 (Th)	4-1-0	4	100
			- 1	100
	CC-13 (P)	0-0-4	2	100
	CC-14 (Th)	4-1-0	4	100
	CC-14 (P)	0-0-4	2	100
Γh)	DSE-3 (Th)	4-1-0	4	100
P)	DSE- 3 (P)	0-0-4	2	100
	DSE- 4	0-0-6	6	100
		CC-14 (Th) CC-14 (P) Th) DSE- 3 (Th) DSE- 3 (P)	CC-14 (Th) 4-1-0 CC-14 (P) 0-0-4 (Th) DSE- 3 (Th) 4-1-0 DSE- 3 (P) 0-0-4	CC-14 (Th) 4-1-0 4 CC-14 (P) 0-0-4 2 Th) DSE- 3 (Th) 4-1-0 4 P) DSE- 3 (P) 0-0-4 2

Total Credits – 140

75 Proces

Annexure 1.26

Accounting

Semester-I

Sl. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Financial Accounting	CC-1	6-1-0	6	100
2.	Business Organization and Management	CC-2	6-1-0	6	100
3.	English Communication /MIL	AECC-1	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100

Semester-II

SI. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Business Law	CC-3	6-1-0	6	100
2.	Business Mathematics & Statistics	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-2	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100

Semester-III

Sl. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Company Law	CC-5	6-1-0	6	100
2.	Income Tax Law & Accounting	CC-6	6-1-0	6	100
3.	Marketing Management	CC-7	6-1-0	6	100
4.	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5.	Generic Elective-3	GE-3	6-1-0	6	100

76

MOT

With 2 with

April -

Vined Kumar Tiwari

Semester-IV

SI. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Corporate Accounting	CC-8	6-1-0	6	100
2.	Cost Accounting	CC-9	6-1-0	6	100
3.	Human Resource Management	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	Generic Elective-4	GE-4	6-1-0	6	100

Semester-V

Name of Course	Type of Course	L-T-P	Credit	Marks
Management Accounting	CC-11	6-1-0	6	100
Goods & Service Tax	CC-12	6-1-0	6	100
Discipline Specific Elective-1	DSE-1	6-1-0	6	100
Discipline Specific Elective-2	DSE-2	6-1-0	6	100
	Management Accounting Goods & Service Tax Discipline Specific Elective-1	Management Accounting CC-11 Goods & Service Tax CC-12 Discipline Specific Elective-1 DSE-1	Management Accounting CC-11 6-1-0 Goods & Service Tax CC-12 6-1-0 Discipline Specific Elective-1 DSE-1 6-1-0	Course Management Accounting CC-11 6-1-0 6 Goods & Service Tax CC-12 6-1-0 6 Discipline Specific Elective-1 DSE-1 6-1-0 6

Semester-VI

Sl. No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Audit & Corporate Governance	CC-13	6-1-0	6	100
2.	Financial Management	CC-14	6-1-0	6	100
3.	Discipline Specific Elective-3	DSE-3	6-1-0	6	100
4.	Discipline Specific Elective- 4 (Project/Dissertation)	DSE-4	0-0-6	6	100
				Total C	redit - 24

Total Credits - 140

DSE/GE may either carry 6 credit, i.e., Theory (4 credit) + Practical (2 credit) format

Or

Consolidated (6 credit) for Theory only

77

金丁

There

Marie