

**“Implementation of Four Year Under Graduate Programme  
(FYUGP) in State Universities of Jharkhand Regulations, 2024”**

*As per provisions of NEP-2020*

**To be implemented**

**from**

*Academic Year 2025-26*

**Vinoba Bhave University Hazaribagh**

**Subject Mapping**



## Distribution of Credits among various Courses up to 4<sup>th</sup> Year

Ser. No.	Course	No. of Credits
1	Major	80
2	Research Course (RC)/ Advanced Major (AMJ)/ Skill Based Job Oriented Course (JOC)	12
3	Associated Core (AC)	08
4	Elective/Minor	24
5	Ability Enhancement Courses (AEC)	08
6	Multidisciplinary Courses (MDC)	09
7	Skill Enhancement Courses (SEC)	09
8	Value Added Courses (VAC)	06
9	Indian Knowledge System (IKS) & Awareness Module (AM)	04
10	Internship/Apprenticeship/Project (IAP)	04
Total No. of Credits		160+4 164

### 1. Major Courses:

A student may choose any subject as Major subject from a pool of 25 subjects as per his/her choice in which he/she desires to get in-depth knowledge. These courses share nearly half of the total credits.

Natural & Physical Sciences	Mathematics, Statistics & Computer applications	Commerce & Management	Humanities & Social Sciences
1. Chemistry 2. Physics 3. Botany 4. Zoology 5. Geology	1. Mathematics 2. Statistics	1. Accounts & Finance	1. Hindi 2. English 3. Sanskrit 4. Urdu 5. Philosophy 6. Khortha 7. Kurmali 8. Santali 9. Anthropology 10. Economics 11. Geography 12. History 13. Home Science

			<b>14. LSW</b> <b>15. Political science</b> <b>16. Psychology</b> <b>17. Sociology</b>
--	--	--	---

**Distribution of Credits of Major Courses in various semesters**  
**Non-Practical Subjects**

Sem.	Code	Paper	Credits
I	MJ-1	Major paper 1	4
II	MJ-2	Major paper 2	4
III	MJ-3	Major paper 3	4
	MJ-4	Major paper 4	4
IV	MJ-5	Major paper 5 (having IKS component)	4
	MJ-6	Major paper 6	4
	MJ-7	Major paper 7	4
V	MJ-8	Major paper 8	4
	MJ-9	Major paper 9	4
	MJ-10	Major paper 10	4
	MJ-11	Major paper 11	4
VI	MJ-12	Major paper 12	4
	MJ-13	Major paper 13	4
	MJ-14	Major paper 14	4
	MJ-15	Major paper 15	4
VII	MJ-16	<b>Major 16 (Research methodology)</b>	4
	MJ-17	Major paper 17	4
	MJ-18	Major paper 18	4
VIII	MJ-19	Major paper 19	4
	MJ-20	Major paper 20	4

**Marking pattern for Major/ Research Methodology**

End Semester Examination: 75 Marks

Internal Examination : 20 Marks (Written) + 5 Marks (Day-to-day assessment)

**Distribution of Credits of Major Courses in various semesters**  
**Practical Subjects**

Sem.	Code	Paper	Credits		
			Theory	Practical	Total
I	MJ-1	Major paper 1	3	1	4
II	MJ-2	Major paper 2	3	1	4
III	MJ-3	Major paper 3	3	1	4
	MJ-4	Major paper 4	3	1	4
IV	MJ-5	<b>Major paper 5 (having IKS component)</b>	3	1	4
	MJ-6	Major paper 6	3	1	4
	MJ-7	Major paper 7	3	1	4
V	MJ-8	Major paper 8	3	1	4
	MJ-9	Major paper 9	3	1	4
	MJ-10	Major paper 10	3	1	4
	MJ-11	Major paper 11	3	1	4
VI	MJ-12	Major paper 12	3	1	4
	MJ-13	Major paper 13	3	1	4
	MJ-14	Major paper 14	3	1	4
	MJ-15	Major paper 15	3	1	4
VII	MJ-16	<b>Major 16 (Research methodology)</b>	4	0	4
	MJ-17	Major paper 17	3	1	4
	MJ-18	Major paper 18	3	1	4
VIII	MJ-19	Major paper 19	3	1	4
	MJ-20	Major paper 20	3	1	<b>4(Total 80 credits)</b>

**Marking pattern for Major**

**Theory** : End Semester Examination: 60 Marks

: Internal Examination : 10 (Written)+ 5(Day-to-day assessment)

**Practical:** End Semester Examination: 25 Marks

: Internal Examination : 0

**Marking pattern for Research Methodology**

End Semester Examination : 75 Marks

Internal Examination : 20 (Written)+ 5(Day-to-day assessment)

**2. Advanced Major**

**Credit distribution of Advanced Major Courses for Bachelor's Degree (Honours)**

Sem.	Code	Credits	Paper
VII	AMJ-1	4	Advanced Major paper 1
VIII	AMJ-2	4	Advanced Major paper 2
	AMJ-3	4	Advanced Major paper 3

### Marking pattern for Advanced Major

End Semester Examination : 75 Marks

Internal Examination : 20 (Written)+ 5(Day-to-day assessment)

### 3. Research Course

#### Credit distribution of Research Courses for Bachelor's Degree (Hons. with Research)

Sem.	Code	Credits	Paper
VII	RC-1	4	Research Proposal-Planning & Techniques
VIII	RC-2	8	Research Internship/Field work/Project/ Dissertation/Thesis

#### Marking pattern for RC-1:

End Semester Examination : 50 Marks

Term Paper : 25 Marks

Internal Examination : 20 Marks (Written) +5 Marks (Day-to-day assessment)

#### Marking pattern for RC-2:

Assessment of Project Synopsis : 50 Marks

Assessment of Project Thesis : 100 Marks

Viva-Voce : 50 Marks

*The Colleges/ Departments offering a 4-year UG Degree (Honours with Research) must have the required infrastructure such as library access to journals, computer labs and software, laboratories facilities to carry out experimental work and at least two permanent faculty members recognised as Ph.D. supervisors.*

The option to pursue a Bachelor's Degree (Honours with Research) shall be available with a limited number of seats, not exceeding 10% of the total intake in each subject, as determined by the respective College/Department and approved by the University.

### 4. Associated Core and Minor Courses

There will be two different associated core courses of 4 credits each which are designed to support the core course chosen as Major subject.

In semester I, students will have to choose an Associated Core Course of 4 credits from regular subjects **(Subject 1)**.

In semester II, students will have to choose another Associated Core Course of 4 credits from regular subjects/vocational subjects **(Subject 2)**.

The credit earned for an Associated Core may be considered for the credit requirement for a Minor /Elective Course.

**Credit distribution of Associated Core (For Science and Arts Streams)**

<b>Semester</b>	<b>Subject 1</b> (From regular subjects)	<b>Subject 2</b> (From regular/Vocational subjects)
I	4	-
II	-	4

**Credit distribution of Associated Core (For Commerce Stream)**

<b>Semester</b>	<b>Subject 1</b> (From regular subjects)	<b>Subject 2</b> (From Vocational subjects)
I	4(Business Organization and Management)	-
II	-	4 (Any Vocational Course)

The minor courses are to be perused from third to eight semesters. Any subject will be treated as Minor/Elective Course only when minimum 12 credits are earned in that subject.

The Associated Core Course (Subject 1) chosen in Semester I will be continued as Elective Course/Minor in Semesters III, V and VII.

The Associated Core Course (Subject 2) chosen in Semester II will be continued as Elective Course/Minor in Semesters IV, VI and VIII.

**Distribution of Credits of Elective Courses in various semesters  
(For Science and Arts Stream)**

<b>Semester</b>	<b>Code</b>	<b>Subject 1</b> (From regular subjects)	<b>Subject 2</b> (From regular or Vocational subjects)
III	ELC-1	4	-
IV	ELC-2	-	4
V	ELC-3	4	-
VI	ELC-4	-	4
VII	ELC-5	4	-
VIII	ELC-6	-	4

**Distribution of Credits of Elective Courses in various semesters  
(For Commerce Stream)**

Semester	Code	Subject 1 (From regular subjects)	Subject 2 (From vocational subjects)
III	ELC-1	4 (GST)	-
IV	ELC-2	-	4
V	ELC-3	4 (E-Business)	-
VI	ELC-4	-	4
VII	ELC-5	4 (Digital Marketing)	-
VIII	ELC-6	-	4

**Selection of Associated Core and Minor/Elective Courses from Regular subjects:**

The selection of **Associated Core** and **Minor/Elective Courses** shall be made in accordance with following the subject mapping and the availability of subjects offered by the College:

**1. Natural and Physical Sciences**

Ser.No.	Major	Associated Core/Elective (Minor)	
1	Chemistry	i. Physics ii. Mathematics iii. Geology iv. Botany v. Zoology vi. Statistics	vii. Economics viii. Geography ix. Anthropology x. Psychology xi. Any vocational course xii. Music
2	Physics	i. Mathematics ii. Chemistry iii. Geology iv. Statistics v. Economics vi. Geography	vii. Psychology viii. Anthropology ix. Any vocational course x. Music
3	Botany	i. Chemistry ii. Zoology iii. Geology iv. Economics v. Geography	vi. Psychology vii. Anthropology viii. Any vocational course ix. Music
4	Zoology	i. Chemistry ii. Botany iii. Geology iv. Economics v. Geography	vi. Psychology vii. Anthropology viii. Any vocational course ix. Music
5	Geology	i. Chemistry ii. Botany iii. Zoology iv. Mathematics	viii. Psychology ix. Anthropology x. Any vocational course xi. Music

		v. Physics vi. Geography vii. Statistics	
--	--	--	--

## 2. Mathematics, Statistics and Computer application:

Ser. No.	Major	Associated Core/Elective (Minor)	
1	Mathematics	i. Physics ii. Chemistry iii. Geology iv. Statistics v. Any subject from arts stream vi. Music vii. Any vocational course	
2.	Statistics	i. Physics ii. Chemistry iii. Geology iv. Mathematics	v. Any subject from arts stream vi. Any vocational course vii. Music

## 3. Humanities & Social Sciences

### [A] Humanities

Ser. No.	Major	Associated Core/Elective (Minor)	
1	Hindi	i. English ii. Sanskrit iii. Urdu iv. Philosophy v. Khortha vi. Kudmali vii. Santali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
2	English	i. Hindi ii. Sanskrit iii. Urdu iv. Philosophy v. Khortha vi. Kudmali vii. Santali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music

3	Sanskrit	i. Hindi ii. English iii. Urdu iv. Philosophy v. Khortha vi. Kudmali vii. Santali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
---	----------	--	--

Ser. No.	Major	Associated Core/Elective (Minor)	
4	Urdu	i. Hindi ii. English iii. Sanskrit iv. Persian v. Philosophy vi. Khortha vii. Kudmali viii. Santali ix. Anthropology x. Economics	xi. Geography xii. History xiii. Home Science xiv. LSW xv. Political science xvi. Psychology xvii. Sociology xviii. Mathematics xix. Statistics xx. Any vocational course xxi. Music
5	Kurmali	i. English ii. Hindi iii. Sanskrit iv. Urdu v. Philosophy vi. Khortha vii. Santali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
6	Santali	i. English ii. Hindi iii. Sanskrit iv. Urdu v. Philosophy vi. Khortha vii. Kudmali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music xxi.

7	Khortha	i. English ii. Hindi iii. Sanskrit iv. Urdu v. Philosophy vi. Kudmali vii. Santali viii. Anthropology ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
---	---------	---	--

### [B] Social Sciences

Ser. No.	Major	Associated Core/Elective (Minor)	
1	Anthropology	i. Hindi ii. English iii. Sanskrit iv. Urdu v. Khortha vi. Kudmali vii. Santali viii. Philosophy ix. Economics x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Zoology xviii. Mathematics xix. Statistics xx. Any vocational course xxi. Music
2	Economics	i. Hindi ii. English iii. Sanskrit iv. Urdu v. Khortha vi. Kudmali vii. Santali viii. Philosophy ix. Anthropology x. Geography	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
3	Geography	i. Hindi ii. English iii. Sanskrit iv. Urdu v. Khortha vi. Kudmali vii. Santali	xi. History xii. Home Science xiii. LSW xiv. Political science xv. Psychology xvi. Sociology xvii. Mathematics

		<ul style="list-style-type: none"> <li>viii. Philosophy</li> <li>ix. Anthropology</li> <li>x. Economics</li> </ul>	<ul style="list-style-type: none"> <li>xviii. Statistics</li> <li>xix. Any vocational course</li> <li>xx. Music</li> <li>xxi. Physics</li> <li>xxii. Botany</li> <li>xxiii. Zoology</li> <li>xxiv. Geology</li> </ul>
4	History	<ul style="list-style-type: none"> <li>i. Hindi</li> <li>ii. English</li> <li>iii. Sanskrit</li> <li>iv. Urdu</li> <li>v. Khortha</li> <li>vi. Kudmali</li> <li>vii. Santali</li> <li>viii. Philosophy</li> <li>ix. Anthropology</li> <li>x. Economics</li> </ul>	<ul style="list-style-type: none"> <li>xi. Geography</li> <li>xii. Home Science</li> <li>xiii. LSW</li> <li>xiv. Political science</li> <li>xv. Psychology</li> <li>xvi. Sociology</li> <li>xvii. Mathematics</li> <li>xviii. Statistics</li> <li>xix. Any vocational course</li> <li>xx. Music</li> </ul>
5	Home Science	<ul style="list-style-type: none"> <li>i. Hindi</li> <li>ii. English</li> <li>iii. Sanskrit</li> <li>iv. Urdu</li> <li>v. Khortha</li> <li>vi. Kudmali</li> <li>vii. Santali</li> <li>viii. Philosophy</li> <li>ix. Anthropology</li> <li>x. Economics</li> </ul>	<ul style="list-style-type: none"> <li>xi. History</li> <li>xii. Geography</li> <li>xiii. LSW</li> <li>xiv. Political science</li> <li>xv. Psychology</li> <li>xvi. Sociology</li> <li>xvii. Chemistry</li> <li>xviii. Mathematics</li> <li>xix. Statistics</li> <li>xx. Any vocational course</li> <li>xxi. Music</li> </ul>
6	Labour and Social Welfare	<ul style="list-style-type: none"> <li>i. Hindi</li> <li>ii. English</li> <li>iii. Sanskrit</li> <li>iv. Urdu</li> <li>v. Khortha</li> <li>vi. Kudmali</li> <li>vii. Santali</li> <li>viii. Philosophy</li> <li>ix. Anthropology</li> <li>x. Geography</li> </ul>	<ul style="list-style-type: none"> <li>xi. Economics</li> <li>xii. History</li> <li>xiii. Home Science</li> <li>xiv. Political science</li> <li>xv. Psychology</li> <li>xvi. Sociology</li> <li>xvii. Mathematics</li> <li>xviii. Statistics</li> <li>xix. Any vocational course</li> <li>xx. Music</li> </ul>
7	Political Science	<ul style="list-style-type: none"> <li>i. Hindi</li> <li>ii. English</li> <li>iii. Sanskrit</li> <li>iv. Urdu</li> <li>v. Khortha</li> </ul>	<ul style="list-style-type: none"> <li>xi. History</li> <li>xii. Geography</li> <li>xiii. Home science</li> <li>xiv. LSW</li> <li>xv. Psychology</li> </ul>

		vi. Kudmali vii. Santali viii. Philosophy ix. Anthropology x. Economics	xvi. Sociology xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music
8	Psychology	i. Hindi ii. English iii. Sanskrit iv. Urdu v. Khortha vi. Kudmali vii. Santali viii. Philosophy ix. Anthropology x. Economics	xi. Geography xii. History xiii. Home Science xiv. Political science xv. LSW xvi. Sociology xvii. Zoology xviii. Mathematics xix. Statistics xx. Any vocational course xxi. Music
9	Sociology	i. Hindi ii. English iii. Sanskrit iv. Urdu v. Khortha vi. Kudmali vii. Santali viii. Philosophy ix. Anthropology x. Economics	xi. History xii. Geography xiii. Home science xiv. LSW xv. Psychology xvi. Political Science xvii. Mathematics xviii. Statistics xix. Any vocational course xx. Music

#### 4. List of Vocational Courses

Ser. No.	Minor Vocational Courses
1.	Tourism and Hospitality Management
2.	Organic Farming
3.	Dress Design and Making
4.	Beauty and Fashion Management
5.	Managing Stress and Conflict
6.	Banking and Insurance
7.	Digital Marketing
8.	Cyber Defense
9.	Office Management and Secretarial Practice

## 5. Common Courses

All the FYUGP students have to complete a set of five common courses of total 36 credits.

1	Multidisciplinary Courses (MDC)	: 9 Credits
2	Ability Enhancement Courses (AEC)	: 8 Credits
3	Skill Enhancement Courses (SEC)	: 9 Credits
4	Value Added Courses (VAC)	: 6 Credits
5	Indian Knowledge System (IKS) & Awareness Module (AM)	: 4 Credits

### 5.1 Multidisciplinary Courses (MDC) : 9 Credits

#### Distribution of Credits of Multidisciplinary Courses in various semesters

Semester	No. of credits	Remarks
I	3	Any three, one in each semester, to be opted from a basket of courses as offered by the College.
II	3	
III	3	

#### Basket of MDCs of 3 credits each

Ser. No.	Name of Course
1.	Human Rights
2.	International Relations
3.	Sustainable Development
4.	Understanding Self and Society
5.	Public Health: Sanitation and Hygiene
6.	Science of Tribal Culture
7.	Media Studies
8.	Language and Personality Development
9.	Diversity and Inclusion
10.	Art, Culture and Heritage of Jharkhand
11.	Yog for Wellness
12.	Marketing Skills for Success

### 5.2 Ability Enhancement Courses (AEC): 8 Credits

#### Distribution of Credits of Ability Enhancement Courses in various semesters

Sem.	Credits	Subject
I	2	English :For Science and Commerce Streams Hindi :For Arts Stream
II	2	Hindi :For Science and Commerce Streams English:For Arts Stream

III	2	Two papers of 2 credits each of the same language subject – English, Hindi, Urdu, Khortha, Santali or Kudmali
IV	2	

### 5.3 Skill Enhancement Courses (SEC) : 9 Credits

#### Distribution of Credits of Skill Enhancement Courses in various semesters

Semester	No. of Credits	Remarks
I	3	Fundamentals of Information and Communication Technology (Compulsory course for students of all streams)
II	3	Any two, one in each semester, to be selected from the basket of courses as offered by the College
III	3	

#### Basket of SECs of 3 credits each

1	Fundamentals of Information and Communication Technology	17	Guidance and Counselling
2	Entrepreneurship	18	Content Writing for Digital Platforms
3	Cyber Defense	19	Food Processing & Marketing
4	Life Skills	20	Personality Development
5	Digital Education	21	Agribusiness Management
6	Mushroom Cultivation	22	Tally
7	Food Science and Technology	23	Graphic and Animation
8	Biofertilizers and Organic Farming	24	Video Editing & Mixing
9	Digital Marketing	25	Applications of AI Tools
10	Statistical Data Analysis	26	Website Interface Development
11	Land Survey Skill (Amini)	27	Desktop Publishing
12	Online Teaching - Learning	28	Introduction to Fine Arts
13	Disaster Management	29	Performing Arts: Dance
14	Fundamentals of Remote Sensing & GIS	30	Performing Arts: Theatre
15	Financial Literacy	31	Performing Arts: Light Vocal
16	Stock Market Operations	32	Performing Arts: Hindustani Classical (Vocal)
		33	Vastushastra

### 5.4 Value Added Courses (VAC): 6 Credits

#### Distribution of Credits of Value-Added Courses in various semesters

Semester	No. of Credits	Course
I	2	Any two of the following, one in each semester I & II, to be opted: i. Understanding Bharat ii. Citizenship Education iii. Yog for Holistic Development iv. Sports and Fitness v. Health and Wellness vi. Human Values and Ethics vii. Inclusive Traditions in Ancient Indian Culture
II	2	
IV	2	Environmental Studies

### 5.5 Indian Knowledge System (IKS) & Awareness Module (AM) : 4 Credits

#### Distribution of Credits of IKS & Awareness Module in various semesters

Semester	Credits	Course
I	2	Indian Knowledge System
II	2	Awareness Module