



MODIFIED DRAFT REGULATION FOR CHOICE BASED CREDIT SYSTEM (CBCS)

FOR UNDER GRADUATE COURSES UNDER RANCHI UNIVERSITY



Implemented from
Academic Session 2017-2020

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ABBREVIATIONS

AEC	Ability Enhancement Course
B.A.	Bachelor of Arts
B.Com	Bachelor of Commerce
B.Sc	Bachelor of Science
BOE	Board of Examiners
BOS	Board of Studies
CBCS	Choice Based Credits System
CBSE	Central Board of Secondary Education
CC	Core Course
CE	Controller of Examination
CGPA	Cumulative Grade Point Average
DSE	Discipline specific Elective Core Subject
ESE	End-semester Examination
FC	Foundation Course
GE	Generic Elective Subject
GPA	Grade Point Average
HC	Honours Course
ICSE	Indian Certificate of Secondary Education
JAC	Jharkhand Academic Council
MSE	Mid-semester Examination
SEC	Skill Enhancement Course
SGPA	Semester Grade Point Average
TDC	Three years Degree Course
UG	Under Graduate

Amey
16/01/18

Contents

S.No.		Page No.			Page No.
	Members of Core Committee	i	8.7	Credit	8
	Abbreviations	ii	8.7.1	Lectures (<i>L</i>)	8
	Contents	iii -ix	8.7.2	Tutorials (<i>T</i>)	8
	Regulation for Choice Based Credit System (CBCS) for Under Graduate Courses		8.7.3	Practicals (<i>P</i>)	8
1	Preamble	2	9	Grading	9
2	Objectives	2	9.1	Letter Grade	9
3	Applicability of CBCS and Grading System	3	9.2	Grade Point	9
4	Under Graduate Programme	3	10	Cumulative Grade Point Average (CGPA)	10
5	Duration (Time Frame)	3	11	Computation of SGPA and CGPA	10
6	Choosing Program Study Courses	3	12	Illustration of Computation of SGPA and CGPA and Format for Transcripts	11
7	Eligibility – For Admission	4	13	Registering for the Examinations	12
8	Definitions	6	14	Lateral Entry	12
8.1	Academic Year	6	15	Promotion, re-admission and time for completion of course	12
8.2	Academic Calendar	6	16	Ranking	12
8.3	Semester	6	17	Review	13
8.4	Choice Based Credit System (CBCS)	6		Regulation for Examinations for ‘CBCS courses’ for Under graduate Hons. Programme/ Under Graduate Programme	
8.5	Programmes	6	A1	Examination Regulation for UG Hons. (B.A., B. Sc. & B. Com.) Programme of 140 Credits	15
8.6	Courses	6	A2	Marks Distribution for Examinations for UG Hons. (B.A., B. Sc. & B. Com.) Programme of 140 Credits	15

A3	Marks distribution in Mid Sem & End Sem for Hons	15	B9	Grace Marks & Grading:	21
A4	Eligibility for appearing in End Semester Examinations	16	B10	Semester wise Scheme:	21
A5	Calculation of marks for the purpose of result	16	B11	Grades & Marks Percentage	22
A6	Pass Marks in UG Hons. Programme	16	Lists of Tables		Page No.
A7	Guidelines for Question Setter	17	Table No. 1	Grades and Grade Points	9
A8	Semester wise Scheme	17	Table No. 2	Grades and Grade Points Conversion for Undergraduate Honours Programme ie – B. Sc. Honours Programme/B. A. Honours programme/ B.Com Honours Programme	10
A9	Promotion Criteria	17	Table No.3	Illustration for SGPA	11
A10	Moderation (Grace Marks)	17	Table No. 4	Illustration for CGPA	11
A11	Grades & Marks Percentage	18	Table No. 5	Marks distribution pattern for UG Hons	19
B1	Examination Regulation for UG (B.A., B. Sc. & B. Com.) Programme of 120 Credits	19	Table No. 6	Full Marks (FM) & Pass Marks (PM) pattern for Core Course Subjects/ Major subjects	16
B2	Examination Regulation for UG Programme (B.A., B.Sc. & B. Com.) of 120 Credits	19	Table No. 7	Full Marks (FM) & Pass Marks (PM) pattern for Generic Elective Subjects or Minor Subjects	16
B3	Marks distribution in Mid Sem & End Sem for General	19	Table No. 8	Full Marks (FM) & Pass Marks (PM) pattern for Ability Enhancement Compulsory Course,	17
B4	Eligibility for appearing in End Semester Examinations	20	Table No. 9	Grades and Grade Points Conversion for Undergraduate Honours Programme	18
B5	Calculation of Marks for the purpose of result	20			
B6	Pass Marks in 120 Credit Course i.e. UG General Programme	20			
B7	Guidelines for Question Setter	21			
B8	Promotion Criteria	21			

Amey
16/01/18

Table No. 10	Marks distribution pattern for UG General	19	Table No. 21	Scheme of Examination of B.Sc. Programme Under CBCS (For Subjects with Practical Papers)	27
Table No. 11	Full Marks (FM) & Pass Marks (PM) pattern for General Course Subjects	20	Table No. 22	Scheme of Examination of B.A. Programme Under CBCS (For Subjects with Theory/Practical Papers)	28
Table No. 12	Full Marks (FM) & Pass Marks (PM) pattern for Discipline Elective Course	20	Table No. 23	Scheme of Examination of B.Com. Programme Under CBCS (For Subjects with Theory/Practical Papers)	29
Table No. 13	Full Marks (FM) & Pass Marks (PM) pattern for Compulsory Ability Enhancement Course, MIL/ EVS	20	Format of Question Papers of Theory Examination		
Table No. 14	Grades and Grade Points Conversion for Undergraduate Programme	22	1	Format for Examination Paper of 15 Marks	31
Table No. 15	Marks distribution of Theory Examinations of Mid Semester	23	2	Format for Examination Paper of 25 Marks	31
Table No. 16	Marks distribution of Theory Examinations of End Semester	23	3	Format for Examination Paper of 50 Marks	32
Table No. 17	Marks distribution of Practical Examinations of End Semester	23	4	Format for Examination Paper of 60 Marks	33
Table No. 18	Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with all Practical Papers)	24	5	Format for Examination Paper of 75 Marks	34
Table No. 19	Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with all Non-Practical Papers)	25	6	Format for Examination Paper of 100 Marks	35
Table No. 20	Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with Theory & Practical Papers both)	26	COURSE STRUCTURE FOR UNDERGRADUATE 'HONOURS' PROGRAMME		
			Annexure – I		
					Page No.
			Table AI-1	Details of courses under B.Sc./ B.A./ B.Com (Honours Programme)	37
			Table AI-1.1	Course structure for B.Sc./ B.A./ B.Com.(Hons. Programme)	38

Amey
16/01/18

COURSES OF STUDY FOR UNDERGRADUATE 'B. Sc. HONS' PROGRAMME			Table AI- 3.5	Course structure for URDU	54
AI-2	Subject Combinations allowed for B. Sc. Hons. Programme (140 Credits)	40	Table AI- 3.6	Course structure for SANSKRIT	55
AI-2.1	Generic Subject Papers for B. Sc. Hons. Programme (140 Credits)	40	Table AI- 3.7	Course structure for HO	56
AI-2.2	Course structure for PHYSICS	41	Table AI- 3.8	Course structure for KHARIA	57
AI-2.3	Course structure for CHEMISTRY	42	Table AI- 3.9	Course structure for KHORTHIA	58
AI-2.4	Course structure for MATHEMATICS	43	Table AI- 3.10	Course structure for KURMALI	59
AI-2.5	Course structure for ZOOLOGY	44	Table AI- 3.11	Course structure for KURUX	60
AI-2.6	Course structure for BOTANY	45	Table AI- 3.12	Course structure for MUNDARI	61
AI-2.7	Course structure for GEOLOGY	46	Table AI- 3.13	Course structure for NAGPURI	62
COURSES OF STUDY FOR UNDERGRADUATE 'B. A. HONS' PROGRAMME			Table AI- 3.14	Course structure for PANCH PARGANIA	63
Table AI-3	Subject Combinations allowed for B. A. Hons. Programme (140 Credits)	48	Table AI- 3.15	Course structure for SANTHALI	64
Table AI- 3.1	Generic Subject Papers for B. A. Hons. Programme (140 Credits)	49	Table AI- 3.16	Course structure for GEOGRAPHY	65
Table AI- 3.2	Course structure for HINDI	51			
Table AI- 3.3	Course structure for ENGLISH	52			
Table AI- 3.4	Course structure for BENGALI	53			

Amulya
16/01/18

Table AI- 3.17	Course structure for HISTORY	66
Table AI- 3.18	Course structure for POLITICAL SCIENCE	67
Table AI- 3.19	Course structure for PSYCHOLOGY	68
Table AI- 3.20	Course structure for SOCIOLOGY	69
Table AI- 3.21	Course structure for ECONOMICS	70
Table AI- 3.22	Course structure for ANTHROPOLOGY	71
Table AI- 3.23	Course structure for PHILOSOPHY	72
Table AI- 3.24	Course structure for HOME SCIENCE	73
	COURSES OF STUDY FOR UNDERGRADUATE 'B. Com. HONS' PROGRAMME	
Table AI- 4	Course structure for COMMERCE (Undergraduate Hons. Programme)	75

**COURSE STRUCTURE FOR UNDERGRADUATE
'GENERAL' PROGRAMME**

Annexure – II

Table AII-1	Details of courses under B.Sc./ B.A./ B.Com (Undergraduate Programme)	77
	COURSES OF STUDY FOR UNDERGRADUATE 'B. Sc. GENERAL' PROGRAMME	
Table AII-2	Course structure for B.Sc. (Undergraduate Programme)	79
Table AII-2.1	Basic Course structure for SCIENCE (Undergraduate Programme)	80
Table AII-2.2	Course structure for PHYSICS	81
Table AII-2.3	Course structure for CHEMISTRY	81
Table AII-2.4	Course structure for MATHEMATICS	82
Table AII-2.5	Course structure for ZOOLOGY	82
Table AII-2.6	Course structure for BOTANY	83
Table AII-2.7	Course structure for GEOLOGY	83

Page
No.

Amey
16/01/18

COURSES OF STUDY FOR UNDERGRADUATE 'B. A. GENERAL' PROGRAMME			Table	Course structure for KURUX	91
Table AII-3	Course structure for B.A.	85	Table AII-3.11	Course structure for MUNDARI	92
Table AII-3.1	Basic Course structure for ARTS	86	Table AII-3.12	Course structure for NAGPURI	92
Table AII-3.2	Course structure for HINDI	87	Table AII-3.13	Course structure for PANCH PARGANIA	93
Table AII-3.3	Course structure for ENGLISH	87	Table AII-3.14	Course structure for SANTHALI	93
Table AII-3.4	Course structure for BENGALI	88	Table AII-3.15	Course structure for GEOGRAPHY	94
Table AII-3.5	Course structure for URDU	88	Table AII-3.16	Course structure for HISTORY	94
Table AII-3.6	Course structure for SANSKRIT	89	Table AII-3.17	Course structure for POLITICAL SCIENCE	95
Table AII-3.7	Course structure for HO	89	Table AII-3.18	Course structure for PSYCHOLOGY	95
Table AII-3.8	Course structure for KHARIA	90	Table AII-3.19	Course structure for SOCIOLOGY	96
Table AII-3.9	Course structure for KHORTHIA	90	Table AII-3.20	Course structure for ECONOMICS	96
Table AII-3.10	Course structure for KURMALI	91	Table AII-3.21	Course structure for ANTHROPOLOGY	97
			Table AII-3.22		

Amey
16/01/18

Table AII-3.23	Course structure for PHILOSOPHY	97
-------------------	---------------------------------	----

Table AII-3.24	Course structure for HOME SCIENCE	98
-------------------	-----------------------------------	----

**COURSES OF STUDY FOR UNDERGRADUATE
'B. Com. GENERAL' PROGRAMME**

Table AII-4	Basic Course structure for COMMERCE	100
----------------	-------------------------------------	-----

**SAMPLE CALCULATION FOR SGPA & CGPA
FOR UNDERGRADUATE 'B.Sc./B.A./B.Com
HONOURS & GENERAL' PROGRAMME**

Annexure – III

Table AIII-1	Distribution of Credits Semester wise for Undergraduate Honours Courses	102
-----------------	---	-----

Table AIII-2	Distribution of Credits Semester wise for Undergraduate General Courses	102
-----------------	---	-----

Table AIII-3	Sample calculation for SGPA for B.Sc./B.A./B.Com Honors Programme	103
-----------------	---	-----

Table AIII-4	Sample calculation for CGPA for B.Sc./B.A./B.Com Honors Programme	104
-----------------	---	-----

Table AIII-5	Sample calculation for SGPA for B.A./B.Com Programme	105
-----------------	--	-----

Table AIII-6	Sample calculation for CGPA for B.A./B.Com Honours Programme	106
-----------------	--	-----

Amey
16/01/18

MODIFIED DRAFT REGULATION FOR '**CBCS**'
HONOURS & GENERAL PROGRAMME

DRAFT REGULATION FOR CHOICE BASED CREDIT SYSTEM (CBCS)

FOR UNDER GRADUATE COURSES

1. PREAMBLE:

The University Grants Commission (UGC) has initiated several measures to bring equity, efficiency and excellence in the Higher Education System of country. The important measures taken to enhance academic standards and quality in higher education include innovation and improvements in curriculum, teaching-learning process, examination and evaluation systems, besides governance and other matters. The UGC has formulated various regulations and guidelines from time to time to improve the higher education system and maintain minimum standards and quality across the Higher Educational Institutions (HEIs) in India. The academic reforms recommended by the UGC in the recent past have led to overall improvement in the higher education system. However, due to lot of diversity in the system of higher education, there are multiple approaches followed by universities towards examination, evaluation and grading system. While the HEIs must have the flexibility and freedom in designing the examination and evaluation methods that best fits the curriculum, syllabi and teaching-learning methods, there is a need to devise a sensible system for awarding the grades based on the performance of students. Presently the performance of the students is reported using the conventional system of marks secured in the examinations or grades or both. The conversion


from marks to letter grades and the letter grades used vary widely across the HEIs in the country. This creates difficulty for the academia and the employers to understand and infer the performance of the students graduating from different universities and colleges based on grades.

The grading system is considered to be better than the conventional marks system and hence it has been followed in the top institutions in India and abroad. So it is desirable to introduce uniform grading system. This will facilitate student mobility across institutions within and across countries and also enable potential employers to assess the performance of students. To bring in the desired uniformity, in grading system and method for computing the cumulative grade point average (CGPA) based on the performance of students in the examinations, the UGC has formulated these guidelines.

2. OBJECTIVES:

Introduction of Choice Based Credit System has following objectives:

- i. To make the course curriculum learner centric
- ii. To encourage inter-disciplinary without disturbing the domain centric knowledge
- iii. To promote mobility of students and help in optimizing learning
- iv. To allow autonomy to the teachers with built in accountability.
- v. Continuous evaluation of students to help in optimizing learning
- vi. To introduce transparency in the evaluation system
- vii. To improve employability among students


16/01/18

3. APPLICABILITY OF CBCS AND GRADING SYSTEM

- i. The Regulation herein specified applies to all full – time undergraduate (Non- Vocational) Program under choice Based Credit System by the Ranchi University, Ranchi herein after referred to as the University.
- ii. The College imparting undergraduate teaching, hereinafter, shall be referred to as college.

4. UNDER GRADUATE PROGRAMME

- i. The University is offering several undergraduate courses in its different constituent and affiliated colleges in the Faculty of Science, Faculty of Social Science, Faculty of Humanities and Faculty of Commerce for the award of degree for B. Sc., B.A., and B. Com., Honours and General degree Programmes.
- ii. A participant of the program is a student who registered himself/ herself with the University for a Course study (as specified in para 4.i) and attends the same.
- iii. Full-time program is those program where the participants study as per schedule and are not employed.

5. DURATION (TIME FRAME)

- i. The UG (TDC) programme for a regular student shall be for a period of three years to be completed in a maximum of ‘**Six Years**’ period from the date of admission of the candidate.
- ii. Each academic year shall comprise of two semesters, viz. Odd and Even semesters.

- iii. Odd Semesters shall be from July to December and the Even Semester shall be from January to June.

6. CHOOSING PROGRAM STUDY COURSES

- i. At the time of admission each student will identify an **Honours (Main/ Major)** subject in which he/she will concentrate and one **Elective (Allied/ Minor)** subject, which he/she would choose to study.
- ii. Honours would be the programme in which the student will have to take **core courses (hard and soft core and / or elective)** as defined below prescribed by the concerned UG Board of Studies and the Faculty.
- iii. Honours once selected would not be changed unless the student quits a programme and joins a new programme.
- iv. Elective on the other hand, would be the subjects that would be chosen by the student out of a number of subject combinations suggested and approved by the UG BOS of Ranchi University.
- v. In these subjects the student will be required to accumulate a certain minimum number of credits (as defined in case of Honours Programme & General Programme) in order to qualify for the UG degree.
- vi. For CBCS Programme combination of choices for B.Sc./ B.A./ B.Com. Hons. have been annexed as **Annexure – I**
- vii. Combination of choices for B.Sc./ B.A./ B.Com. General Programme have been annexed as **Annexure – II**


16/01/18

7. ELIGIBILITY – FOR ADMISSION

- i. The candidate seeking admission in Honours course must have obtained at least 45% marks in the subject concerned at the Intermediate/ equivalent examinations.
- ii. The students passing Intermediate/ equivalent examination in Science securing 45% shall be eligible for admission either in Arts or Commerce Honours. Like-wise students who have passed with Intermediate Arts or Commerce for faculty change provided they have secured 45% in aggregate.

“The passing Intermediate/ +2 examination or equivalent examinations in Arts are allowed to opt for Honours course in any subject in Arts Faculty (Humanities & Social Science) and Intermediate/ +2 Science in Geology (Science Faculty). Whether or not the subject was offered at Intermediate/ +2 level, for admission in Bachelor of Arts & Science programme (Humanities, Social Science & Science) provided that they have obtained at least 45% marks in aggregate.

However, if such students opt for Honours course in one of the subject offered in Intermediate/ +2 examination or equivalent examination in Arts & Science, they must have obtained at least 45% marks in the subject concerned”. This will be

effective from the Academic year 2017-18 and onwards.

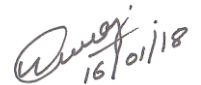
- iii. 85% seats in all undergraduate courses shall be filled up from, against the student belonging in the territorial jurisdiction of Ranchi University.
- iv. Selection for the remaining 15% seats be made open for all i.e. Ranchi University as well as other University students on the basis of merit. These seats shall also be filled up by the students belonging to all categories.

For admission in any programme of U.G. under Ranchi University Constituent College/ Affiliated College, the Admission – In- Charge/ Principal/ HOD must see that 50% of the seats are filled up by open merit (i.e. irrespective of sex/ caste etc. or even students belonging to SC/ST/OBC, may complete under this category because of their merit, and the rest 50% of the seats are to be filled up exclusively by the students belonging to the reservation category.

- a. Thus, the name of students seeking admission should first be arranged in order of merit. The 50% name of the sanctioned number of seats be admitted irrespective of caste/ community. In the rest 50% of the seats following percentage of reservation be followed:
- b. Schedule Tribe - 26%
- c. Scheduled Caste - 10%
- d. Other Backward Caste- 14% (BC-I – 8%; BC-II – 6%)


16/01/18

- v. The criteria for admission under the heads shall be the minimum pass marks at the last lower examination. A separate panel for SC/ ST and OBC students, based on merit shall be prepared separately. In case some seats remain unfilled by any of these above three categories (ST/SC/ OBC) of students the vacant seats shall be filled up in the following manner –
- a. Against the vacant seats of SC, the ST candidates be admitted
 - b. Against the vacant seats of ST, the SC candidates if available, be admitted
 - c. If no candidates of SC and ST are available for admission, the vacant seats be filled up by the students belonging to OBC in addition to their quota.
 - d. If the specific reservation quota for SC/ST/OBC remain unfilled, the admission of general category students be made in order of merit.
- vi. A weightage of 10% marks shall be given to the employees/wards of employees of the university (Ward would mean – son/ daughter/ husband/ wife/ dependent own brother and sisters) subjects to be the conditions that it should not exceed 10 per cent of the total seats.
- vii. A weightage 5% in total marks obtained at the last examination shall be given to all the girls students (Except in Women Colleges) including those who belong to reservation categories. However, the benefit on account of such a weightage in marks shall be restricted to 50% of the total sanctioned seats.
- viii. NCC cadets holding “C” Certificate be given weightage of 5% marks over the marks obtained at their respective examination, 3% weightage on “B” Certificate in matter of admission and 1% on "A" Certificate in matter of admission.
- ix. The Scouts & Guide recipient of *Rastrapati* Award shall be given weightage of 5% marks on total marks obtained in the last examination.
- x. A weightage of 2% marks shall be given to trained First Class third stage of Jharkhand State institute of Scout and Guide.
- xi. In addition to the above 5% of seats may be allotted for outstanding sports person/ NSS (Minimum 240 hours & Special Camp) of all categories who represented the National/ State/ University at the University College/ School level.
- xii. Two additional seats are allowed for residents of Jammu & Kashmir vide Ranchi University notification No. DSW/185/15 dated 27.08.2015.
- xiii. 3% seats shall be reserved for differently abled persons (Persons with physical disability) which will be distributed as below:
- a. 1% for persons with vision impairment,
 - b. 1% for the persons with hearing impairment
 - c. 1% persons with locomotors disability
- xiv. 3% seats, over and above the sanctioned strength, will be reserved for meritorious students participating in Youth Festival/ Cultural activities.


16/01/18

- xv. The principal is authorized to admit the wife / son/ daughter of military personnel in addition to regular sanctioned number of seats as compliance of Ministry of Defence Letter No 3547/AS(R)/94 dated 3/06/1994.
- xvi. The principal is authorized to admit physically handicapped students in UG class in addition to regular sanctioned number of seats.

8. DEFINITIONS:

- i. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- ii. **Academic Calendar:** An Academic Calendar will be prepared by the university to maintain uniformity in the CBCS of the UG Honours Programmes, UG Programmes, semesters and course in the college run under the university (Constituent /Affiliated).
- iii. **Semester:** An academic year comprising 180 working days in the least is divided into two semesters, each semester having at least 90 working days. With six working days in a week this would mean that each semester will have $90 / 6 = 15$ teaching/ working weeks. Considering that each teaching day has 5 teaching/ working hours, a teaching week would have $5 \times 6 = 30$ working /teaching hours and each semester will have $30 \times 15 = 450$ teaching hours available for each student.
- iv. The odd semester is scheduled from July to December and the even semester from January to June. Each week has a minimum 30 working hours spread over 6 days.

- v. Each semester will include – Admission, Course work, Conduct of examination and declaration of result including semester break.
- vi. **Choice Based Credit System (CBCS):** CBCS provides choice for students to select from the prescribed Programme.
- vii. **Programmes:**
 - a) An undergraduate programme leading to the Undergraduate Honours Degree B. Sc. Honours Programme/ B. A. Honours programme/ B.Com Honours Programme
 - b) An Undergraduate Programme – B.Sc. General/ B.A. General/ B.Com. General degree.
- viii. **Courses:**
 - a) A course is a structured set of instructions that are imparted to a student on the basis of a syllabus or a framework decided beforehand (and has the sanction of the different academic (Board of Studies, Faculty, Academic Council) and executive (Senate/ Executive Council, Finance Committee) bodies of the University extended over a semester as defined above in para 8 (i-vii).
 - b) Each course is designed variously under instructions given as Lectures, Tutorials, and Practical (laboratory and field exercises). Usually these components are referred to as *L*, *T*, and *P* components. The credits for each course


16/01/18

determine the volume of the course content. Courses of a programme:

- c) Ability Enhancement Course (AEC)/ Foundation Courses (FC): Foundation courses are the courses based upon the content that leads to knowledge enhancement and man-making education.
- d) Core Courses (CC): These courses are to be compulsorily be studied by a student as a core requirement of a Honours programme in a said discipline of the study. It comprises of two courses:
 - I. Honours Course (HC): these courses belong to a subject in which student receives degree of Honours.
 - II. Discipline Specific Elective Core Subjects (DSE): these courses belong to Honours specific elective subjects opted by a student from allowed subject combination along with the Honours Course Subject during Semester-V and VI.
- a) Generic Elective Subject (GE): these courses may be select from the pool of subjects which will be supportive to the student in a discipline of study
- b) Skill Enhancement Course (SEC): will enable exposure to some other discipline/ domain, and will nurture student's proficiency/ skill.
- c) Allowed Course Combinations: The Board of Studies (BOS) may revise subject combination from time to

time. Combinations of subjects are presented in the annexed tables.

- ix. The BOS may add or delete subjects in the combination of subjects.
- x. Each **UG Hons Programme** shall be designed as **140 credits**, full-time undergraduate degree programme delivered in **Six (06) Semesters**.
- xi. Each **UG General Programme** shall be designed as **120 credits**, full-time undergraduate degree programme delivered in **Six (06) Semesters**.
- xii. At the time of admission, a student will identify an Honours (140 Credits)/ General programme (120 Credits) in which he/she shall concentrate. Apart from the Hons/ Core Course he/she will have to select one generic elective subject (04 courses). He/she will also have to select DSE, AECC and SEC from the provided pool of choices.
- xiii. Each programme shall be structured with common compulsory subjects Hindi (MIL)/ Hindi (MIL + Non Hindi)/ English Communication & Environmental Studies. Business Communication may be opted by Students of Commerce instead of Language Communication.
- xiv. **Credit**
The term 'credit' refers to the weightage given to a course, usually in terms of the number of instructional hours per week assigned to it. This explains why usually 'credit' is taken to

Amey
16/01/18

mean 'credit hours'. The credits also determine the volume of course contents and delivery of programme such as lectures tutorials, practical, assignments etc. Credit will mean as per definition:

Credit: Credit stands for following in the context of CBCS. Term Credit has a connotation of achievement or earning through learning effort.

- a. It also implies successful completion of a course of study measured in terms of class room instruction hours/week in the courses being studied in that semester. It also implies learning effort required on the part of the learner.
- b. It also measures the volume of the content to be delivered in the course being studied CBCS for Undergraduate Courses. Credits of a course also indicates the weight age of a course for calculating Grade Point Average (GPA) Though credits are not directly related to marks, as thumb rule we may consider One Credit point =25 marks.
- c. For the purpose of credit determination, instruction is divided into three components:

Lectures (L) – Classroom lectures of one-hour duration.

Tutorials (T) – Special, elaborate instructions on specific topics (from Lectures) of one-hour duration.

Practical (P) – Laboratory or field exercises in which the student has to do experiments or other practical work of two-hour duration.

- d. Each one of these components is considered as equal to **one credit hour**. One lecture (*L*) as well as one Tutorial (*T*) of one hour a week is considered as one credit, whereas one Practical (*P*) of two hours a week is considered as one credit. The total weightage given to a course in terms of credits will be equal to $L + P/T$, where *L* is the number of one hour Lectures per week, *T* is the number of one hour Tutorials per week, and *P* is the number of two hours Practical per week. This can be written in symbols as:

$$C = L + P/T$$

Where, *C* is the credit weightage for a particular course.

- e. The total minimum credits required for an under graduate degree programme is one hundred and forty (140) or one hundred twenty (120) as defined in the para 8(x, xi).
- f. All courses needed not carry the same weight. The course should define learning objectives and learning outcomes. A Course is designed to comprise lecture/ tutorials/ laboratory work/ field work/ project work/ viva/ seminars/ assignments/ presentations etc. or a combination of some of these

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16/01/18

- g. **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit shall mean one hour of teaching (lecture or tutorial) or two hours of laboratory /practical work per week in a semester of 15 weeks.
- h. **One credit** = 14 Hours of teaching i.e., 14 Credit Hours
- i. **One credit** = 28 Hours of Practical work

9. GRADING:

- a. Credit Weighed Marking System: Performance of a student is evaluated in terms of earned credit weighed marking system. Earned credits are defined as the sum of course credits in which grade points above a certain cut off have been obtained for declaring learner pass in that course.
- b. An absolute grading will be followed where the marks are converted directly to the grades based on pre-determined class intervals.
- c. A 10-point grading system with the following letter grades as given below will be followed:
 - i. **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
 - ii. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale (Table No. 1 & 2).

Table No. 1. Grades and Grade Points

Letter Grade	Grade Point
O (Outstanding)	10
A+(Excellent)	9
A(Very Good)	8
B+(Good)	7
B(Above Average)	6
C(Average)	5
P (Pass)	4
F(Fail)	0
Ab (Absent)	0

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16/01/18

Table No. 2. Grades and Grade Points Conversion for Undergraduate Honours/ Undergraduate Programme ie – B. Sc. Honours Programme/B. A. Honours programme/ B.Com Honours Programme/ B. Sc. General Programme/B. A. General programme/ B.Com General Programme

Class interval of Marks %	Grade Point	Letter Grade	Grade	Conventional Equivalent
90 % and above	10	O	Outstanding	First Class with Distinction
75 to less than 90	9	A+	Excellent	
60 to less than 75	8	A	Very Good	First Class
55 to less than 60	7	B+	Good	Second Class
50 to less than 55	6	B	Above Average	
45 to less than 50	5	C	Average	
40 to less than 45	4	P	Pass	
Below 40	0	F	Fail	Fail
Absent	0	Ab	Absent	

10. CUMULATIVE GRADE POINT AVERAGE (CGPA):

It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

11. COMPUTATION OF SGPA AND CGPA:

- The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)
- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.

Thus, SGPA =

$$\frac{\text{All } \sum \text{Course } [(Credits \text{ in each course}) \times (Grade \text{ point in that course})]}{\text{Total No. of Credits in that semester}}$$

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16/01/18

- c. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.

Thus, CGPA =

$$\frac{\text{All semester } \sum [(SGPA \text{ in each semester}) \times (\text{Total Credits in that semester})]}{\text{Total No. of Credits in all semesters}}$$

- d. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

12. Illustration of Computation of SGPA and CGPA and Format for Transcripts

- Computation of SGPA (Table No. 3)
- Computation of CGPA (Table No. 4)

Table No. 3. Illustration for SGPA

Course	Credit	Grade letter	Grade point	Credit Point (CreditXGrade)
Course 1	3	A	8	3X8=24
Course 2	4	B+	7	4X7=28
Course 3	3	B	6	3X6=18
Course 4	3	O	10	3X10=30
Course 5	3	C	5	3X5=15
Course 6	4	B	6	4X6=24

Thus, SGPA =139/20 =6.95

Table No. 4. Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit : 20 SGPA:6.9	Credit : 22 SGPA:7.8	Credit : 25 SGPA: 5.6	Credit : 26 SGPA:6.0
Semester 5	Semester 6		
Credit : 26 SGPA:6.3	Credit : 25 SGPA: 8.0		

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16/01/18

Thus, CGPA =

$$\frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0}{144}$$

- a. Transcript (Format): Based on the above recommendations on Letter grades, grade points and SGPA and CCPA, the HEIs may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

13. VALIDITY OF REGISTRATION

- a. Validity of a registration will be for maximum for Six years from the date of registration.
- b. If an examinee fails to obtain minimum marks to secure honours he/she will be awarded maximum five (5) marks as grace marks in one paper.

14. LATERAL ENTRY

- a. There will be lateral entry of the students only in semester III and V.
- b. Provided that he/she must have cleared all (total) the credits of previous semester.
- c. The material contain of the syllabus must be equivalent and there should not be variation in syllabus more than 30%.

15. PROMOTION, RE-ADMISSION AND TIME FOR COMPLETION OF COURSE

- a. A candidate shall have maximum of 12 semesters (six academic years) for completion of a said programme in case he/she wishes to go at a slower pace by registering a minimum of 12 credits per semester. However, he/she will have to pay the prescribed registration fee for each of the semester in addition to the course fee for the courses he/she avails during each semester.
- b. The minimum and maximum number of credits may increase provided a candidate opts for Add on courses.
- c. The tentative/ provisional grade shall be issued at the end of every semester indicating the courses completed successfully. The final Grade Card may be issued by the Registrar of the concerned university after a candidate has successfully completed all the courses of the said programme.
- d. Refer Point No. A-9, Page No.17 for promotion criteria for Honours courses in detail.
- e. Refer Point No. B-8, Page No.21 for promotion criteria for General courses in detail.

16. RANKING

The Merit List and Ranking thereupon shall be prepared only for Regular Examinees, who passed the Examination in single attempt.


16/01/18

17. REVIEW

The University can, at any time, review, alter, substitute, amend or delete any of the provisions of this regulation subject to such conditions as may be prescribed by the UGC and as per any special situation arising during the operation of these regulation as felt by Academic Council of the University.

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REGULATION FOR EXAMINATIONS
FOR '**CBCS COURSES**' FOR
UNDER GRADUATE HONS. PROGRAMME/ UNDER GRADUATE PROGRAMME

A (UG Hons. Programme)

A1. Examination Regulation for UG Hons. (B.A., B. Sc. & B. Com.) Programme of 140 Credits

- I. Mid Semester Theory Examination in Core and Discipline Specific Elective Courses will be organized at College/Institution level.
- II. In each Honours Subject there will be 14 papers in Core Courses (CC), 4 papers in Discipline Specific Elective Course (DSE) & 2 papers in Skill Enhancement Course (SEC). DSE & SEC Courses will be selected from Hons. Subject only.
- III. Student will offer 4 papers in One Generic Elective Course of Interdisciplinary nature from the allowed combinations offered by the Ranchi University, Ranchi.
- IV. In addition to above, the student has to opt for One paper in MIL (Hindi) Communication/ English Communication/ Non Hindi (NH + MB) Communication in First Semester of the CBCS Curriculum. Business Communication will be the choice for students of Commerce only.
- V. There will be One Compulsory paper of Environmental Science in Second Semester of CBCS Curriculum.
- VI. There shall be only one Practical Examination in each semester for Core and DSE papers separately.
- VII. Practical Examinations will be conducted by One External & One Internal Examiners.

A2. Marks Distribution for Examinations for UG Hons. (B.A., B. Sc. & B. Com.) Programme of 140 Credits

- I. There will be only one Mid Semester Examination, which will be organized at college/institution level.
 - b) Out of 100 Marks in Mid Semester Theory Examination, Non-practical subjects will be of 25 marks whereas, Practical subjects in Mid Semester Theory Examination will be of 15 marks only.
 - c) 25 Marks in Theory Examination may include 10 Marks questions from Assignment/Project/Tutorial wherever applicable.
- IV. Marks Distribution of Theory & Practical Examinations will be as per guidelines given for Question Setters annexed as Table Nos.15, 16 & 17.
- V. Marks distribution Semester wise for Courses with Practical Papers, Non Practical Papers & for Courses having mixed combination of Theory & Practical Papers are annexed in Table Nos. 18, 19 & 20 respectively.
- VI. College/institution may conduct special Mid Semester Examination for defaulters against genuine reasons before filling End Semester Examination Form.

A3. Marks distribution will be as shown in Table No.- 1

Table No. 5: Marks distribution pattern

Subject	FM		Mid Semester	End Semester	
Non- Practical Subjects	100		25	75	
Practical Subjects	T	P	T	T	P
	75	25	15	60	25

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A4. Eligibility for appearing in End Semester Examinations (ESE):

- I. If a candidate/student has not appeared in the Mid Semester Examination organized at college level, he/she will not be eligible to fill up the End Semester Examination Form for End Semester Examination to be organized at university level for that semester.
- II. A student will not be allowed to repeat the Mid Semester Examination if he/she has appeared once in the Mid Semester Examination organized by the college/institution.
- III. If a student failed to secure pass marks in aggregate of Mid Semester & End Semester, He/She will be required to reappear in End Semester Examination of following Sessions within period of Upper Limit of Six Years.

A5. Calculation of marks for the purpose of result:

- I. Students' final marks and the result will be based on the marks obtained in Mid Semester and End Semester Examination organized taken together.

A6. Pass Marks in 140 Credit Course i.e. **UG Hons. Programme:**

- I. The pass marks in 140credit course will be 40% of the total marks obtained (as calculated in ParaA6.I) in each **Core Course/ Discipline Elective Course** offered by the Student.

Table No. 6: Full Marks (FM) & Pass Marks (PM) pattern for Core Course
Subjects/ Major subjects

Subjects/ Major subjects	FM	PM
Non- Practical Subjects	100	40
Practical Subjects: Theory Paper	75	30
Practical Subjects: Practical Paper	25	10
Practical Subjects: Practical Paper	50	20
Practical Subjects: Practical Paper	75	30

- II. For **Generic Elective/ Skill Enhancement Courses** or Minor Subjects the Pass Marks will be as follows:

Table No. 7: Full Marks (FM) & Pass Marks (PM) pattern for Generic Elective
Subjects or Minor Subjects

Generic Elective Subjects (Minor)	FM	PM
Non- Practical Subjects	100	40
Practical Subjects: Theory Paper	75	30
Practical Subjects: Practical Paper	25	10

- III. To pass in **MIL Non-Hindi** subject, a student must obtained minimum 40 marks as the aggregate of the two subjects taken together. Besides, He/She must also get 40% pass marks in both the papers individually.

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Table No. 8: Full Marks (FM) & Pass Marks (PM) pattern for Ability Enhancement Compulsory Course,

	FM	PM
MIL	100	40
MIL (Non-Hindi) - Hindi	50	20
Other Language	50	20

A7. Guidelines for Question Setter:

- I. Marks Distribution of Theory & Practical Examinations with guidelines for Question Setters as annexed in Table Nos. 11, 12 & 13.
- II. Question Paper shall show Full Marks (FM), Pass Marks (PM) & Max Time allowed (in Hrs.) at the top of the Question Paper.
- III. There will be two category of Questions namely **Group A** & **Group B**. Group A will be of very short answer type (may be objective type) of 1 mark each & short answer type of 5 marks and questions in this group will be all compulsory. Group B will contain long answer type questions. The number of questions in this group will be as given in guidelines tabulated in Table 11 & 12 for Mid Semester and End Semester Examinations respectively.

A8. Semester wise Scheme:

- I. Marks distribution Semester wise for Courses with Practical Papers, Non Practical Papers & for Courses having mixed combination of Theory & Practical Papers are annexed in Table Nos. 13, 14& 15 respectively.

A9. Promotion Criteria:

- I. The Requisite Marks obtained by a student in a particular subject will be the criteria for promotion to the next Semester.
- II. No student will be detained in odd Semesters (I, III & V).
- III. To get promotion from Semester-II to Semester-III a Student will be required to pass in at least 50% of Core course (CC), Ability Enhancement Compulsory Course (AECC) and Generic Elective Course (GEC) separately, however it will be necessary to procure pass marks in each of the paper before completion of the course.
- IV. To get promotion from Semester-IV to Semester-V (taken together of Semester I, II, III & IV) a student has to pass in minimum 12 papers out of the total 18 papers.

A10. Moderation (Grace Marks):

- I. Grace marks will be awarded in theory papers only.
- II. A maximum of 5 marks; only in one paper, only once in complete academic cycle; will be awarded as grace marks.

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16/01/18

III. Grace marks will be awarded in the condition of requirement for the change of status of result viz: Not-promoted to Promoted & for Promoted to Pass.

IV. A student will have to clear all his papers within Six Years of duration to qualify for the degree.

V. On completion of the course 140 credit, a student will get a comprehensive result with marks sheet on hybrid system i.e. on Grade system, percentage system.

A11. Grades & Marks Percentage:

- I. A 10-point grading system with the letter grades as given below will be followed:
- ii. **Letter Grade:** It is an index of the performance of students in a particular course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- iii. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale tabulated in Table No. 9.

Table No. 9: Grades and Grade Points Conversion for Undergraduate Honours Programme

Class interval of Marks %	Grade Point	Letter Grade	Grade	Conventional Equivalent
90 % and above	10	O	Outstanding	First Class with Distinction
75 to less than 90	9	A+	Excellent	
60 to less than 75	8	A	Very Good	First Class
55 to less than 60	7	B+	Good	Second Class
50 to less than 55	6	B	Above Average	
45 to less than 50	5	C	Average	
40 to less than 45	4	P	Pass	
Below 40	0	F	Fail	Fail
Absent	0	Ab	Absent	

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B (UG Programme)

B1. Examination Regulation for UG (B.A., B. Sc. & B. Com.) Programme of 120 Credits

- I. There will be only End Semester Examination in B.A., B. Sc. & B. Com. Programme of 120 Credits for Core, Discipline Specific Elective and Ability Enhancement Compulsory Courses organized at University level.
- II. Student will be offered 4 papers in Three Core Courses (CC) of allowed combinations, 2 papers in Discipline Specific Elective Course (DSE) of each Core Courses opted & 4 papers in Skill Enhancement Course from One of the Three Core Courses offered above.
- III. Student from Science stream shall offer Core Courses from Science Stream.
- IV. Student from Arts stream shall offer Any One Language as First Core Course and any Two from Subjects of Arts Stream. Only One Practical Subject will be allowed.
- V. Student from Commerce stream shall offer Core Courses from Commerce Stream taught in Ranchi University, Ranchi.
- VI. In addition to above the student has to opt for One paper in MIL (Hindi) Communication/ English Communication/ MIL-NH (Hindi + NH) Communication in First Semester of the CBCS Curriculum. Business Communication will be the choice for students of Commerce only.

- VII. There will be One Compulsory paper of Environmental Science in Second Semester of CBCS Curriculum.
- VIII. Practical Examinations will be conducted by One External & One Internal Examiners.

B2. Examination Regulation for UG Programme (B.A., B.Sc. & B. Com.) of 120 Credits:

- I. There will be only one End Semester Examination, which will be organized at University level.
- II. Marks Distribution of Theory & Practical Examinations will be as per guidelines given for Question Setters annexed as Table Nos. 16 & 17.
- III. Marks distribution Semester wise for Courses with Practical Papers, Non Practical Papers & for Courses having mixed combination of Theory & Practical Papers are annexed in Table Nos. 21, 22 & 23 respectively.

B3. Marks distribution will be as shown in table No.10

Table No. 10: Marks distribution pattern

Subject	FM		Mid Semester	End Semester	
	T	P	T	T	P
Non- Practical Subjects	100		-	100	
Practical Subjects	75	25	-	75	25

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16/01/18

B4. Eligibility for appearing in End Semester Examinations (ESE):

- I. If a candidate/student has not appeared in the Mid Semester Examination organized at college level, he/she will not be eligible to fill up the Examination form for End Semester Examination to be organized at university level by the university for that Semester.
- II. A student will not be allowed to repeat the Mid Semester Examination if he/she has appeared once in the Mid Semester Examination organized by the college/institution.
- III. If a student failed to secure pass marks in End Semester, He/She will be required to reappear in End Semester Examination of following Sessions within period of Upper Limit of Six Years.

B5. Calculation of Marks for the purpose of result:

- I. Students' final marks and the result will be based on the marks obtained in Mid Semester and End Semester Examination as taken together.

B6. Pass Marks in 120 Credit Course i.e. UG General Programme:

- I. The pass marks in 120 credit course will be 40% of the total marks obtained (as calculated in para B5.I) in each Core Course subject of the Core Course offered by the student.

Table No. 11: Full Marks (FM) & Pass Marks (PM) pattern for General Course Subjects

Course Subjects Types	FM	PM
Non- Practical Subjects	100	40
Practical Subjects: Theory Paper	75	30
Practical Subjects: Practical Paper	25	10

- II. For **Discipline Elective Course** of Generic Elective Subjects the Pass Marks will be as follows:

Table No. 12: Full Marks (FM) & Pass Marks (PM) pattern for Discipline Elective Course

Discipline Elective Subjects	FM	PM
Non- Practical Subjects	100	40
Practical Subjects: Theory Paper	75	30
Practical Subjects: Practical Paper	25	10

- III. To pass MIL Non- Hindi the aggregate of the two subjects taken together will be 40 Marks.

Table No. 13: Full Marks (FM) & Pass Marks (PM) pattern for Compulsory Ability Enhancement Course, MIL/EVS

Subjects/ Course	FM	PM
MIL/ EVS	100	40
MIL (Non-Hindi) - Hindi	50	20
Other Language	50	20

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16/01/18

B7. Guidelines for Question Setter:

- I. Marks Distribution of Theory & Practical Examinations with guidelines for Question Setters is annexed in Table Nos. 11, 12 & 13.
- II. Question Paper must express Full Marks (FM), Pass Marks (PM) & Max Time in Hrs. at the top of the Question Paper.
- III. There will be two category of Questions namely **Group A & Group B**. Group A will be of very short answer type (may be objective type) of 1 mark each & short answer type of 5 marks and questions in this group will be all compulsory. Group B will contain long answer type questions. The number of questions in this group will be as given in guidelines tabulated in Table 11 & 12 for Mid Semester and End Semester Examinations respectively.

B8. Promotion Criteria:

- I. The Requisite Marks obtained by a student in a particular subject will be the criteria for promotion to the next Semester.
- II. No student will be detained in odd Semesters (I, III & V).
- III. To get promotion from Semester-II to Semester-III a Student will be required to pass in at least 50% of Core course (CC) and Ability Enhancement Compulsory Course (AECC) separately, however it will be necessary to procure pass marks in each of the paper before completion of the course.

- IV. To get promotion from Semester-IV to Semester-V (taken together of Semester I, II, III & IV) a student has to pass in minimum 10 papers out of the total 16 papers.

B9. Grace Marks & Grading:

- I. Grace marks will be awarded in theory papers only.
- II. A maximum of 5 marks; only in one paper, only once in complete academic cycle; will be awarded as grace marks.
- III. Grace marks will be awarded in the condition of requirement for the change of status of result viz: Not-promoted to Promoted & for Promoted to Pass.
- IV. A student will have to clear all his papers within Six Years of duration to qualify for the degree.
- V. On completion of the course 120 credit a student will get a comprehensive result with marks sheet on hybrid system i.e. on Grade system, percentage system.

B10. Semester wise Scheme:

- I. Marks distribution Semester wise for Courses with Practical Papers, Non Practical Papers & for Courses having mixed combination of Theory & Practical Papers are annexed in Table Nos. 17, 18 & 19 respectively.

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16/01/18

B11. Grades & Marks Percentage:

- II. A 10-point grading system with the following letter grades as given below will be followed:
- a. **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
 - b. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale tabulated in Table No. 14.

Table No. 14: Grades and Grade Points Conversion for Undergraduate Programme

Class interval of Marks %	Grade Point	Letter Grade	Letter Grade	Conventional Equivalent
90 % and above	10	O	Outstanding	First Division with Distinction
75 to less than 90	9	A+	Excellent	
60 to less than 75	8	A	Very Good	First Division
55 to less than 60	7	B+	Good	Second Division
50 to less than 55	6	B	Above Average	
45 to less than 50	5	C	Average	
40 to less than 45	4	P	Pass	
Below 40	0	F	Fail	Fail
Absent	0	Ab	Absent	

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16/01/18

Marks Distribution of Theory Examinations:

Table No. 15: Marks distribution of Theory Examinations of Mid Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A	Group B
Mid Sem*	T15	15	6	1 Hr	5 x1 =5	2 (out of 3) x5 =10	5	3
	T25	25	10	1 Hr	5 x1 =5	4 (out of 6) x5 =20	5	6

Table No. 16: Marks distribution of Theory Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A [#] (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A [#]	Group B
End Sem	T60	60	24	3 Hrs	Q.No.1 (10x1) + 1x5 =15	3 (out of 5) x15 =45	2	5
	T75	75	30	3 Hrs	Q.No.1 (10x1) + 1x5 =15	4 (out of 6) x15 =60	2	6
	T100	100	40	3 Hrs	Q.No.1 (10x1) + 2x5 =20	4 (out of 6) x20 =80	3	6
	T50 +T50	50X2=100	20	3 Hrs	2 x5 =10	2 (out of 3) x20 =40	2	3

Question No.1 in Group-A carries 10 very short answer type 1 Mark Questions.

Marks Distribution of Practical Examinations:

Table No. 17: Marks distribution of Practical Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Time	Distribution of Marks			Total No. of Questions to Set
					Experiment	Record	Viva	
End Sem	P25	25	10	3 Hrs	15	5	5	Pr. with components of both papers Pr. with components of all three papers Pr. with components of all four papers
	P50	50	20	3 Hrs	30	10	10	
	P75	75	30	3 Hrs	45	15	15	
	P100	100	40	3 Hrs	60	20	20	

Abbreviations : T= Theory Examination, P= Practical Examination.

Mid Sem* : There will be 15 Marks Theory Examination in Practical Subjects and 25 Marks Theory Examination in Non-Practical Subjects/ Papers.
25 Marks Theory Examination may include 10 Marks questions from Assignment/ Project/ Tutorial where ever applicable.

Note : There may be subdivisions in each question asked in Theory Examinations.

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16/01/18

Course Structure and Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with all Practical Papers)

Table No. 18: Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with all Practical Papers)

Sem	Core Course (CC-14) F.M [Mid + End= Total] (Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC-2)	Elective: Discipline Specific (DSE-4)	Elective: Generic (GE-4) Interdisciplinary
I	CC 1= 75 [M T15 +E T60=75] (4) CC 2= 75 [M T15 +E T60=75] (4) Practical on CC1 + CC2 = 50 (4)	English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)			GE 1= T75 (4) +P25 (2) Or Theory 100 (6)
II	CC 3= 75 [M T15 +E T60=75] (4) CC 4= 75 [M T15 +E T60=75] (4) Practical on CC3 + CC4 = 50 (4)	Environmental Science = 100 (2)			GE 2= T75 (4) +P25 (2) Or Theory 100 (6)
III	CC 5= 75 [M T15 +E T60=75] (4) CC 6= 75 [M T15 +E T60=75] (4) CC 7= 75 [M T15 +E T60=75] (4) Practical on CC5 +6 +7 = 75 (6)		SEC 1= 100 (2) Or SEC 1= T75 +P25 = 100 (2)		GE 3= T75 (4) +P25 (2) Or Theory 100 (6)
IV	CC 8= 75 [M T15 +E T60=75] (4) CC 9= 75 [M T15 +E T60=75] (4) CC 10=75 [M T15 +E T60=75] (4) Practical on CC8 +9 +10 = 75 (6)		SEC 2= 100 (2) Or SEC 2= T75 +P25 = 100 (2)		GE 4= T75 (4) +P25 (2) Or Theory 100 (6)
V	CC 11= 75 [M T15 +E T60=75] (4) CC 12= 75 [M T15 +E T60=75] (4) Practical on CC11 +12 = 50 (4)			DSE 1= 75 [M T15 +E T60=75] (4) DSE 2= 75 [M T15 +E T60=75] (4) Practical on DSE 1 +2 = 50 (4)	
VI	CC 13= 75 [M T15 +E T60=75] (4) CC 14= 75 [M T15 +E T60=75] (4) Practical on CC13 +14 = 50 (4)			DSE 3= 75 [M T15 +E T60=75] (4) DSE 4= 75 [M T15 +E T60=75] (4) Practical on DSE 3 + 4 = 50 (4)	

Abbreviations :

CC= Core Course, SEC= Skill Enhancement Course, DSE= Discipline Specific Elective, GE= Generic Elective, M= Mid Semester Examination, E= End Semester Examination, T= Theory Examination, P= Practical Examination

DSE 1, 2, 3 & 4 = Discipline Specific Elective of the subject opted as core subject

SEC 1 & 2 = Skill Enhancement Course of the core course opted.

GE 1, 2, 3 & 4 = Generic Elective of any one interdisciplinary subject of Arts/ Science Stream taught in R.U.

Total Credits in B.A./B.Sc. Hons = 140

Amey
16/01/18

Course Structure and Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Non Practical Subjects)

Table No. 19: Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with all Non-Practical Papers)

Sem	Core Course (CC-14) F.M [Mid + End= Total] (Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC-2)	Elective: Discipline Specific (DSE-4)	Elective: Generic (GE-4) Interdisciplinary
I	CC 1= 100 [M T25 +E T75] (6) CC 2= 100 [M T25 +E T75] (6)	English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)			GE 1= T 100 (6)
II	CC 3= 100 [M T25 +E T75] (6) CC 4= 100 [M T25 +E T75] (6)	Environmental Science = 100 (2)			GE 2= T100 (6)
III	CC 5= 100 [M T25 +E T75] (6) CC 6= 100 [M T25 +E T75] (6) CC 7= 100 [M T25 +E T75] (6)		SEC 1= 100 (2)		GE 3= T100 (6)
IV	CC 8= 100 [M T25 +E T75] (6) CC 9= 100 [M T25 +E T75] (6) CC 10=100 [M T25 +E T75] (6)		SEC 2= 100 (2)		GE 4= T100 (6)
V	CC 11= 100 [M T25 +E T75] (6) CC 12= 100 [M T25 +E T75] (6)			DSE 1= 100 [M T25 +E T75] (6) DSE 2= 100 [M T25 +E T75] (6)	
VI	CC 13= 100 [M T25 +E T75] (6) CC 14= 100 [M T25 +E T75] (6)			DSE 3= 100 [M T25 +E T75] (6) DSE 4= 100 [M T25 +E T75] (6)	

Abbreviations:

CC= Core Course, **SEC**= Skill Enhancement Course, **DSE**= Discipline Specific Elective, **GE**= Generic Elective, **M**= Mid Semester Examination, **E**= End Semester Examination, **T**= Theory Examination, **P**= Practical Examination

Mid Sem* = There will be 15 Marks Theory Examination in Practical Subjects and 25 Marks Theory Examination in Non-Practical Subjects/ Papers.
25 Marks Theory Examination may include 10 Marks questions from Assignment/ Project/ Tutorial where ever applicable.

DSE 1, 2, 3 & 4 = Discipline Specific Elective of the subject opted as core subject

SEC 1 & 2 = Skill Enhancement Course of the core course opted.

GE 1, 2, 3 & 4 = Generic Elective of any one interdisciplinary subject of Arts/ Science Stream respectively.

Total Credits in B.A./B.Sc. Hons = 140

Amey
16/01/18

Course Structure and Scheme of Examination of B.A./B.Com. Hons. Under CBCS
(For Subjects with mixed Combination of Theory & Practical Papers)

Table No. 20: Scheme of Examination of B.A./B.Sc. Hons. Under CBCS (For Subjects with Theory & Practical Papers both)

Sem	Core Course (CC-14) F.M [Mid + End= Total] (Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC- 2)	Elective: Discipline Specific (DSE-4)	Elective: Generic (GE-4) Interdisciplinary
I	CC 1= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 2= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6)	English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)			GE 1= T75 (4) +P25 (2) Or Theory 100 (6)
II	CC 3= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 4= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6)	Environmental Science = 100 (2)			GE 2= T75 (4) +P25 (2) Or Theory 100 (6)
III	CC 5= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 6= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 7= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6)		SEC 1=100 (2) Or SEC 1= T75 +P25 = 100 (2)		GE 3= T75 (4) +P25 (2) Or Theory 100 (6)
IV	CC 8= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 9= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) CC 10=100[M T25/T15 +E(---/P25 +T75/T60)] (6)		SEC 2=100 (2) Or SEC 2= T75 +P25 = 100 (2)		GE 4= T75 (4) +P25 (2) Or Theory 100 (6)
V	CC 11=100[M T25/T15 +E(---/P25 +T75/T60)] (6) CC 12=100[M T25/T15 +E(---/P25 +T75/T60)] (6)			DSE 1= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) DSE 2= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6)	
VI	CC 13=100[M T25/T15 +E(---/P25 +T75/T60)] (6) CC 14=100[M T25/T15 +E(---/P25 +T75/T60)] (6)			DSE 3= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6) DSE 4= 100 [M T25/T15 +E(---/P25 +T75/T60)] (6)	

Abbreviations:

CC= Core Course, SEC= Skill Enhancement Course, DSE= Discipline Specific Elective, GE= Generic Elective, M= Mid Semester Examination, E= End Semester Examination, T= Theory Examination, P= Practical Examination

Mid Sem* = There will be 15 Marks Theory Examination in Practical Subjects and 25 Marks Theory Examination in Non-Practical Subjects/ Papers.
25 Marks Theory Examination may include 10 Marks questions from Assignment/ Project/ Tutorial where ever applicable.

DSE 1, 2, 3 & 4 = Discipline Specific Elective of the subject opted as core subject

SEC 1 & 2 = Skill Enhancement Course of the core course opted.

GE 1, 2, 3 & 4 = Generic Elective of any one subject of Arts/ Commerce Stream taught in R.U. There will be 25 Marks Practical for each paper in End Sem for Practical Papers.

Total Credits in B.A./B.Com. Hons = 140

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16/01/18

Course Structure and Scheme of Examination of B.Sc. General. Under CBCS

Table No. 21: Scheme of Examination of B.Sc. Programme Under CBCS (For Subjects with Practical Papers)

Sem	Core Course (CC-12) F.M [Mid +End= Total](Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC-4)	Elective: Discipline Specific (DSE-6)
I	DSC 1A = 100/T75+P25 (6) DSC 2A = 100/T75+P25 (6) DSC 3A = 100/T75+P25 (6)	English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)		
II	DSC 1B = 100/T75+P25 (6) DSC 2B = 100/T75+P25 (6) DSC 3B = 100/T75+P25 (6)	Environmental Science = 100 (2)		
III	DSC 1C =100/T75+P25 (6) DSC 2C =100/T75+P25 (6) DSC 3C =100/T75+P25 (6)		SEC 1 T= 100 (2) Or SEC 1= T75 +P25 =100(2)	
IV	DSC 1D =100/T75+P25 (6) DSC 2D =100/T75+P25 (6) DSC 3D =100/T75+P25 (6)		SEC 2 T= 100 (2) Or SEC 2= T75 +P25 =100(2)	
V			SEC 3 T= 100 (2) Or SEC 3= T75 +P25 =100(2)	DSE 1A=100/T75+P25 (6) DSE 2A=100/T75+P25 (6) DSE 3A=100/T75+P25 (6)
VI			SEC 4 T= 100 (2) Or SEC 4= T75 +P25 =100(2)	DSE 1B=100/T75+P25 (6) DSE 2B=100/T75+P25 (6) DSE 3B =100/T75+P25 (6)

Abbreviations:

CC=Core Course, SEC=Skill Enhancement Course, DSE= Discipline Specific Elective

DSC 1, 2 & 3 = Three subjects from Science Stream taught in R.U. as per combination made for Maths/Bio group.

DSE 1, 2 & 3 = Discipline Specific Elective of all three subjects opted as core subjects respectively

SEC 1, 2, 3 & 4 = One Skill Enhancement Course from any of the three core courses opted.

Total Credits in B.Sc. = 120

Amey
16/01/18

Course Structure and Scheme of Examination of B.A. General Under CBCS

Table No. 22: Scheme of Examination of B.A. Programme Under CBCS (For Subjects with Theory/Practical Papers)

Sem	Core Course (CC-12) F.M [Mid +End= Total](Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC-4)	Elective: Discipline Specific (DSE-6)
I	DSC 1A = 100/T75+P25 (6) DSC 2A = 100/T75+P25 (6) DSC 3A = 100/T75+P25 (6)	English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)		
II	DSC 1B = 100/T75+P25 (6) DSC 2B = 100/T75+P25 (6) DSC 3B = 100/T75+P25 (6)	Environmental Science = 100 (2)		
III	DSC 1C =100/T75+P25 (6) DSC 2C =100/T75+P25 (6) DSC 3C =100/T75+P25 (6)		SEC 1=100 (2) Or SEC 1= T75 +P25 =100(2)	
IV	DSC 1D =100/T75+P25 (6) DSC 2D =100/T75+P25 (6) DSC 3D =100/T75+P25 (6)		SEC 2=100 (2) Or SEC 2= T75 +P25 =100(2)	
V			SEC 3=100 (2) Or SEC 3= T75 +P25 =100(2)	DSE 1A=100/T75+P25 (6) DSE 2A=100/T75+P25 (6) DSE 3A=100/T75+P25 (6)
VI			SEC 4=100 (2) Or SEC 4= T75 +P25 =100(2)	DSE 1B=100/T75+P25 (6) DSE 2B=100/T75+P25 (6) DSE 3B =100/T75+P25 (6)

Abbreviations:

CC=Core Course, SEC=Skill Enhancement Course, DSE= Discipline Specific Elective

DSC 1 = Any one Language Subject from Arts Stream taught in R.U.

DSC 2 & 3 = Any two Subjects from Arts Stream taught in R.U. (*Not more than one practical subject will be allowed.)

DSE 1 = Discipline Specific Elective of the Language Subject opted as core subject in DSC 1

DSE 2 & 3 = Discipline Specific Elective of both subjects opted as core subjects in DSC 2 & 3 respectively

SEC 1,2, 3 &4 = One Skill Enhancement Course from any of the two core courses opted.

Total Credits in B.A. = 120

Amey
16/01/18

Course Structure and Scheme of Examination of B.Com. General Under CBCS

Table No. 23: Scheme of Examination of B.Com. Programme Under CBCS (For Subjects with Theory/Practical Papers)

Sem	Core Course (CC-12) F.M [Mid + End= Total] (Credit)	Ability Enhancement Compulsory Course (AECC-2)	Skill Enhancement Course (SEC-4)	Elective: Discipline Specific (DSE-6)
I	DSC 1A = 100/ T75 +P25 (6) DSC 2A = 100/ T75 +P25 (6) DSC 3A = 100/ T75 +P25 (6)	Business Communication/ English/ Hindi Communication =100 (2) or NH + MB Communication=50+50 (2)		
II	DSC 1B = 100/ T75 +P25 (6) DSC 2B = 100/ T75 +P25 (6) DSC 3B = 100/ T75 +P25 (6)	Environmental Science = 100 (2)		
III	DSC 1C = 100/ T75 +P25 (6) DSC 2C = 100/ T75 +P25 (6) DSC 3C = 100/ T75 +P25 (6)		SEC 1 =100 (2) Or SEC 1= T75 +P25 =100(2)	
IV	DSC 1D = 100/ T75 +P25 (6) DSC 2D = 100/ T75 +P25 (6) DSC 3D = 100/ T75 +P25 (6)		SEC 2 =100 (2) Or SEC 2= T75 +P25 =100(2)	
V			SEC 3 =100 (2) Or SEC 3= T75 +P25 =100(2)	DSE 1A =100/ T75 +P25 (6) DSE 2A =100/ T75 +P25 (6) DSE 3A =100/ T75 +P25 (6)
VI			SEC 4 =100 (2) Or SEC 4= T75 +P25 =100(2)	DSE 1B =100/ T75 +P25 (6) DSE 2B =100/ T75 +P25 (6) DSE 3B =100/ T75 +P25 (6)

Abbreviations:

CC= Core Course, SEC= Skill Enhancement Course, DSE= Discipline Specific Elective

DSC 1 = Any one Language Subject taught in R.U.

DSC 2 & 3 = Two Subjects from Commerce Stream taught in R.U.

DSE 1 = Discipline Specific Elective of the Language Subject opted as core subject in DSC 1

DSE 2 & 3 = Discipline Specific Elective from Commerce Stream

SEC 1, 2, 3 & 4 = Skill Enhancement Course from Commerce Stream.

Total Credits in B.Com. = 120

Amey
16/01/18

Format of Question Papers of Theory Examination



Ranchi University, Ranchi

Mid Sem No.

Exam Year

Subject/ Code

F.M. =15

Time=1Hr.

General Instructions:

समान्य निर्देश :

- Group A** carries very short answer type compulsory questions.
(खंड 'A' में अत्यंत लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- Answer 2 out of 3** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के तीन में से किन्हीं दो विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

- [5x1=5]
-
-
-
-

Group B

- [5]
- [5]
- [5]

Note: There may be subdivisions in each question asked in Theory Examination.



Ranchi University, Ranchi

Mid Sem No.

Exam Year

Subject/ Code

F.M. =25

Time=1Hr.

General Instructions:

समान्य निर्देश :

- Group A** carries very short answer type compulsory questions.
(खंड 'A' में अत्यंत लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

- [5x1=5]
-
-
-
-

Group B

- [5]
- [5]
- [5]
- [5]
- [5]
- [5]

Note: There may be subdivisions in each question asked in Theory Examination.

Answer
16/01/18



Ranchi University, Ranchi

End Sem No.

Exam Year

Subject/ Code

F.M. =50

P.M.=20

Time=1.5Hrs.

General Instructions:

- Group A** carries short answer type **compulsory** questions.
(खंड 'A' में लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- Answer 2 out of 3** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के तीन में से किन्हीं दो विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

1. [5]
2. [5]

Group B

3. [20]
4. [20]
5. [20]

Note: There may be subdivisions in each question asked in Theory Examination.

Awaj
16/01/18



Ranchi University, Ranchi

End Sem No.

Exam Year

Subject/ Code

F.M. =60

P.M.=30 (Including Mid Sem)

Time=3Hrs.

General Instructions:

- Group A** carries very short answer type **compulsory** questions.
- Answer 3 out of 5** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के पाँच में से किन्हीं तीन विषयनिष्ठ/वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

- [10x1=10]
 - [10x1=10]
 -
 -
 -
 -
 -
 -
 -
 -
 -
- [5]

Group B

- [15]
- [15]
- [15]
- [15]
- [15]

Note: There may be subdivisions in each question asked in Theory Examination.

Signature
16/01/18



Ranchi University, Ranchi

End Sem No.

Exam Year

Subject/ Code

F.M. =75

P.M.=40 (Including Mid Sem)

Time=3Hrs.

General Instructions:

- Group A** carries very short answer type **compulsory** questions.
- Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

1. [10x1=10]
-
 -
 -
 -
 -
 -
 -
 -
 -
 -
2. [5]

Group B

3. [15]
4. [15]
5. [15]
6. [15]
7. [15]
8. [15]

Note: There may be subdivisions in each question asked in Theory Examination.

Amey
16/01/18



Ranchi University, Ranchi

End Sem No.

Exam Year

Subject/ Code

F.M. =100

P.M.=40

Time=3Hrs.

General Instructions:

- Group A** carries very short answer type **compulsory** questions.
- Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/वर्णनात्मक प्रश्नों के उत्तर दें।)
- Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

1. [10x1=10]
-
 -
 -
 -
 -
 -
 -
 -
 -
 -
2. [5]
3. [5]

Group B

4. [20]
5. [20]
6. [20]
7. [20]
8. [20]
9. [20]

Note: There may be subdivisions in each question asked in Theory Examination.

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16/01/18

COURSE STRUCTURE FOR UNDERGRADUATE '**HONOURS**'
PROGRAMME

Annexure – I

Table AI-1: Under Graduate (Honours) Programme

Details of courses under B.Sc./ B.A./ B.Com (Honours Programme) Distribution of 140 Credits

Course	Papers	Credits Theory + Practical	Credits Theory + Tutorial
I. Core Course			
	(CC 1 to 14)		
Theory	14 Papers	14X4=56	14X5=70
Practical/Tutorial*	14 Papers	14X2=28	14X1=14
II. Elective Course (EC)			
A. Discipline Specific Elective			
	(DSE 1 to 4)		
Theory	4 Papers	4X4=16	4X5=20
Practical/ Tutorial*	4 Papers	4X2=8	4X1=4
B. Generic Elective/ Interdisciplinary			
	(GE 1 to 4)		
Theory	4 Papers	4X4=16	4X5=20
Practical/ Tutorial*	4 papers	4X2=8	4X1=4
➤ <i>Optional Dissertations or project in place of in Discipline Specific Elective paper (6 Credits) in 6th Semester.</i>			
III. Ability Enhancement Compulsory Courses (AECC)			
1. English/ MIL Communication/ MIL+NH/ Business Communication for Commerce	1 Paper	1X2=2	1X2=2
2. Environmental Science	1 Paper	1x2=2	1x2=2
3. Skill Enhancement Course of the Core Course opted	(SEC 1 & 2) 2 Papers	2X2=4	2X2=4
Total Credit = 140			= 140

*Wherever there is a practical there will be no tutorial and vice –versa.

Institute should evolve a system / policy about ECA/ General Interest/ Hobby/ Sports / NCC/ NSS/ related courses on its own.

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16/01/18

Table AI-1.1: Course structure for B.Sc./ B.A./ B.Com.(Hons. Programme)

Semester	Honours (Core Courses) 14 Papers	Allied (Elective Courses) 8 Papers	Ability Enhancement (Compulsory Courses) 4 Papers	Total Credits
Sem-I	C-1, C-2 (6+6=12 Credits)	GE-1 (06 Credits)	Eng / Hindi Comm/ NH+MB (02 Credits)	20 Credits
Sem-II	C-3, C-4 (6+6=12 Credits)	GE-2 (06 Credits)	EVS (02 Credits)	20 Credits
Sem-III	C-5, C-6, C-7 (6+6+6=18 Credits)	GE-3 (06 Credits)	SEC-1 (02 Credits)	26 Credits
Sem-IV	C-8, C-9, C-10 (6+6+6=18 Credits)	GE-4 (06 Credits)	SEC-2 (02 Credits)	26 Credits
Sem-V	C-11, C-12 (6+6=12 Credits)	DSE-1, DSE-2 (6+6=12 Credits)		24 Credits
Sem-VI	C-13, C-14 (6+6=12 Credits)	DSE-3, DSE-4 (6+6=12 Credits)		24 Credits

Total = 140 Credits

16/01/18

COURSES OF STUDY FOR UNDERGRADUATE '**B. Sc. Hons**'
PROGRAMME

Table AI-2 Subject Combinations allowed for B. Sc. Hons. Programme (140 Credits)

Honours/Core Subject CC 14 Papers	Discipline Specific Elective Subject DSES 4 Papers	Skill Enhancement Course SEC 2 Papers	Compulsory Course AECC 1+1=2 Papers
Physics	Physics Specific	SEC in Physics	Language Communication + EVS
Chemistry	Chemistry Specific	SEC in Chemistry	Language Communication + EVS
Mathematics	Mathematics Specific	SEC in Mathematics	Language Communication + EVS
Zoology	Zoology Specific	SEC in Zoology	Language Communication + EVS
Botany	Botany Specific	SEC in Botany	Language Communication + EVS
Geology	Geology Specific	SEC in Geology	Language Communication + EVS

**Table AI-2.1 Generic Subject Papers for B. Sc. Hons. Programme (140 Credits). All Four Papers from any One Subject to be opted.
Any One Subject from allowed combinations to be opted (Refer Syllabus of Honours subject offered by Ranchi University):**

Generic Elective Subject GE 4 Papers	Generic Elective Courses for Arts Stream (GE will be other than Core Subject opted)			
	Semester I GE1	Semester II GE2	Semester III GE3	Semester IV GE4
Physics	Mechanics +Lab	Electricity and Magnetism +Lab	Thermal & Statistical Physics +Lab	Waves and Optics +Lab
Chemistry	Atomic Structure, Bonding, General Org Chem & Aliphatic Hydrocarbons +Lab	Chemical Energetics, Equilibria & Functional Gp Org Chemistry-I +Lab	Chem. of s- and p-block elements, States of matter and Chem. Kinetics +Lab	Chem. of d-block elements, Molecules of Life +Lab
Mathematics	Object oriented Programming in C++ +T	Econometrics +T	Information Security +T	Application of Algebra +T
Zoology	Animal Diversity +Lab	Human Physiology +Lab	Food, Nutrition & Health +Lab	Environment & Public Health +Lab
Botany	Biodiversity +Lab	Plant Ecology & Taxonomy +Lab	Plant Anatomy & Embryology +Lab	Plant Physiology & Metabolism +Lab
Geology	Essentials of Geology +Lab	Rocks & Minerals +Lab	Fossils & their Applications +Lab	Earth Resources +Lab

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Table AI-2.2: Course structure for PHYSICS (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Mathematical Physics-I + Lab Mechanics + Lab	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Electricity and Magnetism + Lab Waves and Optics + Lab	GE2		EVS	Environmental Science
III	C5 C6 C7	Mathematical Physics–II + Lab Thermal Physics + Lab Digital Systems and Applications + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
IV	C8 C9 C10	Mathematical Physics III + Lab Elements of Modern Physics + Lab Analog Systems and Applications + Lab	GE4		SEC2	Electrical Circuit Network Skills + Lab
V	C11 C12	Quantum Mechanics and Appl. + Lab Solid State Physics + Lab	DSE1 DSE2	Nuclear and Particle Physics + T Classical Dynamics + T		
VI	C13 C14	Electromagnetic Theory + Lab Statistical Mechanics + Lab	DSE3 DSE4	Dissertation + Viva Experimental Techniques + Lab		

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Table AI-2.3: Course structure for CHEMISTRY (Undergraduate Hons. Programme)
Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Atomic Str. & Chemical Bonding + Lab States of Matter & Ionic Equil.+ Lab	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Basics and Hydrocarbons + Lab Chem. Thermodynamics & Appl. + Lab	GE2		EVS	Environmental Science
III	C5 C6 C7	s- and p-Block Elements + Lab Oxygen Containing Functional Gps. + Lab Phase Equil. and Chem. Kinetics + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
IV	C8 C9 C10	Coordination Chemistry + Lab Heterocyclic Chemistry + Lab Electrochemistry + Lab	GE4		SEC2	Fuel Chemistry + T
V	C11 C12	Biomolecules + Lab Quantum Chem. & Spectroscopy + Lab	DSE1 DSE2	Analytical Methods in Chemistry + Lab Polymer Chemistry + Lab		
VI	C13 C14	Organometallic Chemistry + Lab Spectroscopy + Lab	DSE3 DSE4	Green Chemistry + Lab Industrial Chemicals & Environment + Lab		

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Table AI-2.4: Course structure for MATHEMATICS (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Analytic Geometry 2D, Higher Algebra & Trigonometry + T Differential Calculus & Vector Calculus + T	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2					
II	C3	Analysis I + T Integral Calculus & Analytic Geometry 3D + T	GE2		EVS	Environmental Science
	C4					
III	C5	Theory of Real Functions + T Group Theory & Matrices + T Differential Equations + T	GE3		SEC1	Elementary Computer Application Software + Lab
	C6					
	C7					
IV	C8	Analysis II + T Mechanics I + T Ring Theory + T	GE4		SEC2	Operating System + T
	C9					
	C10					
V	C11	Analysis III {Metric Space & Complex Analysis} + T Linear Algebra + T	DSE1	Number Theory + T		
	C12		DSE2	Probability and Statistics + T		
VI	C13	Mechanics II + T Numerical Analysis + T	DSE3	Linear Programming + T		
	C14		DSE4	Mechanics + T		

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Table AI-2.5: Course structure for ZOOLOGY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Non Chordates I + Lab	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Ecology + Lab				
II	C3	Non-Chordates II + Lab	GE2		EVS	Environmental Science
	C4	Cell Biology + Lab				
III	C5	Chordates + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
	C6	Physiology + Lab				
	C7	Biochemistry + Lab				
IV	C8	Vertebrate Anatomy + Lab	GE4		SEC2	Sericulture + T
	C9	Physiology + Lab				
	C10	Metabolism + Lab				
V	C11	Molecular Biology + Lab	DSE1	Biology of Insecta + Lab		
	C12	Genetics + Lab	DSE2	Endocrinology + Lab		
VI	C13	Developmental Biology + Lab	DSE3	Fish & Fisheries + Lab		
	C14	Evolution + Lab	DSE4	Immunology + Lab		

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Table AI-2.6: Course structure for BOTANY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Algae and Microbiology + Lab	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Biomolecules and Cell Biology + Lab				
II	C3	Mycology and Phytopathology + Lab	GE2		EVS	Environmental Science
	C4	Archegoniate + Lab				
III	C5	Morphology and Anatomy + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
	C6	Economic Botany + Lab				
	C7	Genetics + Lab				
IV	C8	Molecular Biology + Lab	GE4		SEC2	Mushroom Culture Technology + T
	C9	Plant Ecology and Phytogeography + Lab				
	C10	Plant Systematics + Lab				
V	C11	Reproductive Biology of Angiosperms + Lab	DSE1	Horticultural Practices & Post Harvest Technology + T		
	C12	Plant Physiology + Lab	DSE2	Analytical Techniques in Plant Science + Lab		
VI	C13	Plant Metabolism + Lab	DSE3	Plant Breeding + T		
	C14	Plant Biotechnology + Lab	DSE4	Research Methodology + Lab		

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Table AI-2.7: Course structure for GEOLOGY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Earth System science + Lab	GE1	Refer Table No. AI-2.1 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Crystallography & Minerology + Lab				
II	C3	Elements of Geochemistry + Lab	GE2		EVS	Environmental Science
	C4	Structural Geology + Lab				
III	C5	Igneous Petrology + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
	C6	Sedimentary Petrology + Lab				
	C7	Metamorphic Petrology + Lab				
IV	C8	Stratigraphic Principles & Indian Stratigraphy + Lab	GE4		SEC2	Geological Mapping + Lab
	C9	Paleontology + Lab				
	C10	Geomorphology + Lab				
V	C11	Economic Geology + Lab	DSE1	Fuel Geology + Lab		
	C12	Hydrogeology + Lab	DSE2	Exploration Geology + Lab		
VI	C13	Engineering Geology + Lab	DSE3	Earth & Climate + Lab		
	C14	Remote Sensing & GIS + Lab	DSE4	Introduction of Geophysics + Lab		

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COURSES OF STUDY FOR UNDERGRADUATE '**B. A. Hons**'
PROGRAMME

Table AI-3. Subject Combinations allowed for B. A. Hons. Programme (140 Credits)

Honours/Core Subject CC 14 Papers	Discipline Specific Elective Subject DSES 4 Papers	Skill Enhancement Course SEC 2 Papers	Compulsory Course SEC 1+1=2 Papers
Hindi	Hindi Specific	SEC in Hindi	Language Communication + EVS
English	English Specific	SEC in English	Language Communication + EVS
Bengali	Bengali Specific	SEC in Bengali	Language Communication + EVS
Urdu	Urdu Specific	SEC in Urdu	Language Communication + EVS
Sanskrit	Sanskrit Specific	SEC in Sanskrit	Language Communication + EVS
Ho	Ho Specific	SEC in Ho	Language Communication + EVS
Kharia	Kharia Specific	SEC in Kharia	Language Communication + EVS
Khortha	Khortha Specific	SEC in Khortha	Language Communication + EVS
Kurmali	Kurmali Specific	SEC in Kurmali	Language Communication + EVS
Kurux	Kurux Specific	SEC in Kurux	Language Communication + EVS
Mundari	Mundari Specific	SEC in Mundari	Language Communication + EVS
Nagpuri	Nagpuri Specific	SEC in Nagpuri	Language Communication + EVS
Panch Pargania	Panch Pargania Specific	SEC in Panch Pargania	Language Communication + EVS
Santhali	Santhali Specific	SEC in Santhali	Language Communication + EVS
Geography	Geography Specific	SEC in Geography	Language Communication + EVS
History	History Specific	SEC in History	Language Communication + EVS
Political Science	Political Science	SEC in Political Science	Language Communication + EVS
Psychology	Psychology Specific	SEC in Psychology	Language Communication + EVS

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Honours/Core Subject CC 14 Papers	Discipline Specific Elective Subject DSES 4 Papers	Skill Enhancement Course SEC 2 Papers	Compulsory Course AECC 1+1=2 Papers
Sociology	Sociology Specific	SEC in Sociology	Language Communication + EVS
Economics	Economics Specific	SEC in Economics	Language Communication + EVS
Anthropology	Anthropology Specific	SEC in Anthropology	Language Communication + EVS
Philosophy	Philosophy Specific	SEC in Philosophy	Language Communication + EVS
Home Science	Home Science Specific	SEC in Home Science	Language Communication + EVS
Mathematics	Mathematics Specific	SEC in Mathematics	Language Communication + EVS

Table AI-3.1 Generic Subject Papers for B. A. Hons. Programme (140 Credits). All Four Papers from any One Subject to be opted. Any One Subject from allowed combinations to be opted (Refer Syllabus of Honours subject offered by Ranchi University):

Generic Elective Subject GE 4 Papers	Generic Elective Courses for Arts Stream (GE will be other than Core Subject opted)			
	Semester I GE1	Semester II GE2	Semester III GE3	Semester IV GE4
Hindi	कला और साहित्य +T	अनुवाद +T	साहित्य और पत्रकारिता +T	रचनात्मक लेखन की विधाएँ +T
English	Academic Writing +T	Language & Linguistics +T	Literature: Poems & Short Stories +T	Language, Literature & Culture +T
Bengali	History of Bengali Literature +T	Bengali Poetry, Novel, Short Stories +T	Bengali Poetry, Drama, Short Stories +T	Bengali Poetry, Short Stories, Bengali Essay +T
Urdu	Study of Poet Nazir Akbarabadi +T	Study of Short Story Writer Prem Chand +T	Mass Media: Principles and Practice +T	Study of Short Story Writer +T
Sanskrit	संस्कृत व्याकरण एवं व्याकरण शास्त्र का इतिहास +T	भारतीय संस्कृति एवं राजनीति +T	आयुर्वेद की परम्परा +T	भाषाविज्ञान +T

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GE 4 Papers	Semester I GE1	Semester II GE2	Semester III GE3	Semester IV GE4
Ho	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	हो समुदाय की नृत्य शैलियाँ +T
Kharia	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	खड़िया समुदाय की नृत्य शैलियाँ +T
Khortha	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	खोरठा समुदाय की नृत्य शैलियाँ +T
Kurmali	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	कुरमाली समुदाय की नृत्य शैलियाँ +T
Kurux	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	कुँडुख समुदाय की नृत्य शैलियाँ +T
Mundari	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	मुण्डा समुदाय की नृत्य शैलियाँ +T
Nagpuri	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	नागपुरी समुदाय की नृत्य शैलियाँ +T
Panch Pargania	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	पंचपरगनिया समुदाय की नृत्य शैलियाँ +T
Santhali	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	संताल समुदाय की नृत्य शैलियाँ +T
Geography	Geomorphology +Lab	Human Geography +Lab	Climatology +Lab	Economic Geography +Lab
History	Environmental Issues in India +T	Making of Contemporary India +T	History of West Asia +T	India and her Neighbours +T
Political Science	An Introduction to Political Theory +T	Indian Govt. and Politics +T	Comparative Govt. and Politics +T	Public Administration +T
Psychology	Introduction of psychology +Lab	Social psychology +Lab	Psychopathology +Lab	Psychological Statistics +Lab
Sociology	Indian Society and Culture +T	Social Movement in India +T	Sociology of Religion +T	Indian Sociological Theories +T
Economics	Principals of Microeconomics +T	Principals of Macroeconomics +T	Indian Economy +T	Money Banking and Public Finance +T
Anthropology	Economic Anthropology +T	Political Anthropology +T	Anthropology of Religion +T	Linguistic Anthropology +T
Philosophy	Indian Philosophy-I +T	Indian Philosophy-II +T	Indian Ethics +T	Western Ethics +T
Home Science	Human Nutrition +Lab	Entrepreneurship for small Catering units +Lab	Current concerns in Public Health Nutrition +Lab	Care and Wellbeing in Human Development +Lab
Mathematics	Object oriented Programming in C++ +T	Econometrics +T	Information Security +T	Application of Algebra +T

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Table AI-3.2: Course structure for HINDI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	हिन्दी साहित्य का इतिहास (आदिकाल) +T हिन्दी साहित्य का इतिहास (भक्तिकाल) +T	GE1	Refer Table No. AI-3.1 Pg. 49 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	हिन्दी साहित्य का इतिहास (रीतिकाल) एवं रीतिकालीन कविता +T हिन्दी साहित्य का इतिहास (आधुनिककाल) : भारतेन्दु एवं द्विवेदी युग +T	GE2		EVS	Environmental Science
III	C5 C6 C7	छायावादोत्तर हिन्दी कविता +T हिन्दी कथा साहित्य +T हिन्दी नाटक और अन्य गद्य विधाएँ +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	भाषा विज्ञान +T हिन्दी भाषा और नागरी लिपि +T प्रयोजनमूलक हिन्दी +T	GE4		SEC2	कार्यालयी हिन्दी +T
V	C11 C12	भारतीय काव्यशास्त्र +T पाश्चात्य काव्यशास्त्र +T	DSE1 DSE2	सूरदास एवं तुलसीदास +T कबीर दास एवं सुर्यकांत त्रिपाठी 'निराला' +T		
VI	C13 C14	हिन्दी समीक्षा +T विश्वभाषा हिन्दी +T	DSE3 DSE4	लोक साहित्य एवं हिन्दी की राष्ट्रीय काव्यधारा +T साहित्य के नये विमर्श एवं प्रेमचन्द +T		

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Table AI-3.3: Course structure for ENGLISH (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Indian Classical Literature +T	GE1	Refer Table No. AI-3.1 Pg. 49 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	European Classical Literature +T				
II	C3	Indian Writing in English +T	GE2		EVS	Environmental Science
	C4	British Poetry & Drama +T				
III	C5	American Literature +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	Popular Literature +T				
	C7	British Poetry & Drama +T				
IV	C8	British Literature: 18 th Century +T	GE4		SEC2	Business Communication +T
	C9	British Romantic Literature +T				
	C10	British Literature: 19 th Century +T				
V	C11	Women's Writing +T	DSE1	History of English Language and its Phonology & Morphology +T		
	C12	British Literature: Early 20 th Century +T	DSE2	Literature of Indian Diaspora +T		
VI	C13	Modern European Drama +T	DSE3	English Syntax & Semantics +T		
	C14	Postcolonial Literature +T	DSE4	Science Fiction & Detective Literature +T		

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Table AI-3.4: Course structure for BENGALI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Sahityer Itihas-I +T Sahityer Itihas-II +T	GE1	Refer Table No. AI-3.1 Pg. 49 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Madhya Yugiya Bangla Sahitya-I +T Madhya Yugiya Bangla Sahitya-II +T	GE2		EVS	Environmental Science
III	C5 C6 C7	Bengali Novel-I +T Bengali Novel-II +T Bangla Chhotogolpo +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	Bangla Kabya O Kabita-I +T Bangla Kabya O Kabita-II +T Chhanda, Alankar, Bhasatatwa +T	GE4		SEC2	Bengali Short Stories +T
V	C11 C12	Bengali Drama-I +T Bengali Drama-II +T	DSE1 DSE2	Folk Literature - Culture +T Bengali Novel : Womens Novelist +T		
VI	C13 C14	Bengali Prabandha +T Prachya Anankar Tatwa O Bivinna Bhashar Sahityer Itihas +T	DSE3 DSE4	Bengali Drama Literature +T Rabindra Sahitya +T		

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Table AI-3.5: Course structure for URDU (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Urdu Fiction +T	GE1	Refer Table No. AI-3.1 Pg. 49 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Study of Urdu Non Fiction +T				
II	C3	Study of Modern Urdu Nazm +T	GE2		EVS	Environmental Science
	C4	Study of Modern Urdu Ghazal +T				
III	C5	Urdu Grammar and Urdu Composition +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	Urdu Tanz-o-Mizah +T				
	C7	Study of Prose Writer Sir Sayed, Hali & Shibli +T				
IV	C8	Study of Classical Prose +T	GE4		SEC2	Urdu Essay Writing +T
	C9	Study of Poet Meer & Mirza Ghalib +T				
	C10	Study of Poet Iqbal +T				
V	C11	Tanqeed-o-Balaghat +T	DSE1	Urdu Drama +T		
	C12	Study of Literary Movements +T	DSE2	Urdu Short Story +T		
VI	C13	Study of Classical Urdu Poets +T	DSE3	Urdu Marsiya +T		
	C14	Urdu Linguistic (Lessaniyat) +T	DSE4	History of Islam +T		

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Table AI-3.6: Course structure for SANSKRIT (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	संस्कृत व्याकरण एवं व्याकरण शास्त्र का इतिहास +T संस्कृत साहित्य (पद्यकाव्य) +T	GE1	Refer Table No. AI-3.1 Pg. 49 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	संस्कृत साहित्य का इतिहास +T संस्कृत साहित्य (गद्यकाव्य) +T	GE2		EVS	Environmental Science
III	C5 C6 C7	श्रीमद्भगवद्गीता एवं कठोपनिषद् +T संस्कृत साहित्य (नाट्य साहित्य) +T साहित्यशास्त्र +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	भारतीय संस्कृति एवं राजनीति +T समास - I (अव्ययीभाव एवं तत्पुरुष) +T समास - II (बहुब्रीहि एवं द्वन्द्व) +T	GE4		SEC2	ज्योतिषशास्त्र और वास्तुशास्त्र +T
V	C11 C12	वैदिक साहित्य +T संस्कृत व्याकरण +T	DSE1 DSE2	नाट्यशाला, नाट्यकला एवं नाट्य पारिभाषिक शब्द +T आयुर्वेद की परम्परा +T		
VI	C13 C14	तत्त्वमीमांसा एवं ज्ञानमीमांसा (तर्कसंग्रह के अनुसार)+T नीतिशतकम् एवं मेघदूतम् +T	DSE3 DSE4	भाषाविज्ञान +T संस्कृत साहित्य में पर्यावरण चेतना +T		

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Table AI-3.7: Course structure for HO (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	हो भाषा का प्राचीन इतिहास +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	हो के प्राचीन कवि और उनके काव्य +T				
II	C3	हो भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T	GE2		EVS	Environmental Science
	C4	हो भाषा के साहित्य का इतिहास +T				
III	C5	हो भाषा का लोक साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	हो भाषा का कहानी साहित्य +T				
	C7	हो भाषा का उपन्यास साहित्य +T				
IV	C8	हो भाषा का नाटक साहित्य +T	GE4		SEC2	झारखण्डी कानून +T
	C9	हो भाषा का निबंध साहित्य +T				
	C10	हो भाषा व्याकरण +T				
V	C11	हो भाषा का भाषा विज्ञान +T	DSE1	पारम्परिक शासन – व्यवस्था +T		
	C12	हो काव्य के विविध रूप +T	DSE2	लेखन एवं प्रारूपण विधि +T		
VI	C13	हो भाषा का प्रकीर्ण साहित्य +T	DSE3	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T		
	C14	हो भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE4	झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.8: Course structure for KHARIA (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	खड़िया भाषा का प्राचीन इतिहास +T खड़िया के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	खड़िया भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T खड़िया भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	खड़िया भाषा का लोक साहित्य +T खड़िया भाषा का कहानी साहित्य +T खड़िया भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	खड़िया भाषा का नाटक साहित्य +T खड़िया भाषा का निबंध साहित्य +T खड़िया भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	खड़िया भाषा का भाषा विज्ञान +T खड़िया काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	खड़िया भाषा का प्रकीर्ण साहित्य +T खड़िया भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.9: Course structure for KHORTHIA (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	खोरठा भाषा का प्राचीन इतिहास +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	खोरठा के प्राचीन कवि और उनके काव्य +T				
II	C3	खोरठा भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T	GE2		EVS	Environmental Science
	C4	खोरठा भाषा के साहित्य का इतिहास +T				
III	C5	खोरठा भाषा का लोक साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	खोरठा भाषा का कहानी साहित्य +T				
	C7	खोरठा भाषा का उपन्यास साहित्य +T				
IV	C8	खोरठा भाषा का नाटक साहित्य +T	GE4		SEC2	झारखण्डी कानून +T
	C9	खोरठा भाषा का निबंध साहित्य +T				
	C10	खोरठा भाषा व्याकरण +T				
V	C11	खोरठा भाषा का भाषा विज्ञान +T	DSE1	पारम्परिक शासन – व्यवस्था +T		
	C12	खोरठा काव्य के विविध रूप +T	DSE2	लेखन एवं प्रारूपण विधि +T		
VI	C13	खोरठा भाषा का प्रकीर्ण साहित्य +T	DSE3	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T		
	C14	खोरठा भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE4	झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.10: Course structure for KURMALI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	कुरमाली भाषा का प्राचीन इतिहास +T कुरमाली के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	कुरमाली भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T कुरमाली भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	कुरमाली भाषा का लोक साहित्य +T कुरमाली भाषा का कहानी साहित्य +T कुरमाली भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	कुरमाली भाषा का नाटक साहित्य +T कुरमाली भाषा का निबंध साहित्य +T कुरमाली भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	कुरमाली कुरमाली भाषा का भाषा विज्ञान +T कुरमाली काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	कुरमाली भाषा का प्रकीर्ण साहित्य +T कुरमाली भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.11: Course structure for KURUX (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	कुँडुख भाषा का प्राचीन इतिहास +T कुँडुख के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T कुँडुख भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	कुँडुख भाषा का लोक साहित्य +T कुँडुख भाषा का कहानी साहित्य +T कुँडुख भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	कुँडुख भाषा का नाटक साहित्य +T कुँडुख भाषा का निबंध साहित्य +T कुँडुख भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	कुँडुख भाषा का भाषा विज्ञान +T कुँडुख काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	कुँडुख भाषा का प्रकीर्ण साहित्य +T कुँडुख भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.12: Course structure for MUNDARI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	मुण्डारी भाषा का प्राचीन इतिहास +T मुण्डारी के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	मुण्डारी भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T मुण्डारी भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	मुण्डारी भाषा का लोक साहित्य +T मुण्डारी भाषा का कहानी साहित्य +T मुण्डारी भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	मुण्डारी भाषा का नाटक साहित्य +T मुण्डारी भाषा का निबंध साहित्य +T मुण्डारी भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	मुण्डारी भाषा का भाषा विज्ञान +T मुण्डारी काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	मुण्डारी भाषा का प्रकीर्ण साहित्य +T मुण्डारी भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.13: Course structure for NAGPURI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	नागपुरी भाषा का प्राचीन इतिहास +T नागपुरी के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	नागपुरी भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T नागपुरी भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	नागपुरी भाषा का लोक साहित्य +T नागपुरी भाषा का कहानी साहित्य +T नागपुरी भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	नागपुरी भाषा का नाटक साहित्य +T नागपुरी भाषा का निबंध साहित्य +T नागपुरी भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	नागपुरी भाषा का भाषा विज्ञान +T नागपुरी काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	नागपुरी भाषा का प्रकीर्ण साहित्य +T नागपुरी भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.14: Course structure for PANCH PARGANIA (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	पंचपरगनिया भाषा का प्राचीन इतिहास +T पंचपरगनिया के प्राचीन कवि और उनके काव्य +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	पंचपरगनिया भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T पंचपरगनिया भाषा के साहित्य का इतिहास +T	GE2		EVS	Environmental Science
III	C5 C6 C7	पंचपरगनिया भाषा का लोक साहित्य +T पंचपरगनिया भाषा का कहानी साहित्य +T पंचपरगनिया भाषा का उपन्यास साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	पंचपरगनिया भाषा का नाटक साहित्य +T पंचपरगनिया भाषा का निबंध साहित्य +T पंचपरगनिया भाषा व्याकरण +T	GE4		SEC2	झारखण्डी कानून +T
V	C11 C12	पंचपरगनिया भाषा का भाषा विज्ञान +T पंचपरगनिया काव्य के विविध रूप +T	DSE1 DSE2	पारम्परिक शासन – व्यवस्था +T लेखन एवं प्रारूपण विधि +T		
VI	C13 C14	पंचपरगनिया भाषा का प्रकीर्ण साहित्य +T पंचपरगनिया भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE3 DSE4	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.15: Course structure for SANTHALI (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	संताली भाषा का प्राचीन इतिहास +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	संताली के प्राचीन कवि और उनके काव्य +T				
II	C3	संताली भाषा के आधुनिक साहित्यकार एवं उनकी कृतियाँ +T	GE2		EVS	Environmental Science
	C4	संताली भाषा के साहित्य का इतिहास +T				
III	C5	संताली भाषा का लोक साहित्य +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	संताली भाषा का कहानी साहित्य +T				
	C7	संताली भाषा का उपन्यास साहित्य +T				
IV	C8	संताली भाषा का नाटक साहित्य +T	GE4		SEC2	झारखण्डी कानून +T
	C9	संताली भाषा का निबंध साहित्य +T				
	C10	संताली भाषा व्याकरण +T				
V	C11	संताली भाषा का भाषा विज्ञान +T	DSE1	पारम्परिक शासन – व्यवस्था +T		
	C12	संताली काव्य के विविध रूप +T	DSE2	लेखन एवं प्रारूपण विधि +T		
VI	C13	संताली भाषा का प्रकीर्ण साहित्य +T	DSE3	झारखण्ड के स्वतंत्रता सेनानी एवं शहीद +T		
	C14	संताली भाषा के पत्र-पत्रिकाओं का क्रमिक विकास +T	DSE4	झारखण्डी समुदाय के संस्कार एवं संस्कृति +T		

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Table AI-3.16: Course structure for GEOGRAPHY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Geomorphology + Lab	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Oceanography + Lab				
II	C3	Human Geography + Lab	GE2		EVS	Environmental Science
	C4	Resource Geography + Lab				
III	C5	Climatology + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
	C6	Geography of India + Lab				
	C7	Geography of Jharkhand + Lab				
IV	C8	Economic Geography + Survey	GE4		SEC2	Hydrology + Project
	C9	Environmental Geography + Survey				
	C10	Population Geography + Survey				
V	C11	Geographical Thought + Survey	DSE1	Urban Geography + Project		
	C12	Settlement Geography + Survey	DSE2	Social Geography + Project		
VI	C13	Regional Planning and Development + Dissertation	DSE3	Political Geography + Project		
	C14	Agriculture Geography + Dissertation	DSE4	Bio Geography + Project		

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Table AI-3.17: Course structure for HISTORY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	History of India-I +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	History of Jharkhand upto 1857AD +T				
II	C3	History of India-II +T	GE2		EVS	Environmental Science
	C4	History of Jharkhand (1857-2000AD) +T				
III	C5	History of India-III (C750-1206) +T	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	Rise of Modern West-I +T				
	C7	History of India-IV (C1206-1550) +T				
IV	C8	Rise of Modern West-II +T	GE4		SEC2	Understanding Popular Culture +T
	C9	History of India-V (1550-1605) +T				
	C10	History of India-VI (C1750-1857) +T				
V	C11	History of Modern Europe-I (C1780-1939) +T	DSE1	History of USSR-I (C1917-1964) +T		
	C12	History of India-VII (1605-1750) +T	DSE2	History of USSR-II (C1917-1964) +T		
VI	C13	History of India-VIII (C1857-1950) +T	DSE3	History of Modern East Asia-I (C1840-1919) +T		
	C14	History of Modern Europe-II (C1780-1939) +T	DSE4	History of Modern China & Japan (C1868-1939) +T		

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Table AI-3.18: Course structure for POLITICAL SCIENCE (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	An Introduction to Political Theory +T Indian Political Thought +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Indian National Movement and +T Constitutional Development +T Indian Govt. and Politics +T	GE2		EVS	Environmental Science
III	C5 C6 C7	Local Self Govt. in India +T Comparative Govt. and Politics +T Ancient and Medieval Western Political Thought +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	Theories of International Politics +T Modern Western Political Thought +T Public Administration +T	GE4		SEC2	Reading Hind Swaraj by Mahatma Gandhi +T
V	C11 C12	Bureaucracy +T Comparative Political Analyses +T	DSE1 DSE2	Foreign Policy of India +T International Organization +T		
VI	C13 C14	Political Ideology +T Contemporary Issues of Indian Politics +T	DSE3 DSE4	Federalism in India +T Gandhian Thought +T		

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Table AI-3.19: Course structure for PSYCHOLOGY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Introduction to Psychology +Lab	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Statistical Methods for Psychological Research-I +Lab				
II	C3	Biopsychology +Lab	GE2		EVS	Environmental Science
	C4	Psychology of Individual Differences +Lab				
III	C5	Development of Psychological Thoughts +Lab	GE3		SEC1	Elementary Computer Application Software +Lab
	C6	Psychological Research +Lab				
	C7	Social Psychology +Lab				
IV	C8	Understanding Psychological Disorders +Lab	GE4		SEC2	Emotional Intelligence & Effective Decision Making +Lab
	C9	Statistical Methods for Psychological Research +Lab				
	C10	Applied Social Psychology +Lab				
V	C11	Understanding and Dealing with Psychological Disorders +Lab	DSE1	Positive psychology +Lab		
	C12	Developmental Psychology +Lab	DSE2	Health psychology +Lab		
VI	C13	Organizational Behaviour +Lab	DSE3	Community Psychology +Lab		
	C14	Counselling Psychology +Lab	DSE4	Stress Management +Lab		

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Table AI-3.20: Course structure for SOCIOLOGY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Principle of Sociology +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Classical Sociological Thinkers +T				
II	C3	Modern Indian Social Thoughts +T	GE2		EVS	Environmental Science
	C4	Society in India +T				
III	C5	Social Problems in Contemporary India +T	GE3		SEC1	Elementary Computer Application Software + Lab
	C6	Sociology of Development and Change +T				
	C7	Rural Sociology +T				
IV	C8	Marriage, Family and Kinship +T	GE4		SEC2	Paper presentation on sociological perspectives + Group discussion
	C9	Industrial Sociology +T				
	C10	Sociology of Tribes +T				
V	C11	Research Methodology +T	DSE1	Tribes of Jharkhand +T		
	C12	Urban Sociology +T	DSE2	Social Demography +T		
VI	C13	Social Research and Statistics +T	DSE3	Globalization in Indian Society +T		
	C14	Dissertation and Viva-Voce +T	DSE4	Social Psychology +T		

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Table AI-3.21: Course structure for ECONOMICS (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Introductory Microeconomics +T Elementary Statistics for Economics	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Introductory Macroeconomics +T Elementary Mathematical Methods in Economics +T	GE2		EVS	Environmental Science
III	C5 C6 C7	Intermediate Microeconomics-I +T Intermediate Macroeconomics-I +T Public Finance +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	Intermediate Microeconomics-II +T Intermediate Macroeconomics-II +T International Trade +T	GE4		SEC2	Soft Skills +T
V	C11 C12	Indian Economy +T Development Economics +T	DSE1 DSE2	Either Group 'A' or 'B' 1A Advance Mathematical Economics +T or 1B Economics of Agriculture +T 2A Economics of Health & Education +T or 2B Jharkhand Economy +T		
VI	C13 C14	Environmental Economics +T Money Banking and Financial Markets +T	DSE3 DSE4	3A Elementary Econometrics +T or 3B Agricultural Problems of India +T 4A Theory of Demography +T or 4B Economics of Labour +T		

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Table AI-3.22: Course structure for ANTHROPOLOGY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Foundation of Social Cultural Anthropology +T Research Mehtodology +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Biological Anthropology +T Prehistoric Anthropology +T	GE2		EVS	Environmental Science
III	C5 C6 C7	Communicational Anthropology +T Anthropology of Complex Society +T Indian Anthropology +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	Tribal Culture of India +T Developmental Anthropology +T Medical Anthropology +T	GE4		SEC2	Anthropology of Scheduled Castes +T
V	C11 C12	Classical Anthropological Theory +T Neo Anthropological Theory +T	DSE1 DSE2	Tribal Development +T Bio-Cultural Evolution +T		
VI	C13 C14	Field Work and Field Report +Dissertation Biological Anthropological Practical	DSE3 DSE4	Gender Anthropology +T Social Cultural Change +T		

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Table AI-3.23: Course structure for PHILOSOPHY (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Indian Philosophy (Part-I) +T Ancient Greek Philosophy +T	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Indian Philosophy (Part-II) +T Modern Western Philosophy (Descartes to Kant) +T	GE2		EVS	Environmental Science
III	C5 C6 C7	Indian Ethics +T Western Ethics +T Meta-Ethics +T	GE3		SEC1	Elementary Computer Application Software +Lab
IV	C8 C9 C10	Indian Epistemology +T Western Epistemology +T Indian Metaphysics +T	GE4		SEC2	Deductive & Inductive Logic +T
V	C11 C12	Western Metaphysics +T Social Philosophy +T	DSE1 DSE2	Modern Indian Philosophy (Part-I) +T Symbolic Logic +T		
VI	C13 C14	Srimad Bhagwad Gita (Chapter 02 to 06) +T Philosophy of Religion +T	DSE3 DSE4	Political Philosophy +T Modern Indian Philosophy (Part-II) +T		

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Table AI-3.24: Course structure for HOME SCIENCE (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1 C2	Introduction of Human Development + Lab Food and Nutrition + Lab	GE1	Refer Table No. AI-3.1 Pg. 50 04 Papers from Interdisciplinary Subject	Compulsory Language Communication ENG/ HINDI/ NH+MB	
II	C3 C4	Dynamics of Communication & Extension + Lab Resource Management + Lab	GE2		EVS	Environmental Science
III	C5 C6 C7	Introduction to Textiles + Lab Communication System and Mass Media + Lab Personal Finance & Mass Media + Lab	GE3		SEC1	Elementary Computer Application Software + Lab
IV	C8 C9 C10	Development in Adolescence & Childhood + Lab Nutrition + Lab Fashion Designing Concept + Lab	GE4		SEC2	Maternal and Child Nutrition + Lab
V	C11 C12	Life Sciences + Lab Physical Sciences + Lab	DSE1 DSE2	Childhood in India + Lab Textile Processing + Lab		
VI	C13 C14	Research Methodology in Home Sc + Lab Socio Economic Environment + Lab	DSE3 DSE4	Public Nutrition + Lab Commercial Clothing + Lab		

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COURSES OF STUDY FOR UNDERGRADUATE '**B. Com. Hons**'
PROGRAMME

Table AI-4: Course structure for COMMERCE (Undergraduate Hons. Programme)

Total: 140 Credits

Semester	Honours (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	14 Papers	Code	8 Papers	Code	4 Papers
I	C1	Financial Accounting + T	GE1	Micro Economics + T	Compulsory Language Communication ENG/ HINDI/ NH+MB	
	C2	Business Law + T				
II	C3	Management Principles and Applications + T	GE2	Business Statistics + T	EVS	Environmental Science
	C4	Corporate Laws + T				
III	C5	Business Mathematics + T	GE3	Macro Economics + T	SEC1	Elementary Computer Application Software + Lab
	C6	Income-Tax Law and Practice + T				
	C7	Human Resource Management + T				
IV	C8	Indirect Tax and GST + T	GE4	Indian Economy - Performance and Policies + T	SEC2	Entrepreneurship + T
	C9	Corporate Accounting + T				
	C10	Computer Applications in Business + T				
V	C11	Cost and Management Accounting + T	DSE1	International Business + T		
	C12	Principles of Marketing + T	DSE2	Financial Markets, Institutions and Financial Services + T		
VI	C13	Auditing and Corporate Governance + T	DSE3	Project Work + Viva		
	C14	Financial Management + T	DSE4	Fundamentals of Investment + T		

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COURSE STUCTURE FOR UNDERGRADUATE '**GENERAL**'
PROGRAMME

Annexure – II

Table AII-1: Under Graduate Programme

Details of courses under B.Sc./ B.A./ B.Com (Undergraduate Programme)

Distribution of 120 Credits

Course	Papers	Credits Theory + Practical	Credits Theory + Tutorial
I. Core Course			
		(DSC A to D)	
04 Courses from each of the			
03 discipline of choice			
Theory	4x3=12 Papers	12X4=48	12X5=60
Practical/Tutorial*	4x3=12 Papers	12X2=24	12X1=12
II. Elective Course (EC)			
A. Discipline Specific Elective		(DSE A & B)	
02 Courses from each of the			
03 discipline of choice			
Theory	2X3=6 Papers	6X4=24	6X5=30
Practical/ Tutorial*	2X3=6 Papers	6X2=12	6X1=6
➤ <i>Optional Dissertations or project in place of in Discipline Specific Elective paper (6 Credits) in 6th Semester.</i>			
III. Ability Enhancement Compulsory Courses (AECC)			
1. English/ MIL Communication/ MIL+NH/ Business Communication for Commerce	1 Paper	1X2=2	1X2=2
2. Environmental Science	1 Paper	1x2=2	1x2=2
3. Skill Enhancement Course of the Core Course opted	(SEC 1, 2, 3 & 4) 4 Papers	4X2=8	4X2=8

Total Credit = 120

= 120

*Wherever there is a practical there will be no tutorial and vice –versa.

Institute should evolve a system / policy about ECA/ General Interest/ Hobby/ Sports / NCC/ NSS/ related courses on its own.

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COURSES OF STUDY FOR UNDERGRADUATE '**B. Sc. General**'
PROGRAMME

Table AII-2: Course structure for B.Sc. (Undergraduate Programme)

Semester	Course (Core Courses) 12 Papers	Allied (Elective Courses) 6 Papers	Ability Enhancement (Compulsory Courses) 6 Papers	Total Credits
Sem-I	DSC-1A, DSC-2A, DSC-3A (6+6+6=18 Credits)	---	Eng / Hindi Comm/ NH+MB (02 Credits)	20 Credits
Sem-II	DSC-1B, DSC-2B, DSC-3B (6+6+6=18 Credits)	---	EVS (02 Credits)	20 Credits
Sem-III	DSC-1C, DSC-2C, DSC-3C (6+6+6=18 Credits)	---	SEC-1 (02 Credits)	20 Credits
Sem-IV	DSC-1D, DSC-2D, DSC-3D (6+6+6=18 Credits)	---	SEC-2 (02 Credits)	20 Credits
Sem-V	---	DSE-1A, DSE-2A, DSE-3A (6+6+6=18 Credits)	SEC-3 (02 Credits)	20 Credits
Sem-VI	---	DSE-1B, DSE-2B, DSE-3B (6+6+6=18 Credits)	SEC-4 (02 Credits)	20 Credits

Total = 120 Credits

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Table AII-2.1: Basic Course structure for SCIENCE (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 x 3 = 12 Papers	Code	2 x 3 = 6 Papers	Code	1 + 1 + 4 = 6 Papers
I	DSC1A DSC2A DSC3A	Core Subject 1; Paper A Core Subject 2; Paper A Core Subject 3; Paper A				Compulsory Language Communication ENG/ HINDI/ NH+MB
II	DSC1B DSC2B DSC3B	Core Subject 1; Paper B Core Subject 2; Paper B Core Subject 3; Paper B			EVS	Environmental Science
III	DSC1C DSC2C DSC3C	Core Subject 1; Paper C Core Subject 2; Paper C Core Subject 3; Paper C			SEC1	SEC1: Elementary Computer Application Softwares +Lab
IV	DSC1D DSC2D DSC3D	Core Subject 1; Paper D Core Subject 2; Paper D Core Subject 3; Paper D			SEC2	SEC2 of Either Core Subject 1,2 or 3
V			DSE1A DSE2A DSE3A	Core Subject 1 Core Subject 2 Core Subject 3	SEC3	SEC3 of same subject opted in Sem III
V			DSE1A DSE2A DSE3A	Core Subject 1 Core Subject 2 Core Subject 3	SEC3	SEC4 of same subject opted in Sem III

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Table AII-2.2: Course structure for PHYSICS (Undergraduate Programme)
Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Mechanics + Lab			Compulsory Language Communication	
II	DSC-B	Electricity and Mechanism + Lab			EVS	Environmental Science
III	DSC-C	Thermal and Statistical Physics + Lab			SEC1	E Elementary Computer Application Software + Lab
IV	DSC-D	Waves & Optics + Lab			SEC2	Basic Instrumentation Skills + Lab
V			DSE-A	Nuclear & Particle Physics + T	SEC3	Radiation Safety + Lab
VI			DSE-B	Classical Dynamics + T	SEC4	Renewable Energy & Energy Harvesting + Lab

Table AII-2.3: Course structure for CHEMISTRY (Undergraduate Programme)
Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Atomic Str., Bonding, General Organic Chem. & Aliphatic Hydrocarbons + Lab			Compulsory Language Communication	
II	DSC-B	Chemical Energetics, Equilibria & Functional Gp Organic Chemistry-I + Lab			EVS	Environmental Science
III	DSC-C	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Gp Organic Chemistry-II + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Coordination chemistry, States of Matter and Chemical Kinetics + Lab			SEC2	Fuel Chemistry + T
V			DSE-A	Polymer Chemistry + Lab	SEC3	Basic Analytical Chemistry + Lab
VI			DSE-B	Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbons and UV, IR Spectroscopy + Lab	SEC4	Pharmaceutical Chemistry + T

Table AII-2.4: Course structure for MATHEMATICS (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Differential Calculus and Coordinate Geometry 2D + T			Compulsory Language Communication	
II	DSC-B	Integral Calculus, Vector Calculus and Trigonometry + T			EVS	Environmental Science
III	DSC-C	Real Analysis I, Group Theory and Differential Equations + T			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Real Analysis II, Complex Variable, Set Theory and Matrices + T			SEC2	Bio Mathematics + T
V			DSE-A	Matrices + T	SEC3	Theory of Equations + T
VI			DSE-B	Complex Analysis + T	SEC4	Mathematical Finance + T

Table AII-2.5: Course structure for ZOOLOGY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Animal Diversity + Lab			Compulsory Language Communication	
II	DSC-B	Comparative Anatomy and Developmental Biology of Vertebrates + Lab			EVS	Environmental Science
III	DSC-C	Physiology and Biochemistry + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Genetics and Evolutionary Biology + Lab			SEC2	Sericulture + T
V			DSE-A	Molecular Biology + T	SEC3	Epiculture + T
VI			DSE-B	Evolutionary Biology + T	SEC4	Pisciculture + T

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Table AII-2.6: Course structure for BOTANY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Biodiversity (Microbes, Algae, Fungi and Archegoniate) + Lab			Compulsory Language Communication	
II	DSC-B	Plant Ecology and Taxonomy + Lab			EVS	Environmental Science
III	DSC-C	Plant Anatomy and Embryology + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Plant Physiology and Metabolism + Lab			SEC2	Mushroom Culture Technology + T
V			DSE-A	Economic Botany and Biotechnology + Lab	SEC3	Herbal Technology + T
VI			DSE-B	Genetics and Plant breeding + Lab	SEC4	Biofertilizers + T

Table AII-2.7: Course structure for GEOLOGY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Physical & Structural Geology + Lab			Compulsory Language Communication	
II	DSC-B	Crystallography & Mineralogy + Lab			EVS	Environmental Science
III	DSC-C	Petrology + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Stratigraphy & Paleontology + Lab			SEC2	Environmental Geology + T
V			DSE-A	Economic Geology & Hydrology + Lab	SEC3	Geochemistry + T
VI			DSE-B	Elements of Applied Geology + Lab	SEC4	Photogeology & Remote Sensing + T

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COURSES OF STUDY FOR UNDERGRADUATE '**B. A. General**'
PROGRAMME

Table AII-3: Course structure for B.A. (Undergraduate Programme)

Semester	Course (Core Courses) 12 Papers	Allied (Elective Courses) 6 Papers	Ability Enhancement (Compulsory Courses) 6 Papers	Total Credits
Sem-I	DSC-1A, DSC-2A, DSC-3A (6+6+6=18 Credits)	---	Eng / Hindi Comm/ NH+MB (02 Credits)	20 Credits
Sem-II	DSC-1B, DSC-2B, DSC-3B (6+6+6=18 Credits)	---	EVS (02 Credits)	20 Credits
Sem-III	DSC-1C, DSC-2C, DSC-3C (6+6+6=18 Credits)	---	SEC-1 (02 Credits)	20 Credits
Sem-IV	DSC-1D, DSC-2D, DSC-3D (6+6+6=18 Credits)	---	SEC-2 (02 Credits)	20 Credits
Sem-V	---	DSE-1A, DSE-2A, DSE-3A (6+6+6=18 Credits)	SEC-3 (02 Credits)	20 Credits
Sem-VI	---	DSE-1B, DSE-2B, DSE-3B (6+6+6=18 Credits)	SEC-4 (02 Credits)	20 Credits

Total = 120 Credits

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Table AII-3.1: Basic Course structure for ARTS (Undergraduate Programme)

Total: 120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 x 3 = 12 Papers	Code	2 x 3 = 6 Papers	Code	1 + 1 + 4 = 6 Papers
I	DSC1A	Core Subject 1; Paper A			Compulsory Language Communication	
	DSC2A	Core Subject 2; Paper A				
	DSC3A	Core Subject 3; Paper A				
II	DSC1B	Core Subject 1; Paper B			EVS	Environmental Science
	DSC2B	Core Subject 2; Paper B				
	DSC3B	Core Subject 3; Paper B				
III	DSC1C	Core Subject 1; Paper C			SEC1	SEC1: Elementary Computer Application Softwares +Lab
	DSC2C	Core Subject 2; Paper C				
	DSC3C	Core Subject 3; Paper C				
IV	DSC1D	Core Subject 1; Paper D			SEC2	SEC2 of Either Core Subject 1,2 or 3
	DSC2D	Core Subject 2; Paper D				
	DSC3D	Core Subject 3; Paper D				
V			DSE1A	Core Subject 1; Paper A	SEC3	SEC3 of same subject opted in Sem III
			DSE2A	Core Subject 2; Paper A		
			DSE3A	Core Subject 3; Paper A		
VI			DSE1B	Core Subject 1; Paper B	SEC4	SEC4 of same subject opted in Sem III
			DSE2B	Core Subject 2; Paper B		
			DSE3B	Core Subject 3; Paper B		

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Table AII-3.2: Course structure for HINDI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	कला और साहित्य +T			Compulsory Language Communication	
II	DSC-B	अनुवाद +T			EVS	Environmental Science
III	DSC-C	साहित्य और पत्रकारिता +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	रचनात्मक लेखन की विधाएँ +T			SEC2	कार्यालयी हिन्दी +T
V			DSE-A	सूरदास एवं तुलसीदास +T	SEC3	रेडियो लेखन +T
VI			DSE-B	लोक साहित्य एवं हिन्दी की राष्ट्रीय काव्यधारा +T	SEC4	समाचार संकलन और लेखन +T

Table AII-3.3: Course structure for ENGLISH (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Background of English Language & Literature +T			Compulsory Language Communication	
II	DSC-B	Poems & Short Stories +T			EVS	Environmental Science
III	DSC-C	British Literature +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Literary Cross Currents +T			SEC2	Business Communication +T
V			DSE-A	English Phonology & Morphology +T	SEC3	Film Studies +T
VI			DSE-B	English Syntax & Semantics +T	SEC4	Creative Writing +T

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Table AII-3.4: Course structure for BENGALI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	History of Bengali Literature +T			Compulsory Language Communication	
II	DSC-B	Bengali Poetry, Novel, Short Stories +T			EVS	Environmental Science
III	DSC-C	Literature: Poems & Short Stories +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Bengali Poetry, Short Stories, Bengali Essay +T			SEC2	Bengali Short Stories
V			DSE-A	Rabindra Sahitya +T	SEC3	Ancient of Mediaval Bengali Literature – Dissertation & Viva
VI			DSE-B	Bengali Folk Literature & Culture +T	SEC4	Mediaval Bengali Poet & Poetry – Dissertation & Viva

Table AII-3.5: Course structure for URDU (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Study of Poet Nazir Akbarabadi +T			Compulsory Language Communication	
II	DSC-B	Study of Short Story Writer Prem Chand +T			EVS	Environmental Science
III	DSC-C	Mass Media: Principles and Practice +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Study of Short Story Writer +T			SEC2	Urdu Essay Writing +T
V			DSE-A	Study of Urdu Nazm +T	SEC3	Urdu Grammar and Composition +T
VI			DSE-B	Origin and Development of Urdu Language +T	SEC4	Mass Media +T

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Table AII-3.6: Course structure for SANSKRIT (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Basic Sanskrit +T			Compulsory Language Communication	
II	DSC-B	Indian Culture and Social Issues +T			EVS	Environmental Science
III	DSC-C	Fundamentals of Indian Philosophy +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Ancient Indian Polity +T			SEC2	Sanskrit Metres and Music +T
V			DSE-A	Indian System of Logical Debate +T	SEC3	Sanskrit Poetry +T
VI			DSE-B	Theatre and Dramaturgy +T	SEC4	Sanskrit Prose +T

Table AII-3.7: Course structure for HO (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	हो भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	हो भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	हो भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	हो भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

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Table AII-3.8: Course structure for KHARIA (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	खड़िया भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	खड़िया भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	खड़िया भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	खड़िया भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

Table AII-3.9: Course structure for KHORTHIA (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	खोरठा भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	खोरठा भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	खोरठा भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	खोरठा भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

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Table AII-3.10: Course structure for KURMALI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	कुरमाली भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	कुरमाली भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	कुरमाली भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	कुरमाली भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

Table AII-3.11: Course structure for KURUX (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	कुँडुख भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	कुँडुख भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	कुँडुख भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	कुँडुख भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

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Table AII-3.12: Course structure for MUNDARI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	मुण्डारी भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	मुण्डारी भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	मुण्डारी भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	मुण्डारी भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

Table AII-3.13: Course structure for NAGPURI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	नागपुरी भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	नागपुरी भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	नागपुरी भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	नागपुरी भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

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16/01/18

Table AII-3.14: Course structure for PANCH PARGANIA (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	पंचपरगनिया भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	पंचपरगनिया भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	पंचपरगनिया भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	पंचपरगनिया भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

Table AII-3.15: Course structure for SANTHALI (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	संताली भाषा-साहित्य का इतिहास , कवि एवं काव्य +T			Compulsory Language Communication	
II	DSC-B	संताली भाषा का व्याकरण एवं भाषा विज्ञान +T			EVS	Environmental Science
III	DSC-C	संताली भाषा के लोकगीत एवं लोक कथा +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	संताली भाषा के कहानी एवं उपन्यास साहित्य +T			SEC2	झारखण्डी कानून +T
V			DSE-A	झारखण्डी समुदाय के संस्कार एवं संस्कृति , पारम्परिक शासन-व्यवस्था +T	SEC3	वाक्यांश, शब्द एवं वाक्यों का अनुवाद , लेखन एवं प्रारूपण विधि +T
VI			DSE-B	अपनी समुदाय का सांस्कृतिक केन्द्र , झारखण्डी पाक् कला +T	SEC4	झारखण्ड की नृत्य शैलियाँ +T

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16/01/18

Table AII-3.16: Course structure for GEOGRAPHY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Geomorphology + Lab			Compulsory Language Communication	
II	DSC-B	Human Deography + Lab			EVS	Environmental Science
III	DSC-C	Climatology + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Economic Geography + Lab			SEC2	Agricultural Geography + Project
V			DSE-A	Urban Geography + Project	SEC3	Regional Planning + Project
VI			DSE-B	Population Geography + Project	SEC4	Settlement Geography + Project

Table AII-3.17: Course structure for HISTORY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	History of India from Earliest Times up to 300 CE + T			Compulsory Language Communication	
II	DSC-B	History of India (C.300 - 1206AD) + T			EVS	Environmental Science
III	DSC-C	History of India (1206 - 1707AD) + T			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	History of India (1757 - 1950AD) + T			SEC2	Indian History & Culture + T
V			DSE-A	Patterns of Colonialism in the World 15 th to 19 th Centuries + T	SEC3	An Introduction to Archeology + T
VI			DSE-B	Some aspects of European History (1780-1945AD) + T	SEC4	Documentation & Visual Culture + T

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Table AII-3.18: Course structure for POLITICAL SCIENCE (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	An Introduction to Political Theory +T			Compulsory Language Communication	
II	DSC-B	Indian Govt. and Politics +T			EVS	Environmental Science
III	DSC-C	Comparative Govt. and Politics +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Theories of International Politics +T			SEC2	Basic Computer Knowledge +T
V			DSE-A	Foreign Policy of India +T	SEC3	International Organization +T
VI			DSE-B	Political Ideology +T	SEC4	Gandhian Thought +T

Table AII-3.19: Course structure for PSYCHOLOGY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Introduction to Psychology +Lab			Compulsory Language Communication	
II	DSC-B	Social Psychology +Lab			EVS	Environmental Science
III	DSC-C	Psychopathology +Lab			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Statistics +Lab			SEC2	Counselling & Guidance +Lab
V			DSE-A	Organizational Behaviour +Lab	SEC3	Techniques of Counseling +Lab
VI			DSE-B	Health Psychology +Lab	SEC4	Application of Counseling +Lab

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16/01/18

Table AII-3.20: Course structure for SOCIOLOGY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Introduction to Sociology-I +T			Compulsory Language Communication	
II	DSC-B	Introduction to Sociology-II +T			EVS	Environmental Science
III	DSC-C	Classical Sociological Thinkers +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Research Methodology and Statistics +T			SEC2	Paper presentation on sociological perspectives and group discussion
V			DSE-A	Rural Sociology +T	SEC3	Report writing on social problems and viva-voce
VI			DSE-B	Urban Sociology +T	SEC4	Report writing on Tribal's of Jharkhand and Viva-Voce

Table AII-3.21: Course structure for ECONOMICS (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Principles of Microeconomics-I +T			Compulsory Language Communication	
II	DSC-B	Principles of Microeconomics-II +T			EVS	Environmental Science
III	DSC-C	Principles of Macroeconomics-I +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Principles of Microeconomics-II +T			SEC2	Numerical Ability +T
V			DSE-A	Gp 1A: Money and Banking +T Gp 1B: Economic Development and Policy in India-I +T	SEC3	Data Collection, Analysis & Interpretation +T
VI			DSE-B	Gp 2A: Public Finance +T Gp 2B: Economic Development and Policy in India-II +T	SEC4	Test of Reasoning Ability +T

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Table AII-3.22: Course structure for ANTHROPOLOGY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Foundation of Social Cultural Anthropology +T			Compulsory Language Communication	
II	DSC-B	Biological Anthropology +T			EVS	Environmental Science
III	DSC-C	Prehistoric Anthropology +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Linguistic Anthropology +T			SEC2	Medical Anthropology +T
V			DSE-A	Anthropological Theory +T	SEC3	Tribal Development +T
VI			DSE-B	Research Methodology +T	SEC4	Communicational Anthropology +T

Table AII-3.23: Course structure for PHILOSOPHY (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Indian Philosophy-I +T			Compulsory Language Communication	
II	DSC-B	Indian Philosophy-II +T			EVS	Environmental Science
III	DSC-C	Indian Ethics +T			SEC1	Elementary Computer Application Software +Lab
IV	DSC-D	Western Ethics +T			SEC2	Deductive Logic +T
V			DSE-A	Social Philosophy +T	SEC3	Inductive Logic +T
VI			DSE-B	Political Philosophy +T	SEC4	Computer Advance Learning +T

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Table AII-3.24: Course structure for HOME SCIENCE (Undergraduate Programme)

Total:120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 Papers	Code	2 Papers	Code	4 Papers
I	DSC-A	Food and Nutrition + Lab			Compulsory Language Communication	
II	DSC-B	Home Management + Lab			EVS	Environmental Science
III	DSC-C	Child Development & Extension Education + Lab			SEC1	Elementary Computer Application Software + Lab
IV	DSC-D	Advanced Textile + Lab			SEC2	Health Care and Dietetics of early Childhood Care & Education + Lab
V			DSE-A	Public Nutrition + Lab	SEC3	Training for Organizational Setup + Lab
VI			DSE-B	Clothing Construction + Lab	SEC4	Apparel Made-up and Home Furnishings + Lab

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COURSES OF STUDY FOR UNDERGRADUATE '**B. Com. General**'
PROGRAMME

Table AII-4: Basic Course structure for COMMERCE (Undergraduate Programme)

Total: 120 Credits

Semester	Course (Core Courses)		Allied (Elective Courses)		Ability Enhancement (Compulsory Courses)	
	Code	4 x 3 = 12 Papers	Code	2 x 3 = 6 Papers	Code	1 + 1 + 4 = 6 Papers
I	DSC1A DSC2A DSC3A	Principle of Economics + T Financial Accounting-I + T Business Studies + T				Compulsory Language Communication Business Communication/ ENG/ HINDI/ NH+MB
II	DSC1B DSC2B DSC3B	Financial Accounting-II + T Auditing + T Business Law + T			EVS	Environmental Science
III	DSC1C DSC2C DSC3C	Corporate Accounting + T Financial Management + T Company Law + T			SEC1	Elementary Computer Application Softwares + Lab
IV	DSC1D DSC2D DSC3D	Cost Accounting + T Money and Banking + T Income-Tax Law and Practice + T			SEC2	Office Management + T
V			DSE1A DSE2A DSE3A	Principles of Management + T Personnel Management + T International Trade + T	SEC3	Inventory Management + T
VI			DSE1B DSE2B DSE3B	Rural Marketing + T Public Enterprises + T Economic Development of India + T	SEC4	Working Capital Management + T

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SAMPLE CALCULATION FOR SGPA & CGPA FOR UNDERGRADUATE
'B.Sc./B.A./B.Com Honours & General' PROGRAMME

Distribution of Credits Semester wise for Undergraduate Honours/ General Courses

Table AIII-1: UG (B.A./ B.Sc./B.Com. Hons. Programme)

Semester wise distribution of 140 Credits

	C.C	AECC	GE	SEC	DSE	Total credits
Semester I	12	02	06			20
Semester II	12	02	06			20
Semester III	18		06	02		26
Semester IV	18		06	02		26
Semester V	12				12	24
Semester VI	12				12	24
	84	04	24	04	24	140

CC=Core Course; AECC=Ability Enhancement Compulsory Course; GE=Generic Elective; SEC=Skill Enhancement Course; DSE=Discipline Specific Elective

Table AIII-2: UG (B.A./ B.Sc./B.Com. Programme)

Semester wise distribution of 120 Credits

	C.C	AECC	GE	SEC	DSE	Total credits
Semester I	18	02				20
Semester II	18	02				20
Semester III	18			02		20
Semester IV	18			02		20
Semester V				02	18	20
Semester VI				02	18	20
	72	04		08	36	120

CC=Core Course; AECC=Ability Enhancement Compulsory Course; GE=Generic Elective; SEC=Skill Enhancement Course; DSE=Discipline Specific Elective

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Table AIII-3: Sample calculation for SGPA for B.Sc./B.A./B.Com Honors Programme

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)	SGPA (Credit Point/Credit)
Semester I					
C-1	06	A	8	48	
C-2	06	B+	7	42	
AECC-1	02	B	6	12	
GE-1	06	B	6	36	
Total	20			138	6.9 (138/20)
Semester II					
C-3	06	B	6	36	
C-4	06	C	5	30	
AECC-2	02	B+	7	14	
GE-2	06	A+	9	54	
Total	20			134	6.7 (134/20)
Semester III					
C-5	06	A+	9	54	
C-6	06	O	10	60	
C-7	06	A	8	48	
SEC-1	02	A	8	16	
GE-3	06	O	10	60	
Total	26			238	9.15 (238/26)
Semester IV					
C-8	06	B	6	36	
C-9	06	A+	9	54	
C-10	06	B	6	36	
SEC-2	02	A+	9	18	
GE-4	06	A	8	48	
Total	26			192	7.38 (192/26)
Semester V					
C-11	06	B	6	36	
C-12	06	B+	7	42	
DSE-1	06	O	10	60	

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DSE-2	06	A	8	48	
Total	24			186	7.75 (186/24)
Semester VI					
C-13	06	A+	9	54	
C-14	06	A	8	48	
DSE-3	06	B+	7	42	
DSE-4	06	A	8	48	
Total	24			192	8.0 (192/24)
CGPA					
Grand Total	140			1080	7.71 (1080/140)

Table AIII-4: Sample calculation for CGPA for B.Sc./B.A./B.Com Honors Programme

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:20; SGPA:6.9	Credit:20; SGPA: 6.7	Credit:26; SGPA: 9.15	Credit:26; SGPA: 7.38	Credit:24; SGPA: 7.75	Credit:24; SGPA: 8.0

Thus CGPA= (20x6.9+20x6.7+26x9.15+26x7.38+24x7.75+24x8.0)/140=7.71

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Table AIII-5: Sample calculation for SGPA for B.A./B.Sc./B.Com. Program

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)	SGPA (Credit Point/Credit)
Semester I					
DSC - 1A	06	B	6	36	
DSC - 2A	06	B+	7	42	
DSC - 3A	06	C	5	30	
AECC – 1	02	B	6	12	
Total	20			120	6.0 (120/20)
Semester II					
DSC - 1B	06	B	6	36	
DSC - 2B	06	B	6	36	
DSC - 3B	06	C	5	30	
AECC – 2	02	A+	9	18	
Total	20			120	6.0 (120/20)
Semester III					
DSC - 1C	06	A	8	48	
DSC - 2C	06	A+	9	54	
DSC - 3C	06	A	8	48	
SEC – 1	02	A	8	16	
Total	20			166	8.3 (166/20)
Semester IV					
DSC - 1D	06	C	5	30	
DSC - 2D	06	B	6	36	
DSC - 3D	06	B+	7	42	
SEC - 2	02	A+	9	18	
Total	20			126	6.3 (126/20)

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Semester V					
DSE - 1A	06	B	6	36	
DSE - 2A	06	A+	9	54	
DSE - 3A	06	A	8	48	
SEC - 3	02	B	6	12	
Total	20			150	7.5 (150/20)
Semester VI					
DSE - 1B	06	B+	7	42	
DSE - 1B	06	B	6	36	
DSE - 1B	06	C	5	30	
SEC - 4	02	C	5	10	
Total	20			118	5.9 (118/20)
CGPA					
Grand Total	120			800	6.67 (800/120)

Table AIII- 6: Sample calculation for CGPA for B.A./B.Sc./B.Com. Program

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:20; SGPA: 6.0	Credit:20; SGPA: 6.0	Credit:20; SGPA: 8.3	Credit:20; SGPA: 6.3	Credit:20; SGPA: 7.5	Credit:20; SGPA: 5.9

Thus CGPA= (20x6.0+20x6.0+20x8.3+20x6.3+20x7.5+20x5.9)/120=6.67

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Resolution:

1. Resolved that the draft document with required changes are prepared in the light of discussion and then with consent of H.O.D. of all 22 subjects, this Draft Regulation is implemented from Academic Session 2017-20 onwards.
2. The decision taken properly placed in the concerned file with Incharge, EDPC, Ranchi University, Ranchi.

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