

# KOLHAN UNIVERSITY, CHAIBASA



## IMPLEMENTATION OF NEP-2020 FOR JHARKHAND STATE UNIVERSITIES (Curriculum, Credit framework & Examination)

Presented by

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# INTRODUCTION

Undergraduate degree programmes of either 3 or 4-year duration, with multiple entries and exit points and re-entry options within this period, with appropriate certifications such as:

- i. a Certificate after completing 1 year (2 semesters) of study in the chosen fields of study,
- ii. a Diploma after 2 years (4 semesters) of study,
- iii. a Bachelor's Degree after a 3-year (6 semesters) programme of study,
- iv. a Bachelor's Degree (Honours) after a 4-year (8 semesters) programme of study,
- v. a Bachelor's Degree (Honours with Research) after a 4-year (8 semesters) programme of study to the students undertaking 12 credit Research component in fourth year of FYUGP.

- i. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- ii. **Semester:** The odd semester is scheduled from July to December and the even semester is from January to June. Each week has a minimum of 40 working hours spread over 6 days.

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. Each working week will have 40 hours of instructional time.

Each semester will include – Admission, course work, conduct of examination and declaration of results including semester break.

**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. The workload relating to a course is measured in terms of credit hours. It determines the number of hours of instruction required per week over the duration of a semester (minimum 15 weeks).

- a) One hour of teaching/ lecture or two hours of laboratory /practical work will be assigned per class/interaction.

**One credit for Theory** = 15 Hours of Teaching i.e., 15 Credit Hours

**One credit for Practicum** = 30 Hours of Practical work i.e., 30 Credit Hours

- b) Each course may have only a lecture component or a lecture and tutorial component or a lecture and practicum component or a lecture, tutorial, and practicum component, or only practicum component. For example, a three-credit lecture course in a semester means three one-hour lectures per week. In a semester of 15 weeks' duration, a three-credit lecture course is equivalent to 45 hours of teaching.

- c) For credit determination, instruction is divided into three major components:

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

**Tutorials (T)** – Special, elaborate instructions on specific topics 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) All courses needed not to carry the same weight. The course should define learning objectives and learning outcomes. A Course is designed to comprise lecture/ tutorials/ laboratory work/ fieldwork/ project work/ viva/ seminars/ assignments/ presentations etc. or a combination of some of these

## **. DURATION (TIME FRAME) OR VALIDITY OF REGISTRATION**

- i. The UG programme for a regular student shall be for a period of four years with multiple entry and multiple exit options.
- ii. Each academic year shall comprise of two semesters, viz. Odd and Even semesters.
- iii. Odd Semesters shall be from July to December and Even Semesters from January to June.
- iv. Eligibility to take Research courses in Semester VII is to secure a minimum of overall marks 75% (7.5 CGPA) and above up to semester VI along with other criteria of the Institution.
- v. The validity of credits earned/kept in the Academic Bank of Credits account will be 7 years.





# CHOOSING PROGRAMME / STUDY COURSES

The curriculum consists of major stream courses, minor stream courses and courses from other disciplines, language courses, skill courses, and a set of courses on Environmental education, understanding India, Digital and technological solutions, Health & Wellness, Yoga education, and sports and fitness. There will be courses from broad disciplinary areas, each having a basket of courses:

- i. Natural and Physical Sciences
- ii. Mathematics, Statistics, and Computer Applications
- iii. Library, Information and Media Sciences
- iv. Commerce and Management
- v. Humanities and Social Sciences
- vi. Or others offered by the University

At the time of admission, a student will have to select a 'Major' from any of the broad disciplinary areas. The selection for admission will be primarily based on availability of seats in Major and marks imposed by the institution. A student will also have to select three subjects for 'Multidisciplinary Courses' from a pool of subjects offered by the institution from the concerned broad disciplinary areas.

# Semester wise Course Code and Credit Point for Single Major:

<b>Semester</b>	<b>Common, Introductory, Major, Vocational &amp; Internship Courses</b>		
	<b>Code</b>	<b>Papers</b>	<b>Credits</b>
<b>I</b>	AEC-1	Language and Communication Skills (MIL-1; Hindi Composition)	2
	VAC-1	Value Added Course-1	2+2= 4
	SEC-1	Skill Enhancement Course-1	3
	MDC-1	Multi-disciplinary Course-1	3
	MN-1A	Minor from Discipline-1	4
	MJ-1	Major paper 1 (Disciplinary/Interdisciplinary Major)	4

Semester	Code	Papers	Credits
II	AEC-2	Language and Communication Skills (English)	2
	SEC-2	Skill Enhancement Course-2	3
	MDC-2	Multi-disciplinary Course-2	3
	MN-2A	Minor from Vocational Studies/Discipline-2	4
	MJ-2	Major paper 2 (Disciplinary/Interdisciplinary Major)	4
	MJ-3	Major paper 3 (Disciplinary/Interdisciplinary Major)	4



Semester	Code	Papers	Credits
III	AEC-3	Language and Communication Skills (MIL-2; Modern Indian language including TRL)	2
	SEC-3	Skill Enhancement Course-3	3
	MDC-3	Multi-disciplinary Course-3	3
	MN-1B	Minor from Discipline-1	4
	MJ-4	Major paper 4 (Disciplinary/Interdisciplinary Major)	4
	MJ-5	Major paper 5 (Disciplinary/Interdisciplinary Major)	4





Semester	Code	Papers	Credits
IV	AEC-3	Language and Communication Skills (MIL-2/ English-2)	4
	VAC-2	Value Added Course-2	2
	MN-2B	Minor from Vocational Studies/Discipline-2	4
	MJ-6	Major paper 6 (Disciplinary/Interdisciplinary Major)	4
	MJ-7	Major paper 7 (Disciplinary/Interdisciplinary Major)	4
	MJ-8	Major paper 8 (Disciplinary/Interdisciplinary Major)	4



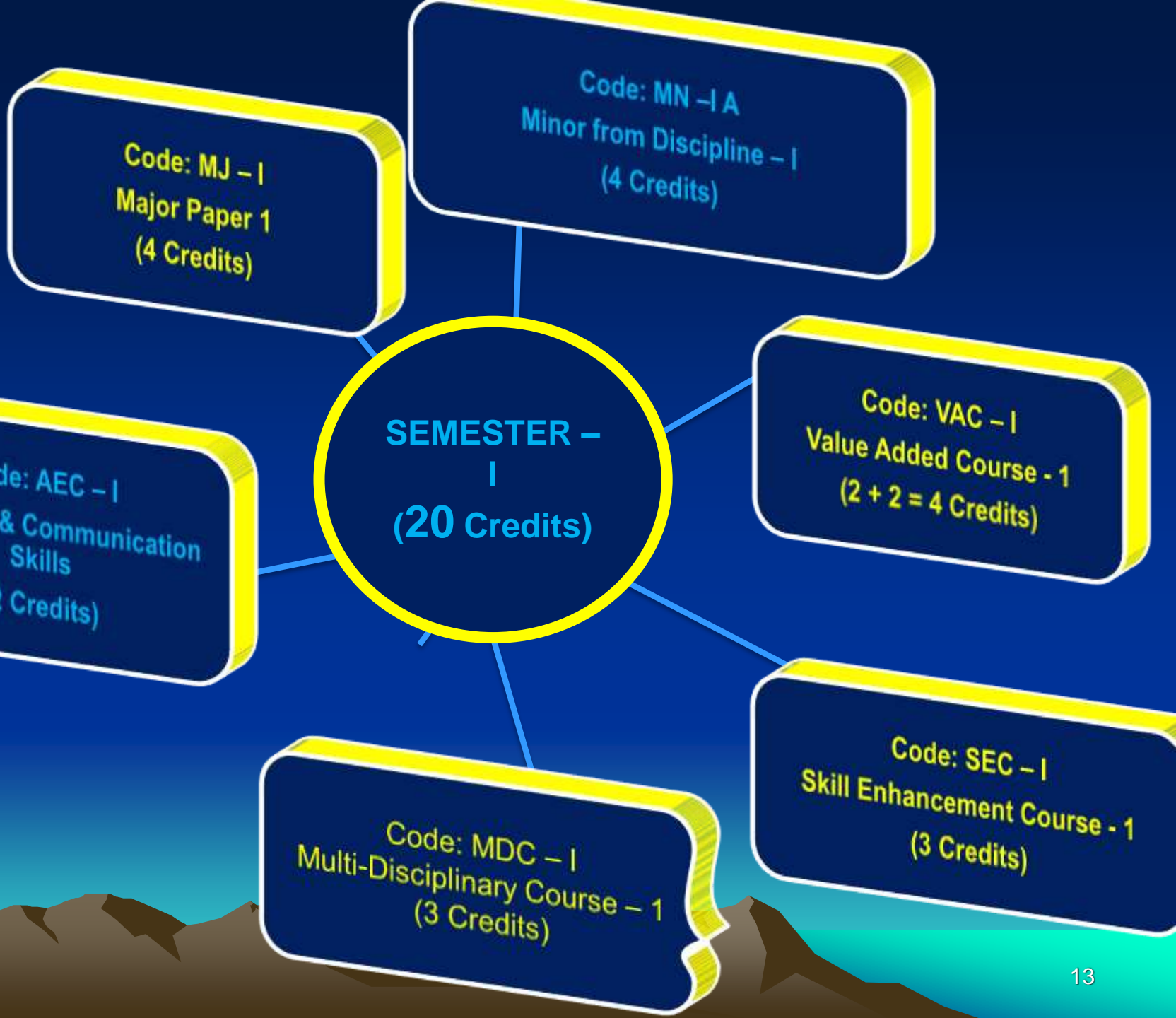
Semester	Code	Papers	Credits
V	MN-1C	Minor from Discipline-1	4
	MJ-9	Major paper 9 (Disciplinary/Interdisciplinary Major)	4
	MJ-10	Major paper 10 (Disciplinary/Interdisciplinary Major)	4
	MJ-11	Major paper 11 (Disciplinary/Interdisciplinary Major)	4
	IAP	Internship/Apprenticeship/Field Work/Dissertation/Project	4
VI	MN-2C	Minor from Vocational studies/Discipline-2	4
	MJ-12	Major paper 12 (Disciplinary/Interdisciplinary Major)	4
	MJ-13	Major paper 13 (Disciplinary/Interdisciplinary Major)	4
	MJ-14	Major paper 14 (Disciplinary/Interdisciplinary Major)	4
	MJ-15	Major paper 15 (Disciplinary/Interdisciplinary Major)	4

Semester	Code	Papers	Credits
VII	MN-1D	Minor from Discipline-1	4
	MJ-16	Major paper 16 (Disciplinary/Interdisciplinary Major)	4
	MJ-17	Major paper 17 (Disciplinary/Interdisciplinary Major)	4
	MJ-18	Major paper 18 (Disciplinary/Interdisciplinary Major)	4
	MJ-19	Major paper 19 (Disciplinary/Interdisciplinary Major)	4
VIII	MN-2D	Minor from Vocational Studies/Discipline-2	4
	MJ-20	Major paper 20 (Disciplinary/Interdisciplinary Major)	4
	RC/	Research Internship/Field Work/Dissertation OR	12/
	AMJ-1	Advanced Major Paper-1(Disciplinary/ Interdisciplinary Major)	4
	AMJ-2	Advanced Major Paper-1(Disciplinary/ Interdisciplinary Major)	4
	AMJ-3	Advanced Major Paper-1(Disciplinary/ Interdisciplinary Major)	4
		<b>Total Credit</b>	<b>160</b>

# TOTAL FYUGP STRUCTURE

Level of Courses	Semester	MJ; Discipline Specific Courses – Core or Major (80)	MIN; Minor from discipline (16)	MN; Minor from vocational (16)	MDC; Multidisciplinary Courses [Life sciences, Physical Sciences, Mathematical and Computer Sciences, Data Analysis, Social Sciences, Humanities, etc.] (9)	AEC; Ability Enhancement Courses (Modern Indian Language and English) (8)	SEC; Skill Enhancement Courses (9)	VAC; Value Added Courses (6)	IAP; Internship/ Dissertation (4)	RC; Research Courses (12)	AMJ; Advanced Courses in lieu of Research (12)	Credits	Double Major (DMJ)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
100-199: Foundation or Introductory courses	I	4	4		3	2	3	4				20	4+4
	II	4+4		4	3	2	3					20	4+4
	Exit Point: Undergraduate Certificate provided with Summer Internship/ Project (4 credits)												
200-299: Intermediate-level courses	III	4+4	4		3	2	3					20	4+4
	IV	4+4+4		4		2		2				20	4+4
	Exit Point: Undergraduate Diploma provided with Summer Internship in 1 <sup>st</sup> or 2 <sup>nd</sup> year/ Project (4 credits)												
300-399: Higher-level courses	V	4+4+4	4						4			20	4+4
	VI	4+4+4+4		4								20	4+4
	Exit Point: Bachelor's Degree												
400-499: Advanced courses	VII	4+4+4+4	4									20	4+4
	VIII	4		4						12	4+4+4	20	4+4
	Exit Point: Bachelor's Degree with Hons. /Hons. with Research											160	224

Note: Honours students not undertaking research will do 3 courses for 12 credits in lieu of a Research project / Dissertation.





**Major Courses: (Disciplinary/Interdisciplinary Major)**

- i. The FYUGP offers students a general understanding as well as in-depth study of at least one subject area termed as Major.
- ii. At the time of admission, a student will select a Major subject offered by the institution.
- iii. The major subject will be of a higher level to get deep knowledge and specialization in the discipline selected. These will be of total 80 credits to be covered during semesters I -VIII. In semesters VII and VIII, the advanced level courses of the major subject of 12 credits be offered in lieu of taking up Research Courses.

**Minor Courses: (Disciplinary/Interdisciplinary Minor)**

- i. The student will have to choose Two Minor subjects at the time of admission.
- ii. One Minor subject to support the major subject from the concerned broad disciplinary area in the first semester.
- iii. The other will be from a pool of vocational courses/skill enhancement courses of vocational nature either supporting the major or from the field of major courses offered by the institution.

**Change of Major & Minor:** At the end of the second semester, students can decide either to continue with the chosen major or request a change of major. The minor stream courses include vocational courses which will help the students to equip with job-oriented skills. A student may declare the choice of the minor and vocational stream at the end of the second semester, after exploring various courses.



# COMMON COURSES

**Common Courses:** The following courses may be common to all students in semesters I to III:

- i. A student has to opt for One paper of 2 credits in MIL (Hindi Communication).
- ii. English Communication will be a compulsory common paper of 2 credits.
- iii. 'Environmental studies' of 2 credits
- iv. 'Understanding India' of 2 credits
- v. 'Health & Wellness, Yoga Education, Sports & Fitness' of 2 credits
- vi. 'Community Engagement & Service (NSS/ NCC/ Adult Education)' of 2 credits

**Ability Enhancement Courses (AEC):** Modern Indian Language (MIL) & English language focused on language and communication skills.

**Note:**

- i. Major and Minor courses once continued in Semester-III would not be changed unless the student quits a programme and joins a new programme.
- ii. The student will be required to accumulate a certain minimum number of credits (as defined in the case of the Programme) to qualify for the stages of the Four-year UG programme.
- iii. University may revise subject mapping as per subjects available at institutions or in cases of new subject introduced in times.
- iv. The FYUGP Curriculum framework may be revised subject to the guidelines provided by the UGC in times.
- v. Only the minimum total number of credits in each semester is indicated above. The HEIs may decide the number of credits for each course (e.g. Major, Minor, Multidisciplinary, etc.) to fulfil the minimum number of credit requirements.
- vi. Students may be permitted to audit course(s) of their choice offered by the HEI provided they meet the pre-requisite for the course.
- vii. Minor stream courses can be from 50% of the total credits must be secured in the relevant subject/discipline and another 50% of the total credits from a minor can be earned from any discipline as per students' choice.
- viii. Students are not allowed to take the same courses studied in the 12th class under the interdisciplinary category.
- ix. 40% of the credits in any category may be earned through online courses approved by the Department and Institution as per the existing UGC regulations.
- x. VIII-Semester core major may be seminar-based with students' presentations and discussions.
- xi. Students may be encouraged to enrol in activities such as NSS / NCC.

# CREDIT FRAMEWORK FOR 1<sup>ST</sup> SEM (FYUGP) UNDER STATE UNIVERSITIES OF JHARKHAND (SINGLE MAJOR) – FOUNDATION LEVEL

CODE	SUBJECT	CREDIT	F.M.	P.M.
MJ-1	DISCIPLINE SPECIFIC COURSE- (CORE OR MAJOR) - 1	4	100	40
MN-1A	MINOR FROM DISCIPLINE - 1	4	100	40
MDC-1	MULTI-DISCIPLINARY COURSE - 1	3	75	30
AEC-1	ABILITY ENHANCEMENT COURSE - LANGUAGE & COMMUNICATION SKILLS (HINDI COMPOSITION)	2	50	20
VAC-1	VALUE ADDED COURSE-1 (i) UNDERSTANDING INDIA (ii) ENVIRONMENTAL STUDIES / YOGA EDUCATION/ HEALTH AND WELLNESS	4 (2+2)	100 (50 + 50)	(20 + 20)
SEC-1	SKILL ENHANCEMENT COURSE-1 (DIGITAL EDUCATION)	3	75	30
	<b>TOTAL</b>	<b>20</b>	<b>500</b>	<b>200</b>



A. **COMMON COURSES** (Columns 7 to 10 in Table 1):

The syllabus of Common Courses will be prepared at the University level as per the following guidelines:

1) **AEC; Language and Communication Skills** (Column 7 in Table 1)

- Special emphasis on language and communication skills.
- To enable the students to acquire and demonstrate the core linguistic skills, including critical reading and expository and academic writing skills, that help students articulate their arguments and present their thinking clearly and coherently and recognise the importance of language as a mediator of knowledge and identity.
- To enable the students to acquaint with the cultural and intellectual heritage of the chosen MIL and English language
- To provide reflective understanding of the structure and complexity of the language/literature related to both the MIL and English language.
- To develop and enhance the skills such as communication, ability to participate/conduct discussion and debate.
- Semester wise distribution of papers shall be as follows:
  - i. Semester-I: Hindi/English
  - ii. Semester-II: English/Hindi
  - iii. Semester-III & IV: Any language course from one subject.

2) **VAC; Environmental Studies** (Column 9) [Theory paper, 2 Credits]

- To equip students with the ability to apply the acquired knowledge, skills, attitudes, and values required to take appropriate actions for mitigating the effects of environmental degradation, climate change and pollution, effective waste management, conservation of biological diversity, management of biological resources, forest and wildlife conservation, and sustainable development and living.
- To deepen the knowledge and understanding of India's environment in its totality, their interactive processes, and effects on the future quality of people's lives.
- A unit in the context of Jharkhand

3) **VAC; Understanding India** (Column 9) [Theory paper, 2 Credits]

- To enable the students to acquire and demonstrate the knowledge and understanding of contemporary India with its historical perspective
- To demonstrate the basic framework of the goals and policies of national development



- To demonstrate the constitutional obligations with special emphasis on constitutional values and fundamental rights and duties.
- To develop the understanding of Indian knowledge systems, Indian education system and the roles and obligations of teachers to the nation in general and to the society.
- To deepen knowledge about and understanding of India's freedom struggle and of the values and ideals that it represented.
- to prepare the learners for their roles and responsibilities as effective citizens of a democratic society.
- A unit in the context of Jharkhand

4) **VAC; Health & Wellness, Yoga Education, Sports & Fitness** (Column 9) [2 Credits]

- To promote an optimal state of physical, emotional, intellectual, social spiritual and environmental wellbeing of a person.
- To organise sports and fitness activities outside the regular institutional working hours.
- Yoga education focusing on preparing the students physically and mentally for the integration of their physical, mental, and spiritual faculties, to maintain self-discipline, self-control, to learn to handle oneself well in all life situations.
- The focus of sports and fitness components of the courses will be on the improvement of physical fitness including the improvement of various components of physical and skills related fitness like strength, speed, coordination, endurance and flexibility;
- Acquisition of sports skills relevant to a particular sport; improvement of tactical abilities; and improvement of mental abilities.

5) **SEC; Digital Education** (Column 8) [3 Credits]

- An overview of Computer System
- Basic Hardware & Software
- Operating System
- Word Processing, Spread Sheets and Presentation
- Internet
- e-Governance Services
- Digital Financial Tools & Applications
- Cyber defense
- And any other

6) **SEC; Mathematical and Computational Thinking and Analysis** (Column 8) [3 Credits]

- To focus primarily on the mathematical and statistical tools used to support the study of natural and social sciences.

- To focus on the methodology used to analyse quantitative information to make decisions, judgments, and predictions
- To focus on the methodology of quantitative analysis.
- To ensure that students achieve a level of proficiency in using and analysing quantitative information.
- To enable students for defining a problem by means of numerical or geometrical representations of real-world phenomena, determining how to solve it, deducing inferences, formulating alternatives, and predicting cause and effect relationships.

7) **VAC; Global Citizenship Education & Education for Sustainable Development** (Column 9)  
[Theory paper, 2 Credits]

- To empower learners to become aware of and understand global and sustainable development issues
- To become active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies.
- Enabling students to embrace and practice constitutional, humanistic, ethical, and moral values in conducting one's life, including universal human values and citizenship values.
- To practice responsible global citizenship required for responding to contemporary global challenges
- To aware students about global issues and to make them active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies.
- To enable the students in recognising environmental and sustainability issues, and to participate in actions to promote sustainable development.
- To instil integrity in students and enabling them identify ethical issues related to work, and follow ethical practices.

8) **VAC; Community Engagement & Service (NSS/ NCC/ Adult Education)** (Column 9) [2 Credits]

- Courses requiring students to participate in field-based learning/project
- The curricular component will involve activities that would expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems.
- To instil the desire and ability to participate in activities/services that are undertaken in collaboration with community members for promoting the wellbeing of the society, including participation in National Services Scheme (NSS), National Cadet Corps (NCC), adult literacy/education programmes, mentoring school students etc.

**B. MDC; MULTIDISCIPLINARY COURSES (Column 6 in Table 1):**

Introductory/Multidisciplinary Courses aim to develop capabilities in the students across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects.

**1) Introductory/Multidisciplinary Regular Courses (Column 6) [3+3+3=09 Credits]**

- There will be an introductory paper of each subject which aim at instilling a broad understanding and an appreciation of the subject.
- A student will study three different subjects in the multidisciplinary courses during first three semesters
- Students are not allowed to choose or repeat courses already undergone at the higher secondary level (12<sup>th</sup> class) in the proposed major and minor stream under this category.
- The syllabus of introductory paper of a subject should aims to develop a coherent view of essential concepts, structures, and intellectual methods that characterise the subject.
- The main thrust of multi/inter-disciplinary courses will be to promote critical thinking, team-based intellectual activities, and the analytic skills that characterise different disciplinary areas of study.

**C. MAJOR COURSES (Columns 1 in Table 1):**

- The syllabi will be as per the syllabi of 'Learning Outcomes based Curriculum Framework' (LOCF) released by UGC.
- If LOCF syllabus of a subject is not available, then syllabus of such subject will be as per the CBCS Syllabus of UGC.
- The Credit hours of Non-Practical Subjects may be Lecture + Tutorials = 3+1= 4.
- For practical subjects, it is suggested that there will be one practical paper from semesters II to VII of 4 credits. All theory papers in major courses will be of 4 credits.

**D. ADVANCED MAJOR COURSES (Columns 12 in Table 1):**

- The syllabi will be framed in order to develop deeper knowledge of the major or research oriented contents.
- Syllabus of AMJ-1, AMJ-2 & AMJ-3 (Advanced Major papers 1-3) will be framed from the discipline major or as appropriate from the respective/allied subject.
- For practical subjects, there will be one practical paper in AMJ-3 of 4 credits and rest will be theory papers of 4 credits.



F. **MINOR (Columns 2 & 3 in Table 1):**

1) **Minor relating to disciplinary area (Columns 15) [4x4 = 16 Credits]**

- Minor-1 will be a subject to support the major subject from the concerned broad disciplinary area in the first semester.
- The syllabus of MN-1A to MN-1D ((Minor Papers 1A, 1B, 1C & 1D) will be prepared by taking the contents from LOCF/CBCS syllabus of GE-1 to GE-4.
- The Credit hours of Non-Practical Subjects would be Lecture + Tutorials = 3+1= 4.
- The Credit hours of Practical Subjects would be Lecture + Practical = 3+1=4.

2) **Minor relating to vocational nature (Columns 16) [4x4 = 16 Credits]**

- Minor-2 relating to vocational nature will be from a pool of vocational courses/skill enhancement courses of vocational nature either supporting the major or from the field of major courses offered by the institution.
- The syllabus of MN-2A to MN-2D ((Minor Papers 2A, 2B, 2C & 2D) will be prepared by taking the contents from LOCF/CBCS syllabus of GE-1 to GE-4.
- Vocational courses will be decided at the institute level as per availability of resources and facilities for vocational studies.
- The other will be from a pool of vocational courses/skill enhancement courses of vocational nature either supporting the major or from the field of major courses offered by the institution.

G. **RESEARCH COURSES (Column 11):**


**Research Methodology** will be a paper of 4 credits in semester VIII as a component of Research courses. There will be theory examination semester internal and end semester university examination of total 100 marks as described earlier for various courses.

The second part of the Research courses Overall project dissertation may be evaluated under the following heads:

- ☐ Motivation for the choice of topic
- ☐ Project dissertation design
- ☐ Methodology and Content depth
- ☐ Results and Discussion
- ☐ Future Scope & References
- ☐ Participation in Internship programme with reputed organization
- ☐ Application of Research technique in Data collection
- ☐ Report Presentation
- ☐ Presentation style

Broad guidelines for distribution of marks may be as follows or as appropriate:

1. Assessment of Project Synopsis :	75 marks
2. Assessment of Project Thesis :	100 marks
3. Viva-voce :	25 marks



# Option to select subject combinations from disciplinary/ inter-disciplinary programmes

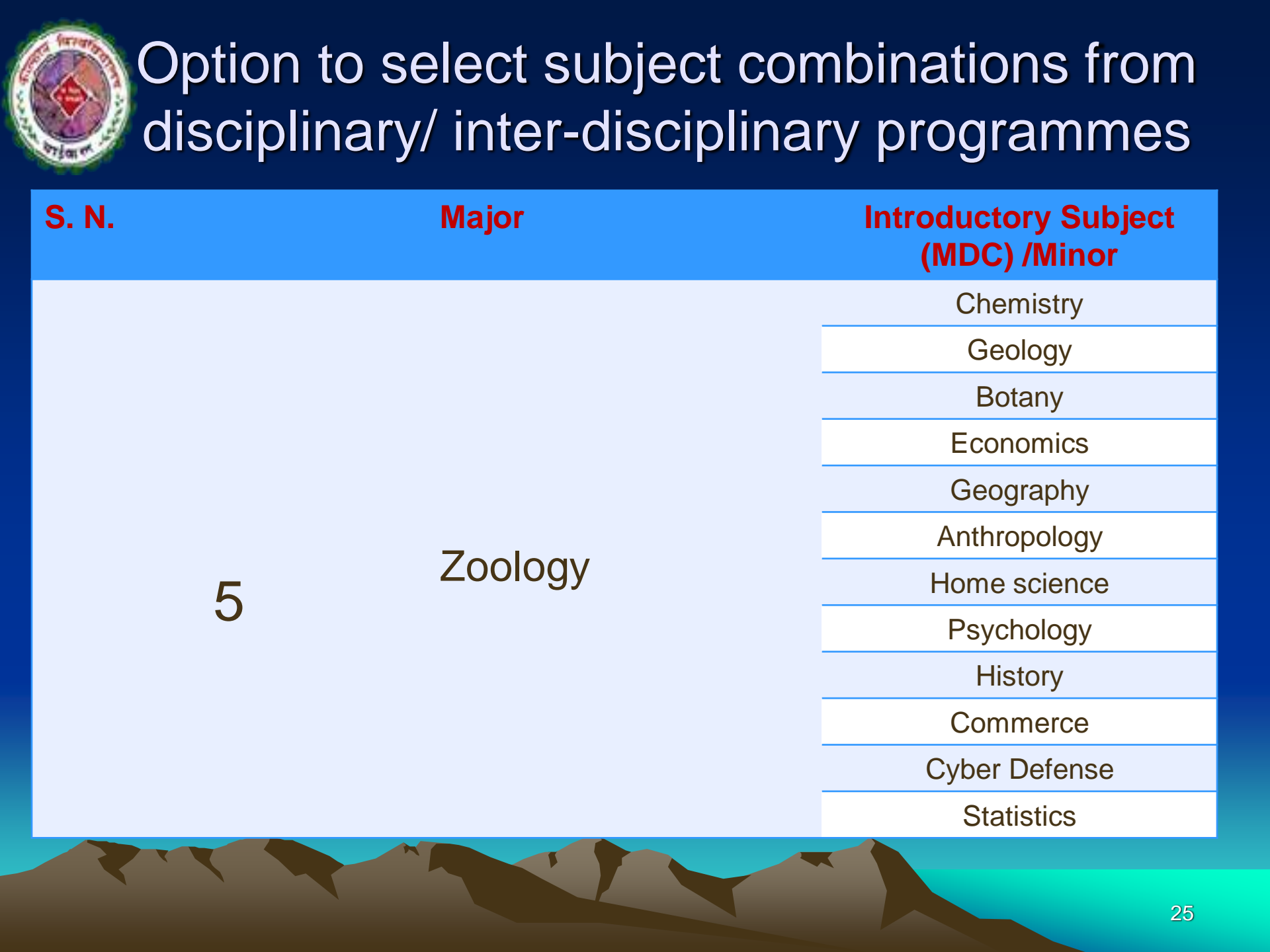
## NATURAL AND PHYSICAL SCIENCES

S. N.	Major	Introductory Subject (MDC) /Minor	
1	Botany	Chemistry	History
		Geology	Pol Sci.
		Zoology	Commerce
		Economics	Cyber Defense
		Geography	Philosophy
2	Chemistry	Botany	History
		Mathematics	Pol Sci.
		Physics	Commerce
		Geology	Cyber Defense
		Zoology	Philosophy
		Economics	Statistics





S. N.	Major	Introductory Subject (MDC) /Minor	
3	Physics	Chemistry	Philosophy
		Statistics	Commerce
		Mathematics	History
		Economics	Pol Sci
		Geography	Cyber Defense
4	Geology	Botany	Geography
		Chemistry	Philosophy
		Mathematics	Commerce
		Physics	History
		Zoology	Pol Sci
		Anthropology	Cyber Defense
		Economics	Statistics



# Option to select subject combinations from disciplinary/ inter-disciplinary programmes

S. N.	Major	Introductory Subject (MDC) /Minor
5	Zoology	Chemistry
		Geology
		Botany
		Economics
		Geography
		Anthropology
		Home science
		Psychology
		History
		Commerce
		Cyber Defense
		Statistics



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

# MATHEMATICS, STATISTICS AND COMPUTER APPLICATION

S. N.	Major	Introductory Subject (MDC) /Minor	
1	Mathematics	Chemistry	History
		Physics	Pol Sci
		Geology	Geography
		Statistics	Anthropology
		Economics	Home science
		Commerce	Psychology
		Cyber Defense	



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## MATHEMATICS, STATISTICS AND COMPUTER APPLICATION

S. N.	Major	Introductory Subject/Minor	
2	Statistics	Chemistry	History
		Physics	Pol Sci
		Geology	Geography
		Mathematics	Anthropology
		Economics	Home science
		Commerce	Psychology
		Cyber Defense	



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## MATHEMATICS, STATISTICS AND COMPUTER APPLICATION

S. N.	Major	Introductory Subject (MDC) /Minor	
3	Information Technology / Environmental & Water Management / Computer Application	Physics	History
		Chemistry	Economics
		Geology	Pol. Sc.
		Commerce	Geography
		Mathematics	Sociology
		Statistics	Cyber Defense





Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## LIBRARY, INFORMATION AND MEDIA SCIENCES

S. N.	Major	Introductory Subject (MDC) /Minor	
1	Cyber Defense	Chemistry	History
		Physics	Pol Sci
		Geology	Geography
		Mathematics	Anthropology
		Economics	Home science
		Commerce	Psychology
		Statistics	



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## LIBRARY, INFORMATION AND MEDIA SCIENCES

S. N.	Major	Introductory Subject (MDC) /Minor	
2	Mass Communication & Video Production	Physics	History
		Chemistry	Economics
		Geology	Pol. Sc.
		Commerce	Geography
		Mathematics	Sociology
		Statistics	Cyber Defense



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## COMMERCE AND MANAGEMENT

S. N.	Major	Introductory Subject (MDC) /Minor
1	Commerce	Mathematics
		Statistics
		Anthropology
		Economics
		Geography
		History
		Home science
		Political Science
		Psychology
		Sociology
		philosophy



Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## COMMERCE AND MANAGEMENT

S. N.	Major	Introductory Subject (MDC) /Minor	
2	Business Administration (B.B.A.)	Mathematics	Commerce
		Statistics	Pol. Science
		Anthropology	Psychology
		Economics	Sociology
		Geography	Cyber Defense
		History	
		Home Science	





Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## SOCIAL SCIENCES

S. N.	Major	Introductory Subject (MDC) /Minor	
1	Anthropology	Geology	Hindi
		Zoology	Ho
		Economics	Kurmali
		Geography	Sanskrit
		History	Santali
		Political science	Urdu
		Psychology	Odia
		Sociology	
		Philosophy	
		Bengali	
		English	



S. N.	Major	Introductory Subject (MDC) /Minor	
2	Economics	Mathematics	Statistics
		Anthropology	Geography
		History	Home Science
		Political science	Psychology
		Sociology	Philosophy
		Bengali	English
		Hindi	Ho
		Sanskrit	Kurmali
		Urdu	Santali
		Odia	Commerce



S. N.	Major	Introductory Subject (MDS) /Minor	
3	Geography	Geology	Statistics
		Anthropology	Economics
		History	Political Science
		Psychology	Sociology
		Philosophy	Bengali
		English	Hindi
		Urdu	Ho
		Sanskrit	Kurmali
		Santali	Odia
		Commerce	



S. N.	Major	Introductory Subject (MDC) /Minor	
4	History	Geology	Statistics
		Anthropology	Economics
		Geography	Political Science
		Psychology	Sociology
		Philosophy	Bengali
		English	Hindi
		Urdu	Ho
		Santali	Kurmali
		Sanskrit	Odia
		Commerce	





S. N.	Major	Introductory Subject (MDC) /Minor	
5	Home Science	Zoology	History
		Anthropology	Economics
		Geography	Political Science
		Psychology	Sociology
		Philosophy	Bengali
		English	Hindi
		Urdu	Ho
		Sanskrit	Kurmali
		Commerce	Odia
		Santali	



S. N.	Major	Introductory Subject (MDC) /Minor	
6	Political Science/ Public Administration	Anthropology	Economics
		Geography	History
		Home science	Psychology
		Sociology	Philosophy
		Bengali	English
		Hindi	Ho
		Sanskrit	Kurmali
		Urdu	Santali
		Commerce	Odia



S. N.	Major	Introductory Subject (MDC) /Minor	
7	Psychology	Zoology	Anthropology
		Economics	Geography
		History	Home science
		Political science	Sociology
		Philosophy	Bengali
		English	Hindi
		Ho	Sanskrit
		Kurmali	Urdu
		Santali	Odia
		Commerce	



S. N.	Major	Introductory Subject (MDC) /Minor	
8	Sociology	Anthropology	Economics
		Geography	History
		Home science	Political science
		Philosophy	Bengali
		English	Hindi
		Ho	Sanskrit
		Kurmali	Urdu
		Santali	Commerce
		Odia	



# Option to select subject combinations from disciplinary/ inter-disciplinary programmes

## HUMANITIES

S. N.	Major	Introductory Subject (MDC) /Minor	
1	Philosophy	Anthropology	Economics
		Geography	History
		Home science	Political science
		Psychology	Sociology
		Commerce	Bengali
		English	Hindi
		Ho	Urdu
		Kurmali	Sanskrit
		Santali	Odia





S. N.	Major	Introductory Subject (MDC) /Minor	
2	Bengali	Statistics	Hindi
		English	Sanskrit
		Urdu	Santali
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy
		Ho	Kurmali
		Odia	



S. N.	Major	Introductory Subject (MDC) /Minor	
3	English	Statistics	Hindi
		Bengali	Sanskrit
		Urdu	Santali
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy
		Ho	Odia
		Kurmali	



S. N.	Major	Introductory Subject (MDC) /Minor	
4	Hindi	Statistics	English
		Bengali	Sanskrit
		Urdu	Santali
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy
		Odia	Ho
		Kurmali	



S. N.	Major	Introductory Subject (MDC) /Minor	
5	Ho	Statistics	English
		Hindi	Bengali
		Sanskrit	Urdu / Odia
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy



S. N.	Major	Introductory Subject (MDC) /Minor	
6	Kurmali	Statistics	Bengali
		English	Hindi
		Sanskrit	Urdu / Odia
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy





S. N.	Major	Introductory Subject (MDC) /Minor	
7	Sanskrit	Statistics	Anthropology
		Economics	Geography
		History	Home science
		Political Science	Psychology
		Sociology	Commerce
		Philosophy	



S. N.	Major	Introductory Subject (MDC) /Minor	
8	Santali	Statistics	Bengali
		Hindi	English
		Sanskrit	Urdu / Odia
		Anthropology	Economics
		Geography	History
		Home Science	Political Science
		Psychology	Sociology
		Commerce	Philosophy



S. N.	Major	Introductory Subject (MDC) /Minor	
9	Urdu	Statistics	Bengali
		Hindi	English
		Sanskrit	Economics
		Anthropology	History
		Geography	Political Science
		Home Science	Sociology
		Psychology	Philosophy
		Commerce	



S. N.	Major	Introductory Subject/Minor	
10	Odia	Statistics	Bengali
		Hindi	English
		Sanskrit	Economics
		Anthropology	History
		Geography	Political Science
		Home Science	Sociology
		Psychology	Philosophy
		Commerce	



# EXAMINATION REGULATION FOR FYUGP

- i. Semester Internal Theory Examination in Major, Minor and Research Courses will be organized at College/ Institution level. However, Only One End semester evaluation in other courses will be done either at College/ Institution or University level depending upon the nature of course in the curriculum.
- ii. For the units of evaluation (namely tests, seminars, presentations, class performance, field work, thesis and others) the weightage assigned to each of such units in respect of each course shall be determined by the appropriate academic body of the university, and shall be made known to the students at the beginning of the academic session of the year, the semester as the case may be.
- iii. The question papers for the examinations shall be set in such a manner as to ensure that they cover the entire syllabus of the concerned course.
- iv. The tests and examinations shall aim at evaluating not only the student's ability to recall information, which he/she had memorized, but also his/her understanding of the subject and ability to synthesize scattered bits of information into a meaningful whole. Some of the questions shall be analytical and invite original thinking or application of theory.
- v. Semester Internal Theory Examination (each of 1 hour) in Courses will be organized at College/Institution level.
- vi. There shall be only one Practical Examination (each of 3 hours) in each semester for each paper separately.
- vii. Practical Examinations will be conducted by One External & One Internal Examiners.



# MARKS DISTRIBUTION FOR FYUGP

## (25 Marks for EACH CREDIT)

There will be **Only One Semester Internal Examination** in Major, Minor and Research Courses, which will be organized at college/institution level.

- i. Out of 100 Marks in Semester Internal Theory Examination (each of 1 hour) for Practical subjects will be of 15 marks and non-Practical subjects will be of 25 marks.
- ii. 15 Marks in Theory Examination may include 10 Marks questions from Written Examination/ Assignment/ Project/ Tutorial wherever applicable whereas 5 marks will be awarded on the attendance/ overall class performance in the semester.
- iii. 25 Marks in Theory Examination may include 20 Marks questions from Written Examination/ Assignment/ Project/ Tutorial wherever applicable whereas 5 marks will be awarded on the attendance/ overall class performance in the semester.
- iv. To convert attendance into marks a suggestive range is provided here. However, institutions may develop its own range: *[Attendance Upto 45%, 1 mark; 45 < Attd. < 55, 2 marks; 55 < Attd. < 65, 3 marks; 65 < Attd. < 75, 4 marks; 75 < Attd, 5 marks]*.





Subjects	Credit	Full Marks	Semester Internal Exam	End Semester Univ. Exam
Ability Enhancement Courses	2	50	No Internal Exam	50
Value Added Course	2 / 4	50 /100	No Internal Exam	50 / 100
Skill Enhancement Courses	3	75	No Internal Exam	75
Multi-disciplinary Courses	3	75	No Internal Exam	75
Minor Courses: Non-Practical Subjects:- Practical Subjects :-	4	100 T: 75 + P: 25	25 (Theory) 15 (Theory)	75 (Theory) 60 (Th.) + 25 (P)
Major Courses: Non-Practical Subjects:- Practical Subjects :-	4	100 T: 75 + P: 25	25 (Theory) 15 (Theory)	75 (Theory) 60 (Th.) + 25 (P)

3. Marks distribution will be as shown in Table No.- 11

**Table No. 10: Marks distribution pattern [25 Marks for each credit]**

Subjects	Credits	FM		Semester Internal Examination	End Semester University Examination	
Ability Enhancement Courses	2	50		---	50	
Value Added Courses	2	50		---	50	
Skill Enhancement Courses	3	75		---	75	
Multidisciplinary Courses	3	75		---	75	
Minor Courses	4	100		25	75	
Advanced Major	4	100		25	75	
Research Courses i. Research Methodology (F.M.=100) ii. Synopsis, Thesis & others (F.M.=200)	12	100 + 200		25 + ---	75 + 200	
Vocational Courses including Internship	4	100		---	100/ (Grade point awarded by the concerned organisation)	
Non- Practical Subjects (MJ/MN)	4	100		25	75	
Practical Subjects (MJ/MN)	4	<b>T</b>	<b>P</b>	<b>T</b>	<b>T</b>	<b>P</b>
		75	25	15	60	25

# FULL MARKS AND PASS MARKS

Subjects	FM	PM
MIL Hindi	50	20
Other Language	50	20
Non- Practical Subjects	100	40
Non- Practical Subjects	75	30
Non- Practical Subjects	50	20
Practical Subjects: Theory Paper	75	30
Practical Subjects: Practical Paper	25	10
Practical Subjects: Practical Paper	50	20
Practical Subjects: Practical Paper	75	30
Practical Subjects: Practical Paper	100	40



# ELIGIBILITY FOR APPEARING END SEMESTER EXAM

- i. Irrespective of performance in the semester internal examinations, a student will be eligible to appear in the End Semester Examinations (ESE).
- ii. If a student failed to secure pass marks in aggregate of Semester Internal & End Semester, He/she will be required to reappear in End Semester Examination of following Sessions within period of Upper Limit of Six Years in Three Year Programme or Upper Limit of Seven Years in Four Year Degree Programme.
- iii. The validity of credits earned/kept in the Academic Credit Account, will be 7 years. After 7 years, re-entry into a programme will be based on the validation of prior learning outcomes.





# GUIDELINES FOR QUESTION SETTER

- i. Question Paper shall show Full Marks (FM), Pass Marks (PM) & Maximum Time allowed (in Hrs.) at the top of the Question Paper.
- ii. In order to avoid wrote memory and to evaluate in-depth study, knowledge, understanding and application domain of student the pattern of questions as given below must be set.
- iii. There will be two categories of Questions Namely **Group A & Group B**. Group A will be of very short answer type (consisting objective type excluding multiple choice questions) of 1 mark & short answer type of 5 marks and questions in this group will be all compulsory. Group B will contain long answer type questions.

iv. **For Semester Internal Examination (SIE 10 marks, 1Hr Exam):**

There will be **two** group of questions. **Question No.1** will be very short answer type in **Group A** consisting of five questions of 1 mark each. **Group B** will contain descriptive type two questions of five marks each, out of which any one to answer.

v. **For Semester Internal Examination (SIE 20 marks, 1Hr Exam):**

There will be **two** group of questions. **Group A** is **compulsory** which will contain two questions. **Question No.1** will be very short answer type consisting of five questions of 1 mark each. **Question No.2** will be short answer type of 5 marks. **Group B** will contain descriptive type two questions of ten marks each, out of which any one to answer.

# FORMAT OF SAMPLE QUESTION PAPER FOR SEM. INTERNAL EXAM

## FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATIONS

### Question format for 10 Marks:

F.M. =10	Subject/ Code Time=1Hr.	Exam Year
<b>General Instructions:</b>		
i. <b>Group A</b> carries very short answer type compulsory questions. ii. <b>Answer 1 out of 2</b> subjective/ descriptive questions given in <b>Group B</b> . iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<b><u>Group A</u></b>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
<b><u>Group B</u></b>		
2.	.....	[5]
3.	.....	[5]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		



# FORMAT OF SAMPLE QUESTION PAPER FOR SEM. INTERNAL EXAM

## Question format for 20 Marks:

<b>Subject/ Code</b>		<b>Exam Year</b>
<b>F.M. =20</b>	<b>Time=1Hr.</b>	
<b>General Instructions:</b>		
i. <b>Group A</b> carries very short answer type compulsory questions. ii. <b>Answer 1 out of 2</b> subjective/ descriptive questions given in <b>Group B</b> . iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<b><u>Group A</u></b>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
2.	.....	[5]
<b><u>Group B</u></b>		
3.	.....	[10]
4.	.....	[10]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

Note: These formats may be modified or designed uniformly for a common type of courses.



# FOR SEMESTER END EXAM

vi. **For End Semester Examination (ESE 50 marks, 2Hrs Exam):**

There will be two group of questions. **Question No.1 will be very short answer type compulsory question in Group A** consisting of five questions of 1 mark each. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

vii. **For End Semester Examination (ESE 60 marks, 3Hrs Exam):**

There will be two group of questions. **Group A is compulsory** which will contain three questions. **Question No.1 will be very short answer type** consisting of five questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

viii. **For End Semester Examination (ESE 75 marks, 3Hrs Exam):**

There will be two group of questions. **Group A is compulsory** which will contain three questions. **Question No.1 will be very short answer type** consisting of five questions of 1 mark each. **Question No. 2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of fifteen marks each, out of which any four are to answer.

ix. **For End Semester Examination (ESE 100 marks, 3Hrs Exam):**

There will be two group of questions. **Group A is compulsory** which will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No. 2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of twenty marks each, out of which any four are to answer.

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

# FORMAT OF SAMPLE QUESTION PAPER FOR END SEM. EXAM

Question format for 50 Marks:

F.M. =50		Subject/ Code Time=2Hrs.	Exam Year
<b>General Instructions:</b>			
i. <b>Group A</b> carries very short answer type <b>compulsory</b> questions. ii. <b>Answer 3 out of 5</b> subjective/ descriptive questions given in <b>Group B</b> . iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.			
<b><u>Group A</u></b>			
1.			[5x1=5]
	i. ....		
	ii. ....		
	iii. ....		
	iv. ....		
	v. ....		
<b><u>Group B</u></b>			
2.	.....		[15]
3.	.....		[15]
4.	.....		[15]
5.	.....		[15]
6.	.....		[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.			

# FORMAT OF SAMPLE QUESTION PAPER FOR END SEM. EXAM

Question format for 60 Marks:

Subject/ Code		Exam Year
F.M. =60	Time=3Hrs.	
<b>General Instructions:</b>		
i. <b>Group A</b> carries very short answer type <b>compulsory</b> questions. ii. <b>Answer 3 out of 5</b> subjective/ descriptive questions given in <b>Group B</b> . iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<b><u>Group A</u></b>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
2.	.....	[5]
3.	.....	[5]
<b><u>Group B</u></b>		
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
7.	.....	[15]
8.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

Question format for 75 Marks:

**F.M. = 75**

**Subject/ Code**

**Time=3Hrs.**

**Exam Year**

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.
- iii. Answer in your own words as far as practicable.
- iv. Answer all sub parts of a question at one place.
- v. Numbers in right indicate full marks of the question.

**Group A**

- |      |       |         |
|------|-------|---------|
| 1.   |       | [5x1=5] |
| i.   | ..... |         |
| ii.  | ..... |         |
| iii. | ..... |         |
| iv.  | ..... |         |
| v.   | ..... |         |
| 2.   | ..... | [5]     |
| 3.   | ..... | [5]     |

**Group B**

- |    |       |      |
|----|-------|------|
| 4. | ..... | [15] |
| 5. | ..... | [15] |
| 6. | ..... | [15] |
| 7. | ..... | [15] |
| 8. | ..... | [15] |
| 9. | ..... | [15] |

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



Question format for 100 Marks:

F.M. = 100	Subject/ Code Time=3Hrs.	Exam Year
------------	-----------------------------	-----------

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.
- iii. Answer in your own words as far as practicable.
- iv. Answer all sub parts of a question at one place.
- v. Numbers in right indicate full marks of the question.

**Group A**

1. [10x1=10]

- |           |            |
|-----------|------------|
| i. ....   | vi. ....   |
| ii. ....  | vii. ....  |
| iii. .... | viii. .... |
| iv. ....  | ix. ....   |
| v. ....   | x. ....    |

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.



# 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 & VII).
- iii. To get promotion from Semester-II to Semester-III a student will be required to pass in at least 75% of Courses in an academic year, a student has to pass in minimum 9 papers out of the total 12 papers.
- 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 18 papers out of the total 24 papers.
- v. To get promotion from Semester-VI to Semester-VII (taken all together of Semester I, II, III, IV, V & VI) a student has to pass in minimum 26 papers out of the total 34 papers.
- vi. However, it will be necessary to procure pass marks in each of the paper before completion of the course.





# 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.
- 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. Provision of Grace marks will be applicable to students in the parent institute only.
- v. A student will have to clear all his papers within Seven Years of duration to qualify for the degree.
- vi. On completion of UG course of 160 credit, a student will get a comprehensive result with marks sheet on hybrid system i.e. on Grade system, percentage system.
- vii. The minimum and maximum number of credits may increase provided a candidate opts for Add-on courses. A separate certificate in such cases may be issued.
- viii. 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/ Controller of Examinationss of the concerned university after a candidate has successfully completed all the courses of the said programme.



*THANK YOU.*