

1st YEAR
Semester-I
Paper - 1A (Theoretical)
Course Title: National Cadet Corps (NCC)-I

Full marks-60 (Internal assessment-24 + End Sem. Exam.-36) Credit = 4

Paper - 1A (Theoretical)

National Cadet Corps : Course Details			
Course Title: National Cadet Corps I			
Course Code	BNCC01GE02	Credits	1(Thr)+ 1(Pr) = 04
L / T + P	15+30	Course Duration	1 Semester
Semester	I (Odd)	Contact Hours	15(Thr)+30(Pr)= 45Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Know about the history of NCC, its organization, and incentives of NCC for their career prospects.
- Acquire knowledge of duties and conduct of NCC cadets.
- Understand about different NCC camps and their conducts.
- Understand the concept of national integration and its importance.
- Understand the concept of self-awareness and emotional intelligence.
- Understand the concept of critical & creative thinking.
- Understand the process of decision making & problem solving.
- Understand the concept of team and its functioning.
- Understand the concept and importance of social service.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Imbibe the conduct of NCC cadets.
- Respect the diversity of different Indian culture.
- Practice togetherness and empathy in all walks of their life.

- Do their own self-analysis and will work out to overcome their weakness for better performance in all aspects of life.
- Understand creative thinking & its components.
- Think divergently and will try to break functional fixedness.
- Make a team and will work together for achieving the common goals.
- Do the social services on different occasions.

(Theory)

Unit 1- NCC General:

Introduction of NCC, History, Aims, Objective of NCC & NCC as Organization, Incentives of NCC, Duties of NCC Cadet. NCC Camps: Types & Conduct.

Unit 2- National Integration & Awareness:

National Integration: Importance & Necessity, Factors Affecting National Integration, Unity in Diversity & Role of NCC in Nation Building, Threats to National Security.

Unit 3- Personality Development:

Intra & Interpersonal skills - Self-Awareness- & Analysis, Empathy, Critical & creative thinking, Decision making and problem solving.

Unit 4- Social Service and Community Development:

Basics of social service and its need, Types of social service activities, Objectives of rural development programs and its importance, NGO's and their contribution in social welfare, contribution of youth and NCC in Social welfare.

Paper – 1B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam.-24) Credit = 1

<u>Sl. No.</u>	<u>Practical</u>	<u>Marks</u>
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Social Service and Community Development (SSCD)	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Appreciate grace and dignity in the performance of foot drill.
- Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- Develop awareness about different types of terrain and how it is used in battle craft.
- Develop the concept of various markings on the map and how they are co-related to the ground features.

- Understand the various social issues and their impact on social life.
- Develop the sense of self-less social service for better social & community life

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform foot drill and follow the different word of command.
- Fire a weapon effectively with fair degree of marksmanship.
- Undertake point to point navigation and take part in route marches by day and night.
- Perform the social services on various occasions for better community & social life.

(Practical)

Unit 1- Drill:

Foot Drill- Drill ki Aam Hidayaten, Word ki 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.

Unit 2- Weapon Training:

Introduction & Characteristics of .22 rifle, Handling of .22 rifle.

Unit 3- Map Reading:

Definition of Map, Conventional signs, Scale and Grid System, Topographical forms and technical terms, Relief, Contours and gradients, Cardinal points and types of North, Magnetic Variation and Grid Convergence.

Unit 4- Field Craft & Battle Craft (FC & BC):

Introduction of Field Craft & Battle craft, Judging Distance, Method of Judging Distance.

Unit 5- Social Service and Community Development (SSCD):

Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
3. "NCC Red Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
4. "PI Hand Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
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NEP 2020 UG Programme
Tripura University
NCC MINOR
Semester-II

Course Title: National Cadet Corps (NCC)-II
Full marks-60 (Internal assessment-24 + End Sem. Exam.-36) Credit = 4

Course Title: National Cadet Corps II			
Course Code	BNCC02GE02	Credits	2(Thr)+ 2(Pr)=04
L /T + P	15+30	Course Duration	1 Semester
Semester	II (Even)	Contact Hours	15(Thr)+30(Pr)=45Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

Paper - 2A (Theoretical) Credit=2

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Understand the thinking & reasoning process.
- Understand the process to cope with Stress & emotions.
- Understand the importance of improving communication skills.
- Identify the leadership traits.
- Admire the qualities of great leaders.
- Know about different legal provisions for children & women safety and protection.
- Understand the various rules & measures to be taken to ensure Road/Rail safety.
- Understand & spread awareness about latest Government initiatives for welfare of citizens and contribute towards Nation building.
- Understand concepts of cyber and mobile security.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Define thinking, reasoning, critical thinking and creative thinking.
- To think critically about different life related issues.
- Think divergently and will try to break functional fixedness.
- Creatively in their real-life problems.
- Understand the organizations related to disaster management and their functioning.
- Appreciate the role of NCC cadets in disaster management.

(Theory)

Unit 1. Personality Development:

- Thinking- Meaning and Concept of thinking, Reasoning, Process of thinking.
- Critical Thinking- Meaning & concept of critical thinking, Features of critical thinking, Process of critical thinking.
- Creative thinking- Meaning & concept of creative thinking, Features of creative thinking, Process of creative thinking, levels of Creativity, Characteristics of creative person.

- Group Discussions - Change your Mindset
- Public Speaking.

Unit 2. Leadership Development:

- Leadership capsule.
- Important Leadership traits, Indicators of leadership and evaluation.
- Motivation- Meaning & concept, Types of motivation. Factors affecting motivation.
- Ethics and Honor codes.

Unit-3. Social Service and Community Development:

- Protection of Children & Women Safety.
- Road/Rail Safety.
- New Government Initiatives.
- Cyber and mobile Security Awareness.

Unit-4: Border and Coastal Areas

- Types of Borders
- Historical borders
- History of Costal Areas
- Various wars fought to protect its borders
- Geography and topography of Border Areas
- Geography of Costal India

Part- 2: Practical

Paper – 2B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam.-24) Credit = 2

<u>Sl. No.</u>	<u>Practical</u>	<u>Marks</u>
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Social Service and Community Development (SSCD)	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Appreciate grace and dignity in the performance of foot drill.
- Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform foot drill gracefully.
- Give and follow the different word of command.
- Fire a weapon effectively with fair degree of marksmanship.
- Use of bearing and service protractor and locate the places and objects on the ground.
- Do the social service and feel connected with social problems.

(Practical)

Unit 1. Drill:

- Foot Drill Dahine, Baen, Aageaur Piche Kadam Lena.
- Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna.
- Teeno Teen se Ek File aur ek file se Teeno Teen Banana

Unit 2. Weapon Training:

- Range procedure & Theory of group.

- Short Range firing.

Unit 3. Map Reading:

- Protractor Bearing and its conversion methods.
- Service protractor and its uses.
- Prismatic compass and its uses and GPS.
- Navigation by compass and GPS.

Unit 4. Field Craft & Battle Craft:

- Indications of landmarks and Targets.
- Intro, Definitions, Types of Ground, Indication of Landmarks, Methods of identifying targets, difficult targets.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
3. "NCC Red Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
4. "PI Hand Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
5. "NCC Coffee Table Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.

Website: NCC Directorate General, New Delhi, Website: <https://indiancc.nic.in/>

2nd YEAR
Semester-III (Minor)
Course Title: National Cadet Corps (NCC)-III
Total Credit = 4

Paper - 3A (Theoretical)

COURSE TITLE: NATIONAL CADET CORPS III			
Course Code	BNCC03GE02	Credits	2(Thr)+ 2(Pr)=04
L / T + P	15 +30	Course Duration	1 Semester
Semester	III (Odd)	Contact Hours	15(Thr)+30(Pr)=45Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Understand the life history and leadership qualities of great leaders, sportspersons & entrepreneurs.
- Understand the organizations related to disaster management and their functioning.
- Understand the role of NCC cadets in disaster management.
- Understand the various types of adventure activities.
- Know about the Armed Forces.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Admire and get inspired by the accomplishments of leaders from various walks of life.
- Appreciate the need & requirement for disaster management and his role in disaster management activities.
- Students will be able to understand the various types of adventure activities.
- Students will be aware of the Armed Forces.

Paper - 3A (Theoretical)

Full marks-60 (Internal assessment-24 + End Sem. Exam.-36) Credit = 2

Unit 1. Leadership Development:

- Case Studies: APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.

Unit 2. Disaster management:

- National Disaster Management Authority (NDMA): Organization of NDMA (NDMA at National Level, NEC, SDMA, DDMA, NDRF)
- Disaster: Definition and classification of Disasters.

- Essential Services during disaster: Types of maintenance required for essential services; Role of NCC cadets maintaining essential services.

Unit 3. Adventure Activities:

- Parasailing
- Slithering
- Rock Climbing
- Cycling and Trekking

Unit 4. Armed Forces:

Army, Navy, Air Force and Central Armed Police Forces.

Paper – 3B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam.-24) Credit = 2

Sl. No.	Practical	Marks
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Obstacle Training	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal
- Appreciate grace and dignity in the performance of arm drill
- Understand the concept and importance of social service.
- Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- Actively participate in social service and community development activities.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform arm drill gracefully.
- Give and follow the different word of command.
- Fire a weapon effectively with fair degree of marksmanship.
- Different positioning for fire and aiming.
- Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.
- Observe surroundings in better way.
- Develop the qualities of patience and confidence and become better individuals.
- Will develop physical as well as mental fitness.

(Practical)

Unit 1. Drill:

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

Unit 2. Weapon Training:

- Short Range firing.

Unit 3. Map Reading:

- Setting of Map.
- Findings North and Own Position.

Unit 4. Field Craft & Battle Craft:

- Observation.
- Camouflage.
- Concealment.

Unit 5. Obstacle Training:

- Obstacle training - Introduction, Safety-measures, Benefits.
- Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
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2nd YEAR
Semester-IV (Minor)
Course Title: National Cadet Corps (NCC)-IV
Total Credit = 4

Paper - 4A (Theoretical)

Course Title: National Cadet Corps IV			
Course Code	BNCC04GE03	Credits	2(Thr)+ 2(Pr)=04
L / T + P	30+30	Course Duration	1 Semester
Semester	IV (Even)	Contact Hours	30(Thr)+30(Pr)=60Hours
Methods of Content Interaction	Lectures, Tutorials, Group discussions, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Develop a sense of time management and social skills.
- Understand the life history & leadership qualities of personalities who have contributed in Nation Building and Literature.
- Understand the role of NCC cadets as 2nd line Defence in 1965 War.
- Develop awareness about various types of Natural and manmade disasters.
- Know about life saving tips during disasters.
- acquainted about Fire Services.
- Understand importance of Environmental Awareness & conservation; Pollution

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Effectively Manage time.
- Develop the qualities of social skills.
- Imbibe leadership qualities.
- Be motivated to serve the nation by joining the Armed forces.
- Contribute to environmental awareness and conservation activities.
- Will be aware of various kinds of Pollution
- Effectively contribute in managing disaster relief tasks

Paper – 4A (Theory)

Full marks-60 (Internal assessment-24 + End Sem. Exam-36) Credit = 2

Unit 1. Personality Development:

- **Time management:** Concept of Team Management; Benefits of Time Management; Principles of Time Management
- **Social Skills:** Concept of Social Skills; measures to improve social skills
- **Etiquette:** Concept of Etiquette; Types of Etiquette; need and importance of Etiquette

Unit 2. Leadership Development:

Case Studies – Case Studies – Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

Unit 3. Disaster management:

- Natural Disaster
- Man-Made Disaster
- Fire Service and Fire Fighting
- Civil Defence: Role and duties during disaster.

Unit 4. Environmental Awareness:

- Definition and importance of Environment
- Natural Resources: Renewable and Non-Renewable Resources
- Water Conservation and Energy Conservation
- Environmental Pollution: Definition and types

Paper – 4B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam-24) Credit = 2

<u>Sl. No.</u>	<u>Practical</u>	<u>Marks</u>
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Health & Hygiene	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Understand various signals to convey messages in the army.
- Get acquainted various section formations.
- Understand the basics of personal and public hygiene.
- Get acquainted with the procedure to treat the wounds and fractures during emergencies.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform weapon drill gracefully.
- Give and follow the different word of command.
- Appreciate grace and dignity in the performance of foot drill.
- Apply signals in their day-to-day functioning.
- Provide first aid during the emergencies.
- Navigate to the given location on ground using compass and GPS.
- Practice healthy practices for the personal sanitation and hygiene.

(Practical)**Unit 1. Drill:**

- Arm Drill.
- Salami Shastra.
- Squad Drill with Arms.

Unit 2. Weapon Training:

- Short Range firing

Unit 3. Map Reading:

- Map to Ground.
- Ground to Map.

Unit 4. Field Craft & Battle Craft:

- Fire and Move Capsule.
- Field signal- with hand, with Weapons, Signal with Whistle.
- Field signals as means of giving orders.

- Field signals by day, Field signals by night.
- Section Formation.

Unit 5. Health & Hygiene:

- Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
- First Aid in common medical emergencies.
- Treatment & Care of Wounds.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
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2nd YEAR
Semester-IV (Minor)
Course Title: National Cadet Corps (NCC)-IV
Total Credit = 4

Paper - 4A (Theoretical)

Course Title: National Cadet Corps IV			
Course Code	BNCC04GE03	Credits	2(Thr)+ 2(Pr)=04
L / T + P	30+30	Course Duration	1 Semester
Semester	IV (Even)	Contact Hours	30(Thr)+30(Pr)=60Hours
Methods of Content Interaction	Lectures, Tutorials, Group discussions, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Develop a sense of time management and social skills.
- Understand the life history & leadership qualities of personalities who have contributed in Nation Building and Literature.
- Understand the role of NCC cadets as 2nd line Defence in 1965 War.
- Develop awareness about various types of Natural and manmade disasters.
- Know about life saving tips during disasters.
- acquainted about Fire Services.
- Understand importance of Environmental Awareness & conservation; Pollution

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Effectively Manage time.
- Develop the qualities of social skills.
- Imbibe leadership qualities.
- Be motivated to serve the nation by joining the Armed forces.
- Contribute to environmental awareness and conservation activities.
- Will be aware of various kinds of Pollution
- Effectively contribute in managing disaster relief tasks

Paper – 4A (Theory)

Full marks-60 (Internal assessment-24 + End Sem. Exam-36) Credit = 2

Unit 1. Personality Development:

- Time management: Concept of Team Management; Benefits of Time Management; Principles of Time Management
- Social Skills: Concept of Social Skills; measures to improve social skills

- Etiquette: Concept of Etiquette; Types of Etiquette; need and importance of Etiquette

Unit 2. Leadership Development:

Case Studies – Case Studies – Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

Unit 3. Disaster management:

- Natural Disaster
- Man-Made Disaster
- Fire Service and Fire Fighting
- Civil Defence: Role and duties during disaster.

Unit 4. Environmental Awareness:

- Definition and importance of Environment
- Natural Resources: Renewable and Non-Renewable Resources
- Water Conservation and Energy Conservation
- Environmental Pollution: Definition and types

Paper – 4B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam-24) Credit = 2

Sl. No.	Practical	Marks
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Health & Hygiene	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Understand various signals to convey messages in the army.
- Get acquainted various section formations.
- Understand the basics of personal and public hygiene.
- Get acquainted with the procedure to treat the wounds and fractures during emergencies.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform weapon drill gracefully.
- Give and follow the different word of command.
- Appreciate grace and dignity in the performance of foot drill.
- Apply signals in their day-to-day functioning.
- Provide first aid during the emergencies.
- Navigate to the given location on ground using compass and GPS.
- Practice healthy practices for the personal sanitation and hygiene.

(Practical)

Unit 1. Drill:

- Arm Drill.
- Salami Shastra.
- Squad Drill with Arms.

Unit 2. Weapon Training:

- Short Range firing

Unit 3. Map Reading:

- Map to Ground.
- Ground to Map.

Unit 4. Field Craft & Battle Craft:

- Fire and Move Capsule.
- Field signal- with hand, with Weapons, Signal with Whistle.
- Field signals as means of giving orders.
- Field signals by day, Field signals by night.
- Section Formation.

Unit 5. Health & Hygiene:

- Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
- First Aid in common medical emergencies.
- Treatment & Care of Wounds.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
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NEP 2020 UG Program
Tripura University
NCC MINOR
Semester-V

Course Title: National Cadet Corps (NCC)-V

Full marks-60 (Internal assessment-24 + End Sem. Exam.-36) Credit = 4

Course Title: National Cadet Corps V			
Course Code	BNCC05GE02	Credits	1(Thr)+ 1(Pr)=04
L / T + P	15 +30	Course Duration	1 Semester
Semester	V (Odd)	Contact Hours	15(Thr)+30(Pr)=45Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- Understand the incentives and benefits of NCC
- Understand the various types of NCC camps.
- Acquire knowledge about an Infantry Battalion, Armour and Supporting Arms.
- Acquire knowledge about Indo-China War 1962
- Acquire knowledge about Indo-Pak Wars fought in 1965 & 1971.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Acquired knowledge about the incentives and benefits of NCC.
- Acquired knowledge about Indo-China War 1962
- Understand the Infantry Battalion, Armour and Supporting Arms.
- Acquired knowledge about Indo-Pak Wars fought in 1965 & 1971.
- Get motivated to join armed forces.

(Theory)

Unit 1: Incentives and benefits of NCC

- Concept of incentives to NCC cadets

- Incentives provided by the Central & State Government for the cadets
- Concept of Cadet Welfare Society (CWS)
- Financial Assistance and scholarships for the NCC cadets

Unit 2: NCC Camps

- Annual Training Camps/ Combined Annual Training Camps, EBSB Camp and Army Attachment Camp
- Centrally Organized Camps: Thal Sainik Camp, Nau Sainik Camp and Vayu Sainik Camp
- Adventure Camps: Parasailing, Rock Climbing Camp and Trekking Camp
- Republic Day Camp (RDC) and Youth Exchange Program (YEP) Camp

Unit 3. Introduction to Infantry Battalion, Armour and Supporting Arms

- Introduction to Infantry Battalion, Role of Infantry, Characteristics of Infantry
- Role of Armour, Principles of Employment in Armour
- Mechanize infantry, Role of Mechanized Infantry
- Task and Role of Supporting Arms and Services

Unit 4. Military History:

- Indo-China War 1962
- Study of Battles of Indo-Pak Wars 1965 & 1971.

Paper – 5B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam.-24) Credit = 1

Sl. No.	Practical	Marks
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Obstacle Training	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Appreciate grace and dignity in the performance of ceremonial drill.
- Use the compass and GPS to locate places on the ground and map.
- Understand various concept of Weapon Training
- Understand the concept of FC and BC
- Understand the concept of Obstacle Training

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Understand that drill as the foundation for discipline and to command a group for common goal.
- Appreciate grace and dignity in the performance of ceremonial drill.
- Understand the use the compass and GPS to locate places on the ground and map.
- Understand the various concept of Weapon Training
- Understand the concept of FC and BC
- Understand the concept of Obstacle Training

(Practical)

Unit 1. Drill:

- Ceremonial Drill.
- Guard Mounting.

Unit 2. Field Craft & Battle Craft:

- Fire control orders.
- Types of fire control orders.
- Fire and Movement- when to use fire and movements tactics, Basic considerations, Appreciation of ground cover, Types of cover, Dead ground, Common Mistakes, Map and air photography, Selection of Fire position and fire control.
- Section Formation, Types of Section Formation

Unit 3. Map Reading:

- Google Maps & applications

Unit 4. Weapon Training:

- Short Range firing

Unit 5. Obstacle Training:

- Obstacle training – Introduction, Precaution and Safety measures, Benefits.
- Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall Right Vault, Left Vault, etc.

Suggested Readings:

1. Debbarma, Daniel. Comp. (2014). *NCC as an Elective*, Penster Publications: Tripura. ISBN: 978-81-962122-9-2
2. India. Ministry of Defence. Directorate of General NCC. *Cadet Hand Book*. Directorate of General NCC: New Delhi.
3. India. Ministry of Defence. Directorate of General NCC. *NCC Red Book*. Directorate of General NCC: New Delhi.
4. India. Ministry of Defence. Directorate of General NCC. *PI Hand Book*. Directorate of General NCC: New Delhi.
5. India. Ministry of Defence. Directorate of General NCC. *NCC Coffee Table Book*. Directorate of General NCC: New Delhi.
6. <https://indiancc.nic.in/>

NEP 2020 UG Program

Tripura University

NCC MINOR

Semester-VI

Course Title: National Cadet Corps (NCC)-VI

Full marks-60 (Internal assessment-24 + End Sem. Exam-36) Credit = 4

Course Title: National Cadet Corps VI			
Course Code	NCCM06	Credits	1(Thr)+1(Pr)=04
L /T +P	15+30	Course Duration	1 Semester
Semester	VI (Even)	Contact Hours	15(Thr)+30(Pr)=45 Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- **Provide career awareness** by introducing diverse opportunities after graduation, especially in defence and allied services like Armed Forces, CAPF, Merchant Navy, and Civil Aviation.
- To inculcate on various badges of ranks of armed forces
- To learn about various honours and awards of armed forces
- **Promote physical and mental well-being** through awareness of fitness, hygiene, disease prevention, first aid.
- To be aware about different terrains of nature including desert, mountain and jungle terrains.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Identify and evaluate career opportunities in defence, paramilitary, and allied sectors, Demonstrate improved interview and personality skills suitable for SSB and other competitive selections.
- Learn about various badges of ranks of armed forces
- Learn about various honours and awards of armed forces
- Maintain personal fitness, hygiene, and sanitation practices, Identify common infectious diseases and apply preventive measures, Perform basic first aid in emergency situations.
- Learn about different terrains of nature including desert, mountain and jungle terrains.

Unit 1. Unit 1. CAREER COUNSELLING

- Options After Graduation
- SSB Process and Interview Skills
- Career in Armed Forces/ CAPF/Merchant Navy/Civ Aviation

Unit 2. BADGES OF RANKS, HONOURS AND AWARDS OF ARMED FORCES

- Badges of Ranks - Army, Navy and Air Force, Equivalent Ranks in Army, Navy and Air Force
- Gallantry in the Face of the Enemy during war time (Param Vir Chakra, Maha Vir Chakra, Vir Chakra);
- Gallantry Other Than in the Face of the Enemy during peace time (Ashoka Chakra, Kirti Chakra, Shaurya Chakra)
- Distinguished Service Awards (Param Vishisht Seva Medal, Ati Vishisht Seva Medal, Vishisht Seva Medal)

Unit 3. PHYSICAL & MENTAL WELLNESS

- Physical Fitness
- Importance of Hygiene & Sanitation
- Infectious Diseases and Their Prevention
- Essential First Aid and Life – Threatening Emergencies

Unit 4. LIVING WITH NATURE

- **Desert Terrain:** Definition and Characteristics of Deserts; Types of Deserts; Thar Desert, Climate and Its Impact on Desert Terrain; Types of Terrain in Indian Deserts; Flora and Fauna in Deserts
- **Mountain Terrain:** Mountain ranges and their characteristics: - a.Himalayas, b.Western Ghats (Sahyadri), c. Eastern Ghats, Climatic conditions in the mountain ranges of India; Flora and Fauna in Mountain Terrains.
- **Jungle Terrain:** Forest, Types of Forest, Economic Resources and Effect on Tribes Living Near Forests

Part- 2: Practical

Paper – 2B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam-24) Credit = 2

SL. No.	<u>Practical</u>	<u>Marks</u>
1.	Drill	05
2.	Weapon Training	05
3.	Map Reading	05
4.	Field Craft & Battle Craft (FC & BC)	05
5.	Drones	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- To develop discipline, coordination, and leadership qualities through drill and ceremonial practices.
- To impart basic knowledge and safe handling skills of rifles and firing techniques.
- To train students in map reading skills, including interpretation of conventional signs and modern digital tools.
- To equip learners with practical skills in field craft and battle craft, essential for survival and teamwork in field conditions.
- To introduce the fundamentals of drone technology, including principles of flight, applications, and regulatory frameworks.
- To promote awareness of modern defense technologies and their civilian applications.

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Perform drill movements with precision and participate effectively in ceremonial activities such as Guard of Honour.

- Handle and operate rifles safely, demonstrating basic firing techniques and understanding range procedures.
- Interpret maps accurately, using conventional signs, scale, grid systems, and digital tools like Google Maps.
- Apply field craft skills, including tying knots, lashing, stretcher-making, and executing section formations.
- Explain drone technology, including types, evolution, and basic flight principles.
- Understand and follow DGCA regulations related to drone usage in India.
- Demonstrate teamwork, leadership, and decision-making skills in simulated field situations.
- Recognize practical applications of drones in defence, disaster management, agriculture, and surveillance.

(Practical)

Unit 1. DRILL

- Ceremonial Drill.
- Guard of Honour.

Unit 2. WEAPON TRAINING

- Firing Operation of Rifle, Short Range firing

Unit 3. MAP READING (MR)

- Conventional Signs, Scale and Grid Systems, Google maps and Applications.

Unit 4. FIELD CRAFT & BATTLE CRAFT (FCBC)

- Knots, Lashing and Stretchers. Section Formations

Unit 5. DRONES

- Evolution and Types of Drones
- Basic Principles of Flight
- DGCA Rules on Drones, Application of Drones, Drone Operations.

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
3. "NCC Red Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
4. "PI Hand Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
5. "NCC Coffee Table Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.

Website: NCC Directorate General, New Delhi, Website: <https://indiancc.nic.in/>

NEP 2020 UG Programme

Tripura University

NCC MINOR

Semester-VII

Course Title: National Cadet Corps (NCC)-VII

Full marks-60 (Internal assessment-24 + End Sem. Exam-36) Credit = 4

Course Title: National Cadet Corps VII			
Course Code	NCCM07	Credits	1(Thr)+1(Pr)=04
L /T +P	15+30	Course Duration	1 Semester
Semester	VII (Odd)	Contact Hours	15(Thr)+30(Pr)=45 Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- To teach about life skills including responsibilities, implications and liabilities of posting on social media, negative impact of social media, cyber crimes, health management, stress management and diet and nutrition
- To inculcate knowledge about military operation history including Operation VIJAY, MEGHDOOT, CACTUS, SINDOOR, SAFEED SAGAR, UNPKF operations and contribution of armed forces in HADR
- To learn about duties, responsibilities and civic preparedness including basics of Indian Constitution, civic responsibilities, social evils, drug abuse, contribution of youth and preservation of indigenous knowledge of Tripura
- To be aware about SSB procedures including its purpose, structure, stages, psychological assessment, GTO tasks, personal interview, conference and medical examination

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Learn about life skills including responsibilities, implications and liabilities of posting on social media, negative impact of social media, cyber crimes, health management, stress management and diet and nutrition
- Learn about military operation history including Operation VIJAY, MEGHDOOT, CACTUS, SINDOOR, SAFEED SAGAR, UNPKF operations and contribution of armed forces in HADR
- Learn about duties, responsibilities and civic preparedness including basics of Indian Constitution, civic responsibilities, social evils, drug abuse, contribution of youth and preservation of indigenous knowledge of Tripura
- Learn about SSB procedures including its purpose, structure, stages, psychological assessment, GTO tasks, personal interview, conference and medical examination

Unit 1. LIFE SKILLS

- Posting on Social Media- Responsibilities, Implications and Liabilities
- Negative Impact of Social Media & Cyber Crimes
- Health Management: Communicable and non-communicable diseases and their management;
- Stress Management
- Diet and Nutrition: Macro and Micro Nutrients, Basic concept of Balanced Diet.

Unit 2. MILITARY OPERATION HISTORY

- Operation VIJAY (Kargil War)
- Operation MEGHDOOT
- Operation CACTUS (Maldives)
- Operation SINDOOR
- Operation SAFEED SAGAR
- United Nations Peace Keeping Force (UNPKF) Operations
- Contribution of Armed Forces in Humanitarian Assistance & Disaster Relief (HADR)

Unit 3. DUTIES, RESPONSIBILITIES & CIVIC PREPAREDNESS

- Basics of Indian Constitution: Fundamental Rights and Duties of a Good Citizen
- Civic Responsibilities: Resilience, service to nation and environmental responsibility
- Social Evils and Drug Abuse
- Contribution of Youth in Society
- Preservation and Conservation of Indigenous Knowledge of Tripura

Unit 4. SSB PROCEDURES

- Introduction to SSB and its purpose
- Structure and stages of SSB: screening stage, psychological assessment, GTO, Group Discussion, GPE, PGT, HGT, Lecturette, Individual Obstacles, Command Task, Final Group Task, Personal Interview, Conference and Final Assessment, Medical Examination.

Part- 2: Practical

Paper – 2B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam-24) Credit = 2

<u>Sl. No.</u>	<u>Practical</u>	<u>Marks</u>
1.	Assignment	10
2.	Demonstration of First Aid Box and its Components	05
3.	Demonstration of Knots, Lashing and Stretchers	05
4.	Viva Voce	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- To teach about life skills including first aid and CPR
- To inculcate knowledge about knots, lashing and stretchers
- To learn about lecturette and extempore
- To be aware about assignment writing and presentation

EXPECTED LEARNING OUTCOMES:

After completing this course, the cadets will be able to:

- Learn about life skills including first aid and CPR
- Learn about knots, lashing and stretchers
- Learn about lecturette and extempore
- Learn about assignment writing and presentation

(Practical)

- Unit 1:** Life Skills: First Aid and CPR
Unit 2: Knots, Lashing and Stretchers.
Unit 3: Lecturette and Extempore
Unit 4: Assignment

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
3. "NCC Red Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
4. "PI Hand Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
5. "NCC Coffee Table Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.

Website: NCC Directorate General, New Delhi, Website: <https://indiancc.nic.in/>

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NEP 2020 UG Programme

Tripura University

NCC MINOR

Semester-VIII

Course Title: National Cadet Corps (NCC)-VIII

Full marks-60 (Internal assessment-24 + End Sem. Exam-36) Credit = 4

Course Title: National Cadet Corps VIII			
Course Code	NCCM08	Credits	1(Thr)+1(Pr)=04
L /T +P	15+30	Course Duration	1 Semester
Semester	VIII (Even)	Contact Hours	15(Thr)+30(Pr)=45Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms.		

COURSE OBJECTIVES: On completion of the course the student will be able to:

- To teach about individual development including public speaking, analytical and logical reasoning, diet and nutrition, healthy food choices, lifestyle and health related problems and menstrual hygiene
- To inculcate knowledge about yoga, mindfulness and holistic wellbeing including basic asanas, pranayama, meditation, mindfulness and impact of screen time on sleep quality
- To learn about sustainability and innovation including SDGs, financial literacy, waste management, recycling and benefits of innovation
- To be aware about navigation and satellite technology including GPS, Google Maps, satellite imagery and usage of AI in day to day life

EXPECTED LEARNING OUTCOMES: After completing this course, the cadets will be able to: -

- Learn about individual development including public speaking, analytical and logical reasoning, diet and nutrition, healthy food choices, lifestyle and health related problems and menstrual hygiene
- Learn about yoga, mindfulness and holistic wellbeing including basic asanas, pranayama, meditation, mindfulness and impact of screen time on sleep quality
- Learn about sustainability and innovation including SDGs, financial literacy, waste management, recycling and benefits of innovation
- Learn about navigation and satellite technology including GPS, Google Maps, satellite imagery and usage of AI in day to day life

Unit 1. INDIVIDUAL DEVELOPMENT

- Public Speaking
- Analytical and Logical Reasoning
- Diet & Nutrition: Healthy Food Choices, problems associated with junk and ultra processed food, hydration and electrolyte balance
- Lifestyle and health related problems, Menstrual Hygiene

Unit 2. YOGA, MINDFULNESS AND HOLISTIC WELBEING

- Concept and importance of Yoga
- Basic Asanas, Pranayama
- Meditation and Mindfulness
- Effect of Screen time and its impact on sleep quality

Unit 3. SUSTAINABILITY & INNOVATION

- Sustainable Development Goals (SDGs) & Efforts towards Achievement
- Financial Literacy
- Effective Waste Management and Recycling
- Application and Benefits of Innovation

Unit 4. NAVIGATION & SATELLITE TECHNOLOGY

- Global Positioning System (GPS)
- Google Maps and Navigation by Google Map
- Introduction to Satellite Imagery and its uses and application of Satellite Imagery
- Perception and usage of AI in day-to-day life.

Part- 2: Practical

Paper – 2B (Practical)

Full marks-40 (Internal assessment-16 + End Sem. Exam-24) Credit = 2

Sl. No.	<u>Practical</u>	<u>Marks</u>
1.	Field Visit	05
2.	Report Writing	10
3.	Presentation	05
4.	Viva voce	04
	Total	24

COURSE OBJECTIVES: Cadets will be able to: -

- To teach about drill including ceremonial drill and guard of honour
- To inculcate knowledge about weapon training including firing operation of rifle and short-range firing.
- To learn about map reading including conventional signs, scale, grid systems, Google Maps and applications.
- To be aware about field craft and battle craft including knots, lashing, stretchers and section formations.
- To learn about obstacles in NCC including 10 obstacles of Senior Division Cadets and 06 obstacles of Senior Wing Cadets.

EXPECTED LEARNING OUTCOMES:

After completing this course, the cadets will be able to:

- Learn about drill including ceremonial drill and guard of honour.
- Learn about weapon training including firing operation of rifle and short-range firing.
- Learn about map reading including conventional signs, scale, grid systems, Google Maps and applications.
- Learn about field craft and battle craft including knots, lashing, stretchers and section formations.
- Learn about obstacles in NCC including obstacles of Senior Division Cadets and Senior Wing Cadets.

(Practical)

Experiential Learning through field visit and Project Report Submission

Suggested Readings:

1. "NCC as an Elective" Book, Published by Penster Publications, Tripura, ISBN: 978-81-962122-9-2 compiled by Lt Daniel Debbarma, Associate NCC Officer (ANO).
2. "Cadet Hand Book" published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. Of India.
3. "NCC Red Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
4. "PI Hand Book", published by Directorate General of NCC, New Delhi under the Ministry of Defence, Govt. of India.
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