

**CBCS CURRICULUM OF
NATIONAL CADET CORE
[NCC]**

AS A GENERIC COURSE FOR HONOURS PROGRAMME

FOR UNDER GRADUATE COURSES UNDER RANCHI UNIVERSITY



Implemented from
Academic Session 2021-2024



**Members of Board of Studies of CBCS Under- Graduate Syllabus as per
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COURSE STRUCTURE FOR UNDERGRADUATE '**HONOURS**' PROGRAMME**Table AI-1: Distribution of 164 Credits** [*wherever there is a Practical there will be no tutorial and vice –versa.]

Course	Papers	Credits	
		Theory + Practical	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
III. Ability Enhancement Compulsory Courses (AECC)			
1. English/ Hindi Communication	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 + 24 =164			140 + 24 = 164

Note:

In the Academic Council Meeting of Ranchi University, Ranchi, held on 29.06.2019, it is resolved that Students will be offered **Two Generic Elective Subjects** (GE-A & GE-B) in C.B.C.S. U.G. Honours Courses of all streams, so that their 'Eligibility for Admission' in P.G., Vocational & Technical Courses in various Institutions is not hampered.

Table AI-1.1: Course structure for B.Sc./ B.A./ B.Com./B.Voc. (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-1A, GE-1B (6+6=12 Credits)	English Comm./ Hindi Comm. (02 Credits)	26 Credits
Sem-II	C-3, C-4 (6+6=12 Credits)	GE-2A, GE-2B (06 Credits)	EVS (02 Credits)	26 Credits
Sem-III	C-5, C-6, C-7 (6+6+6=18 Credits)	GE-3A, GE-3B (06 Credits)	SEC-1 (02 Credits)	32 Credits
Sem-IV	C-8, C-9, C-10 (6+6+6=18 Credits)	GE-4A, GE-4B (06 Credits)	SEC-2 (02 Credits)	32 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)		24Credits

Total = 164 Credits

COURSES OF STUDY FOR NCC AS **GENERIC ELECTIVE** for 'Hons' PROGRAMME**Table AI-2.1 Semester wise Structure for End Sem Examinations of NCC as a Generic Elective subject:**

Sem	Core Honours, Allied DSE, Compulsory AECC Courses		Examination Structure		
	Code	Papers	Mid Semester Theory (F.M.)	End Semester Theory (F.M.)	End Semester Practical/ Viva (F.M.)
I	GE1	Organization & National Integration + Pr	---	75	25
II	GE2	Leadership, Social Services & Carrier Counselling + Pr	---	75	25
III	GE3	Leadership, Disaster Management-I & Civil Defence (CD) + Pr	---	75	25
IV	GE4	Military History, Disaster Management-II, Health Hygiene & First Aid + Pr	---	75	25

SEMESTER I**GENERIC ELECTIVE****1 Paper**

Total 100 x 1 = 100 Marks**I. GENERIC ELECTIVE (GE 1):**

(Credits: Theory-04, Practicals-02)

- All Four Generic Papers (One paper to be studied in each semester) of NCC to be studied by the Students of **Honours Programme**.

Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100**Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 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.

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

ORGANIZATION & NATIONAL INTEGRATION**Theory: 60 Lectures of 1 Hr. each****Unit – 01: Organization**

1. NCC Aims, Motto, NCC Flag, Administration
2. NCC Organization, Different types of Camp Training.
3. Certificate examination, Incentives for NCC Cadets, Honours and Awards in NCC
4. Introduction to services – Organization Badges of Rank of Army, Navy and Air Forces

Unit – 02: National Integration

1. Meaning and Importance
2. Religious and Customs of India
3. National Integration through corporate living and co-operative achievement
4. Roll of NCC in nation building
5. Indian History and Culture

Unit – 03: Social Service and Community Development

1. Basics of social service and its need, Types of social service activities,
 2. Objectives of rural development programs and its importance,
 3. NGO's and their contribution in social welfare,
 4. Roll of NCC in Nation building
-

GE 1 PRACTICAL:**Marks : Pr (ESE: 3Hrs) =25****Pass Marks: Pr (ESE) = 10*****Instruction to Question Setter for
End Semester Examination (ESE):***

There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

<i>Practical</i>	<i>= 15 marks</i>
<i>Practical Record</i>	<i>= 5 marks</i>
<i>Viva-voce</i>	<i>= 5 marks</i>

ORGANIZATION & NATIONAL INTEGRATION**Practical: 30 Lectures of 2 Hrs. each****Foot Drill.**

1. Understand that drill as the foundation for discipline and to command a group for common goal.
 2. Appreciate grace and dignity in the performance of foot drill
 3. Drill ki Aam Hidayaten, Word of Command, Savdhan, Vishram, Aram Se, Murdna, Kadvar Sizing, Teen Line Banana, Khuli Line, Nikat Line, Khade Khade Salute Karna Parade Par, Visarjan, Line Tod, Tej Chal, Tham aur Dhire Chal, Tham.
-

SEMESTER II**GENERIC ELECTIVE****1 Paper**

Total 100 x 1 = 100 Marks**II. GENERIC ELECTIVE (GE 2)**

(Credits: Theory-04, Practicals-02)

Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100**Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 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.

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

LEADERSHIP, SOCIAL SERVICES & CARRIER COUNSELLING**Theory: 60 Lectures of 1 Hr. each****Unit – 01: Leadership**

1. Leadership definition.
2. Important Leadership traits, Indicators of leadership and evaluation.
3. Motivation- Meaning & concept, Types of motivation. Factors affecting motivation.
4. Ethics and Honor codes

Unit – 02 : Social Services

1. Protection of Children & Women Safety.
2. Road/Rail Safety.
3. New Government Initiatives.
4. Cyber and mobile Security Awareness

Unit - 03 : Carrier Counselling

1. Carrier option in services – Army, Navy, Air Forces
 2. Traffic rules and road signals – Crossing of Roads, Zebra Crossing, Sub Ways, Over Head Bridges etc.
 3. Road Safety Rule
 4. Traffic Signals
-

GE 2 PRACTICAL:**Marks : Pr (ESE: 3Hrs) =25****Pass Marks: Pr (ESE) = 10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

<i>Practical</i>	<i>= 15 marks</i>
<i>Practical Record</i>	<i>= 5 marks</i>
<i>Viva-voce</i>	<i>= 5 marks</i>

LEADERSHIP, SOCIAL SERVICES & CARRIER COUNSELLING**Practical: 30 Lectures of 2 Hrs. each****Foot Drill**

1. Dahine, Baen, Aage aur Piche Kadam Lena.
 2. Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna.
 3. Teeno Teen se Ek File aur ek file se Teeno Teen Banana
-

SEMESTER III**GENERIC ELECTIVE****1 Paper**

Total 100 x 1 = 100 Marks**III. GENERIC ELECTIVE (GE 3)**

(Credits: Theory-04, Practicals-02)

Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100**Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 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.

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

LEADERSHIP, DISASTER MANAGEMENT-I & CIVIL DEFENCE (CD)**Theory: 60 Lectures of 1 Hr. each****Unit 01: Leadership Development**

1. Case Studies – APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.

Unit 02: Disaster management

1. Disaster Management Capsule.
2. Organisation.
3. Types of Disasters.
4. Essential Services.
5. Assistance.
6. Civil Defence Organisation.
7. Adventure: Adventure activities.
8. Border & Coastal Areas: History, Geography & Topography of Border/ Coastal Areas

Unit 03: Civil Defence (CD)

1. Aims of civil Defence
 2. Civil Defence Services
 3. Fire Fighting
 4. Protection from Air Raid
-

GE 3 PRACTICAL:**Marks : Pr (ESE: 3Hrs) =25****Pass Marks: Pr (ESE) = 10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

<i>Practical</i>	<i>= 15 marks</i>
<i>Practical Record</i>	<i>= 5 marks</i>
<i>Viva-voce</i>	<i>= 5 marks</i>

LEADERSHIP, DISASTER MANAGEMENT-I & CIVIL DEFENCE (CD)**Practical: 30 Lectures of 2 Hrs. each****Drill with arms**

1. Rifle ke saath Savdhan, Vishram aur Aram se.
 2. Rifle ke saath Parade Par aur Saj, Rifle ke saath Visarjan, Line Tod.
 3. Bhumi Shastra aur Uthao Shastra, Bagal Shastra aur Baju Shastra.
-

SEMESTER IV**GENERIC ELECTIVE****1 Paper**

Total 100 x 1 = 100 Marks**IV. GENERIC ELECTIVE (GE 4)****(Credits: Theory-04, Practicals-02)****Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100****Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 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.

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

MILITARY HISTORY, DISASTER MANAGEMENT-II, HEALTH HYGIENE & FIRST AID**Theory: 60 Lectures of 1 Hr. each****Unit - 01: Military History**

1. Geographical factors and their influence on DEFENCE of a country
2. India's geography and its bearing on its DEFENCE
3. BATTLE /Wars in India
4. National Movement

Unit – 02: Disaster Management

1. Introduction, Classification of Disaster
2. Natural Disaster & Man-made disaster
3. Disaster management during flood, cyclone
4. Assistance in removal of Debris, Collection and Distribution of Aid Material

Unit- 03: Health Hygiene & First Aid

1. Personal Hygiene and preventive disease
 2. Water supply, purification & disposal of Garbage
 3. Hemorrhage, Wounds, Burns
 4. Snake Bite & Dog Bite
 5. Introduction to Yoga & Different Asana
-

GE 1V PRACTICAL:**Marks : Pr (ESE: 3Hrs) =25****Pass Marks: Pr (ESE) = 10*****Instruction to Question Setter for******End Semester Examination (ESE):***

There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

Practical = 15 marks

Practical Record = 5 marks

Viva-voce = 5 marks

MILITARY HISTORY, DISASTER MANAGEMENT-II, HEALTH HYGIENE & FIRST AID**Practical: 30 Lectures of 2 Hrs. each**

1. YOGASANA: -
 - a. Padamsana,
 - b. Gyan Mudra,
 - c. Siddhasana,
 - d. Vajrasana,
 - e. Halasana,
 - f. Chakrasana,
 - g. Dhanurasana,
 - h. Sarvaangasana ,
 - i. Surya Namaskar,
 - j. Shavasana
 2. First Aid in common medical emergencies.
 3. Treatment and care of wounds
-

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

Distribution of Credits Semester wise for Undergraduate Honours Courses

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

Semester wise distribution of 164 Credits

	CC	AECC	GE-A	GE-B	SEC	DSE	Total credits
Semester I	12	02	06	06			20
Semester II	12	02	06	06			20
Semester III	18		06	06	02		26
Semester IV	18		06	06	02		26
Semester V	12					12	24
Semester VI	12					12	24
	84	04	24	24	04	24	140 + 24 = 164

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

Table B-3: Sample calculation for SGPA for B.Sc./B.A./B.Com/B.Voc. Honours 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-1A	06	B	6	36	
GE-1B	06	B+	7	42	
Total	26			180	6.92 (180 / 26)
Semester II					
C-3	06	B	6	36	
C-4	06	C	5	30	
AECC-2	02	B+	7	14	
GE-2A	06	A+	9	54	
GE-2B	06	B+	7	42	
Total	26			176	6.76 (176 / 26)
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-3A	06	O	10	60	
GE-3B	06	B+	7	42	
Total	32			280	8.75 (280 / 32)
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-4A	06	A	8	48	
GE-4B	06	B+	7	42	
Total	32			234	7.31 (234 / 32)
Semester V					
C-11	06	B	6	36	
C-12	06	B+	7	42	
DSE-1	06	O	10	60	
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+24=164			1248	7.61 (1248 / 164)

Table B-4: Sample calculation for CGPA for B.Sc./B.A./B.Com/B.Voc. Honours Programme

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:26; SGPA:6.92	Credit:26; SGPA: 6.76	Credit:32; SGPA: 8.75	Credit:32; SGPA: 7.31	Credit:24; SGPA: 7.75	Credit:24; SGPA: 8.0

Thus CGPA= (26x6.92+26x6.76+32x8.75+32x7.31+24x7.75+24x8.0)/164=7.61

FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

75 MARKS



Ranchi University, Ranchi

End Sem No.Exam Year

Subject/ Code

F.M. =75**P.M.** =40 (Including Mid Sem)**Time**=3Hrs.

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**.
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.
(पूर्णांक दायीं ओर लिखे गये हैं।)

Group A

1. [10x1=10]
- i.
 - ii.
 - iii.
 - iv.
 - v.
 - vi.
 - vii.
 - viii.
 - ix.
 - x.

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.