

VSOS SENIOR SECONDARY SYLLABUS

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1.0 Vocational Skill Open Schooling (VSOS) - Senior Secondary Curriculum

Based on NCF 2005 & National Credit Framework (NCF) 2023

Total Credits: 100 | NCF Level: 4.0 – 4.5

1.1 Academic Subjects (Choose any 5 subjects)

Total: 40 Credits (Each subject: 6–10 credits)

Subject Name	Theory Hours	Practical Hours	Credits
English	60 hrs	20 hrs	8
Regional	60 hrs	20 hrs	8
Accountancy	80 hrs	40 hrs	10
Biology	80 hrs	60 hrs	10

Business Studies	80 hrs	40 hrs	10
Chemistry	80 hrs	60 hrs	10
Digital Literacy & Computer Science	60 hrs	60 hrs	10
Economics	70 hrs	30 hrs	8
Family & Community Studies	60 hrs	40 hrs	8
Geography	60 hrs	40 hrs	8
Law, Justice & Governance	60 hrs	20 hrs	6
Mathematics	80 hrs	20 hrs	10
Physics	80 hrs	60 hrs	10
Political Science	60 hrs	20 hrs	6
Psychology	60 hrs	40 hrs	8
Sociology	60 hrs	20 hrs	6
Tourism	60 hrs	40 hrs	8
Entrepreneurship	60 hrs	40 hrs	8
Media and Communication Studies	60 hrs	60 hrs	10

1.2 Vocational Specialization (Choose any one sector)

Total: 40 Credits (4 Modules x 10 Credits each)

Sector (Sample Options)	Modules (Examples)
Engineering & Technical	Electrical Wiring, CAD Drawing, Tool Design, CNC Programming
IT & Computing	Data Entry, Office Tools, Python, Web Design
Business & Finance	Retailing, Tally with GST, Business Communication, eCommerce
Media & Arts	Video Editing, Graphic Design, Photography, Content Creation
Healthcare	General Duty Assistant, Medical Records, First Aid

Agriculture & Environment	Organic Farming, Nursery Techniques, Agri-Marketing
Hospitality & Tourism	Front Office Operations, Housekeeping, Travel Desk Operations

Each Module includes 40 hrs theory + 60 hrs practical

1.3 Life Skills & Employability (Compulsory for All)

Total: 10 Credits

Module Title	Total Hours	Credits
Communication Skills & Soft Skills	20 hrs	2
Financial Literacy & Digital Literacy	20 hrs	2
Entrepreneurial Mindset & Career Planning	20 hrs	2
Social Awareness & Workplace Ethics	20 hrs	2
Yoga, Art Education & Community Values	20 hrs	2

1.4 Internship / Project / Field Training

Total: 10 Credits

Component	Duration	Credits
Skill-Based Project / Internship	100 hours	10

1.5 TOTAL STRUCTURE

Component	Credit Range
Academic Subjects	40
Vocational Specialization	40

Life & Employability Skills	10
Internship/Project	10
Total	100

1.6 Eligibility Criteria – Vocational Skill Open Schooling (VSOS) Board Senior Secondary Level (+2 / Class 12th)

- 1. Minimum Age: 16 years as on 1st July of the academic year.**
- 2. Educational Qualification:**
 1. Must have passed Class 10 from a recognized board.
 2. Learners with gap years or dropouts after Class 10 are also eligible.
- 3. Streams Available:**
 1. Arts/Humanities
 2. Commerce
 3. Science (without practicals)
 4. Vocational-Integrated Stream

4. Documents Required:

1. Class 10 mark sheet or certificate
2. Age and address proof
3. Passport-sized photographs

Regional Languages

1. **Assamese**
2. **Bengali**
3. **Hindi**
4. **Kannada**
5. **Malayalam**
6. **Marathi**
7. **Tamil**
8. **Telugu**

2.0 English

Duration: 80 Hours

Credits: 8 (6 Theory + 2 Practical)

Mapped NCRF Level: 4

2.1 Curriculum Objectives (Aligned with NCF 2005)

1. Build foundational and advanced English communication skills.
2. Enhance reading comprehension and writing clarity for real-life and workplace contexts.
3. Promote creativity, critical thinking, and language appreciation through literature.
4. Prepare learners for professional communication and social interaction in English.

2.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Functional English Grammar	- Parts of speech- Tenses and sentence structure- Voice, narration, modals, articles	10
2	Reading Skills	- Skimming and scanning- Comprehension passages- Inference and interpretation	10
3	Writing Skills	- Paragraphs and essays- Letter (formal/informal)- Email writing- Resume, notice	10
4	Speaking and Listening Skills	- Pronunciation and fluency- Group discussion- Dialogue and role play- Interviews	10
5	Literature and Language Exposure	- Prose and poetry appreciation- Character analysis- Themes, tone, and vocabulary	10
6	English for Workplace	- Report writing- Telephone and meeting communication- Etiquette for digital platforms	8
7	Creative and Digital Expression	- Story writing- Blog, caption, and script writing- Social media and content formats	12
8	Project / Portfolio / Performance	- Poetry recitation- Presentation or video- Group play or skit- Personal journal	10

2.3 Unit-Wise Breakdown

2.3.1 Unit 1: Functional English Grammar

1. Parts of Speech
2. Tenses and Sentence Structure
3. Voice (Active & Passive)
4. Narration (Direct & Indirect Speech)
5. Modals and Articles

2.3.2 Unit 2: Reading Skills

1. Skimming and Scanning
2. Reading Comprehension Passages
3. Making Inferences and Interpretations

2.3.3 Unit 3: Writing Skills

1. Paragraph and Essay Writing
2. Letter Writing (Formal and Informal)
3. Email Writing
4. Resume, Notice, and Circular Writing

2.3.4 Unit 4: Speaking and Listening Skills

1. Pronunciation and Fluency
2. Group Discussion Techniques
3. Dialogue Writing and Role Play
4. Interview Skills and Listening Tasks

2.3.5 Unit 5: Literature and Language Exposure

1. Prose and Poetry Appreciation

2. Character Analysis and Sketches
3. Theme, Tone, and Vocabulary Enrichment

2.3.6 Unit 6: English for Workplace

1. Report Writing
2. Telephone and Meeting Communication
3. Email Etiquette and Digital Platform Etiquette

2.3.7 Unit 7: Creative and Digital Expression

1. Story Writing
2. Blog, Caption, and Script Writing
3. Social Media Language and Content Formats

2.3.8 Unit 8: Project / Portfolio / Performance

1. Poetry Recitation
2. Presentation or Short Video
3. Group Play or Skit
4. Personal Journal / Portfolio Submission

2.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Workbook, vocabulary, grammar activities
Written Examination	60%	Reading, writing, grammar, comprehension
Project / Practical Tasks	20%	Speaking, presentations, creative writing, viva

2.5 Credit Outcome

Learners will develop:

- Proficiency in functional and formal English usage
- Capability to read, write, and speak in professional and academic environments
- Creative and cultural expression through language
- Confidence in digital communication and workplace interaction
- Critical awareness through literary exposure

Regional Languages

3.0 Hindi

Duration: 80 Hours

Credits: 8 (6 Theory + 2 Practical)

Mapped NCRF Level: 4

3.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop linguistic accuracy and fluency in Hindi.

2. Encourage comprehension, reflection, and expression through prose, poetry, and conversations.
3. Strengthen written and spoken communication for academic, cultural, and professional contexts.
4. Foster creativity and ethical sensitivity through literature and cultural exploration.



3.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	हिंदी भाषा का स्वरूप और प्रयोग	- हिंदी भाषा की उत्पत्ति और विकास - मानक भाषा और बोलियाँ - संप्रेषण कौशल और भाषा की भूमिका	10

2	व्याकरण और रचना	- संज्ञा, सर्वनाम, क्रिया, विशेषण - वाक्य रचना, काल, लिंग, वचन - मुहावरे, लोकोक्तियाँ, शब्द-शुद्धि	10
3	अपठित गद्यांश और पठन कौशल	- अपठित गद्यांश का अभ्यास - मुख्य बिंदुओं का चयन - प्रश्नोत्तर और अभिव्यक्ति कौशल	10
4	रचनात्मक लेखन	- अनुच्छेद, निबंध, डायरी लेखन - पत्र (औपचारिक/अनौपचारिक), ईमेल - रिपोर्ट, संवाद, विज्ञापन लेखन	10
5	हिंदी साहित्य – गद्य खंड	- प्रसिद्ध कहानियाँ और लेख - पात्र, भाषा, संदेश और नैतिक मूल्य - विचार, आलोचना और संवाद	10
6	हिंदी साहित्य – पद्य खंड	- काव्य रचनाएँ (कबीर, तुलसी, महादेवी, बच्चन आदि) - भावार्थ, प्रतीक, छंद, रस	10
7	मीडिया और जनसंचार में हिंदी	- समाचार लेखन, सोशल मीडिया हिंदी - साक्षात्कार, रेडियो/टीवी संवाद - डिजिटल और पत्रकारिता हिंदी	10
8	प्रोजेक्ट / प्रस्तुति / पोर्टफोलियो	- कविता पाठ - काव्य प्रस्तुति या संवाद नाट्य - लेखन प्रतियोगिता - लोक-साहित्य/बोलियों पर कार्य	10

3.3 Unit-Wise Breakdown

3.3.1 Unit 1: Nature and Use of the Hindi Language

1. Origin and development of Hindi
2. Standard language and dialects
3. Communication skills and the role of language

3.3.2 Unit 2: Grammar and Composition

1. Noun, pronoun, verb, adjective
2. Sentence structure, tense, gender, number
3. Idioms, proverbs, and word correction

3.3.3 Unit 3: Unseen Passages and Reading Skills

1. Practice of unseen passages
2. Identifying key points
3. Question-answer and expression skills

3.3.4 Unit 4: Creative Writing

1. Paragraph, essay, and diary writing
2. Letter writing (formal/informal), email writing
3. Report writing, dialogue writing, advertisement writing

3.3.5 Unit 5: Hindi Literature – Prose Section

1. Famous short stories and essays
2. Characters, language, message, and moral values
3. Reflection, critique, and discussion

3.3.6 Unit 6: Hindi Literature – Poetry Section

1. Poetic works (Kabir, Tulsidas, Mahadevi Verma, Harivansh Rai Bachchan, etc.)

2. Interpretation, symbols, meter, aesthetic emotions (Rasa)

3.3.7 Unit 7: Hindi in Media and Mass Communication

1. News writing, social media Hindi
2. Interviews, radio/TV conversations
3. Digital and journalistic Hindi

3.3.8 Unit 8: Project / Presentation / Portfolio

1. Poetry recitation
2. Poetic presentation or dramatic dialogue
3. Writing competitions
4. Work on folk literature and dialects

3.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	अभ्यास पुस्तिका, मौखिक प्रश्नोत्तरी, कक्षा प्रस्तुति
Written Examination	60%	अपठित गद्य, पद्य, व्याकरण, रचनात्मक लेखन

Project / Portfolio	20%	मौखिक प्रस्तुति, लेखन प्रोजेक्ट, स्थानीय भाषा दस्तावेजीकरण
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3.5 Credit Outcome

Learners will:

1. Gain confidence in speaking and writing Hindi with clarity.
2. Appreciate Hindi literature and its role in moral and cultural development.
3. Apply language skills in daily life, media, and the workplace.
4. Connect with regional identity and cultural diversity through Hindi.
5. Participate effectively in debates, discussions, and presentations in Hindi.

4.0 Assamese

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

4.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop proficiency in reading, writing, and speaking the Assamese language.
2. Appreciate Assamese literature, culture, and traditional expressions.
3. Use language as a tool for self-expression, communication, and creativity.
4. Build pride and awareness about the linguistic and cultural heritage of Assam.



4.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours

1	Language Fundamentals	- Assamese alphabet and pronunciation- Parts of speech- Sentence formation and syntax	10
2	Grammar and Composition	- Tense, voice, idioms and proverbs- Letter writing (formal & informal)- Paragraph and essay writing	12
3	Prose Literature	- Selected Assamese prose texts- Comprehension, summary, and critical appreciation	10
4	Poetry and Folk Songs	- Poems by Lakshminath Bezbaroa, Hiren Bhattacharyya, Nabakanta Barua, etc.- Metaphors, rhythm, theme	10
5	Drama and Storytelling	- Traditional tales and modern short stories- Dialogues and monologue writing	10
6	Culture and Regional Identity	- Assamese festivals (Bihu, Baishagu)- Dress, food, folk dances, crafts	10
7	Functional Use and Media Language	- News writing, radio scripts, anchoring- Social media content in Assamese	8
8	Project / Oral Work / Creative Portfolio	- Poem recitation- Skit or storytelling- Local dialect collection- Handwritten magazine	30

4.3 Unit-Wise Breakdown

4.3.1 Unit 1: Language Fundamentals

1. Assamese alphabet and pronunciation
2. Parts of speech
3. Sentence formation and syntax

4.3.2 Unit 2: Grammar and Composition

1. Tense, voice, idioms, and proverbs
2. Letter writing (formal & informal)
3. Paragraph and essay writing

4.3.3 Unit 3: Prose Literature

1. Selected Assamese prose texts
2. Comprehension, summary, and critical appreciation

4.3.4 Unit 4: Poetry and Folk Songs

1. Poems by Lakshminath Bezbaroa, Hiren Bhattacharyya, Nabakanta Barua, and others
2. Use of metaphors, rhythm, and exploration of themes

4.3.5 Unit 5: Drama and Storytelling

1. Traditional folktales and modern short stories
2. Dialogue and monologue writing

4.3.6 Unit 6: Culture and Regional Identity

1. Overview of Assamese festivals such as Bihu and Baishagu
2. Exploration of traditional dress, cuisine, folk dances, and crafts

4.3.7 Unit 7: Functional Use and Media Language

1. Basics of news writing and radio scripting
2. Anchoring and presentation techniques
3. Social media content creation in Assamese

4.3.8 Unit 8: Project / Oral Work / Creative Portfolio

1. Poem recitation
2. Skit or storytelling performance
3. Collection and documentation of local dialects
4. Creation of a handwritten magazine

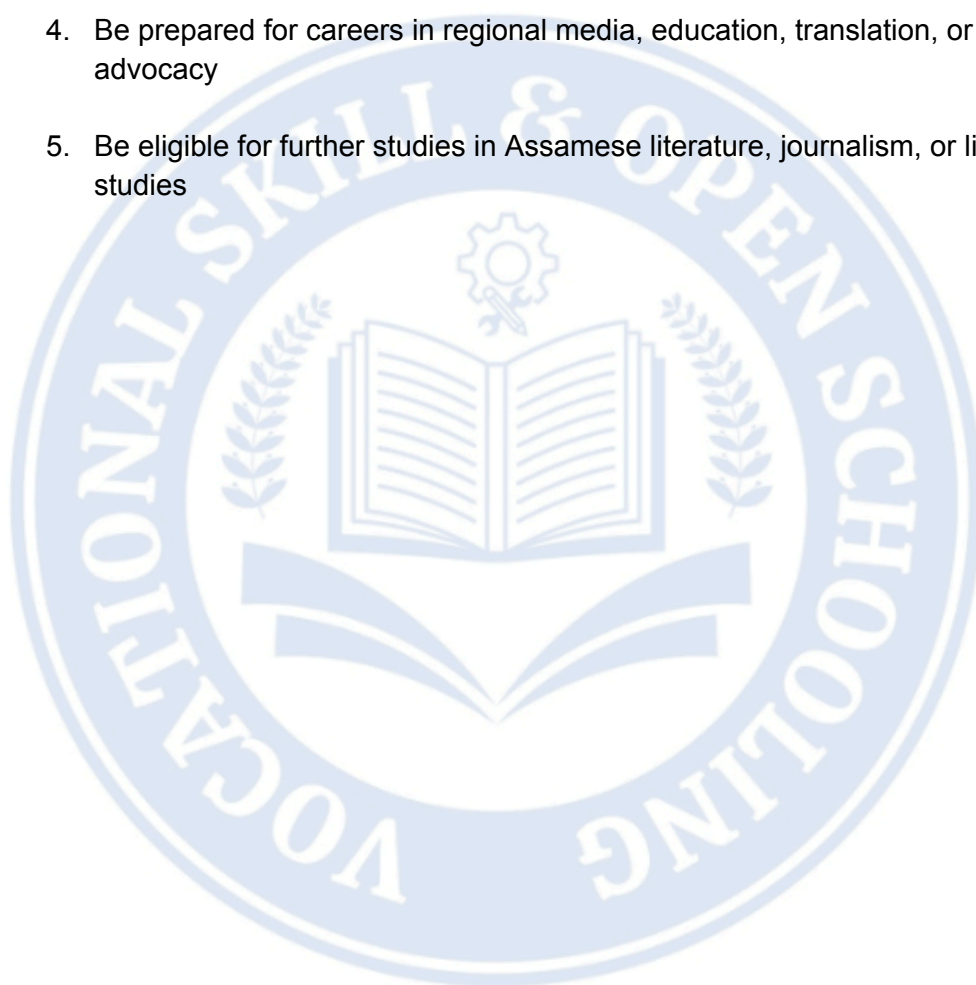
4.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Vocabulary practice, reflection sheets, grammar exercises
Written Examination	50%	Reading comprehension, prose/poetry analysis, grammar and composition
Practical / Project Work	30%	Recitation, skit, interview, cultural research, local word collection

4.5 Credit Outcome

Learners will:

1. Achieve fluency and literacy in reading, writing, and speaking Assamese
2. Gain an in-depth understanding of Assamese literature and culture
3. Be able to express themselves clearly in both personal and professional domains
4. Be prepared for careers in regional media, education, translation, or cultural advocacy
5. Be eligible for further studies in Assamese literature, journalism, or linguistic studies



5.0 Bengali

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

5.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop reading, writing, speaking, and listening skills in Bengali.
2. Understand and appreciate Bengali literature, poetry, and folk traditions.
3. Strengthen the ability to use Bengali in academic, personal, and professional contexts.
4. Foster cultural identity, pride, and communication through language.

5.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Language Basics and Grammar	- Bengali script and pronunciation- Parts of speech, gender, tense- Sentence structure	10
2	Applied Grammar and Composition	- Idioms, proverbs, punctuation- Letter (formal/informal), paragraph, diary, and essay writing	12
3	Prose Literature	- Short stories, memoirs, and essays by Rabindranath Tagore, Bibhutibhushan, Ashapurna Devi, etc.	10
4	Poetry and Literary Devices	- Poems by Kazi Nazrul Islam, Jibanananda Das, Sukanta Bhattacharya- Rhyme, theme, metaphors	10
5	Bengali Drama and Folk Traditions	- Introduction to Bangla natok- Storytelling, jatra, baul, and kirtan forms	10
6	Bengali Culture and Identity	- Festivals (Durga Puja, Pohela Boishakh)- Traditional food, attire, arts, and music	10

7	Functional Bengali and Media Language	- News reports, notices, advertisements- Social media content creation in Bengali	8
8	Practical / Creative Work / Field Project	- Poetry recitation- Cultural project- Wall magazine- Dialect and folklore collection	30

5.3 Unit-Wise Break down

5.3.1 Unit 1: Language Basics and Grammar

1. Bengali script and pronunciation
2. Parts of speech, gender, and tense
3. Sentence structure and syntax

5.3.2 Unit 2: Applied Grammar and Composition

1. Idioms, proverbs, and punctuation
2. Letter writing (formal and informal)
3. Paragraph, diary, and essay writing

5.3.3 Unit 3: Prose Literature

1. Short stories, memoirs, and essays by authors such as Rabindranath Tagore, Bibhutibhushan Bandyopadhyay, and Ashapurna Devi
2. Comprehension and critical appreciation

5.3.4 Unit 4: Poetry and Literary Devices

1. Poems by Kazi Nazrul Islam, Jibanananda Das, Sukanta Bhattacharya
2. Use of rhyme, theme, and metaphors

5.3.5 Unit 5: Bengali Drama and Folk Traditions

1. Introduction to Bangla natok (plays)
2. Storytelling forms like jatra, baul songs, and kirtan traditions

5.3.6 Unit 6: Bengali Culture and Identity

1. Bengali festivals such as Durga Puja and Pohela Boishakh
2. Traditional Bengali cuisine, attire, arts, and music

5.3.7 Unit 7: Functional Bengali and Media Language

1. Writing news reports, notices, and advertisements
2. Social media content creation in Bengali

5.3.8 Unit 8: Practical / Creative Work / Field Project

1. Poetry recitation
2. Cultural or heritage project
3. Creation of a wall magazine
4. Collection and presentation of dialects and folklore

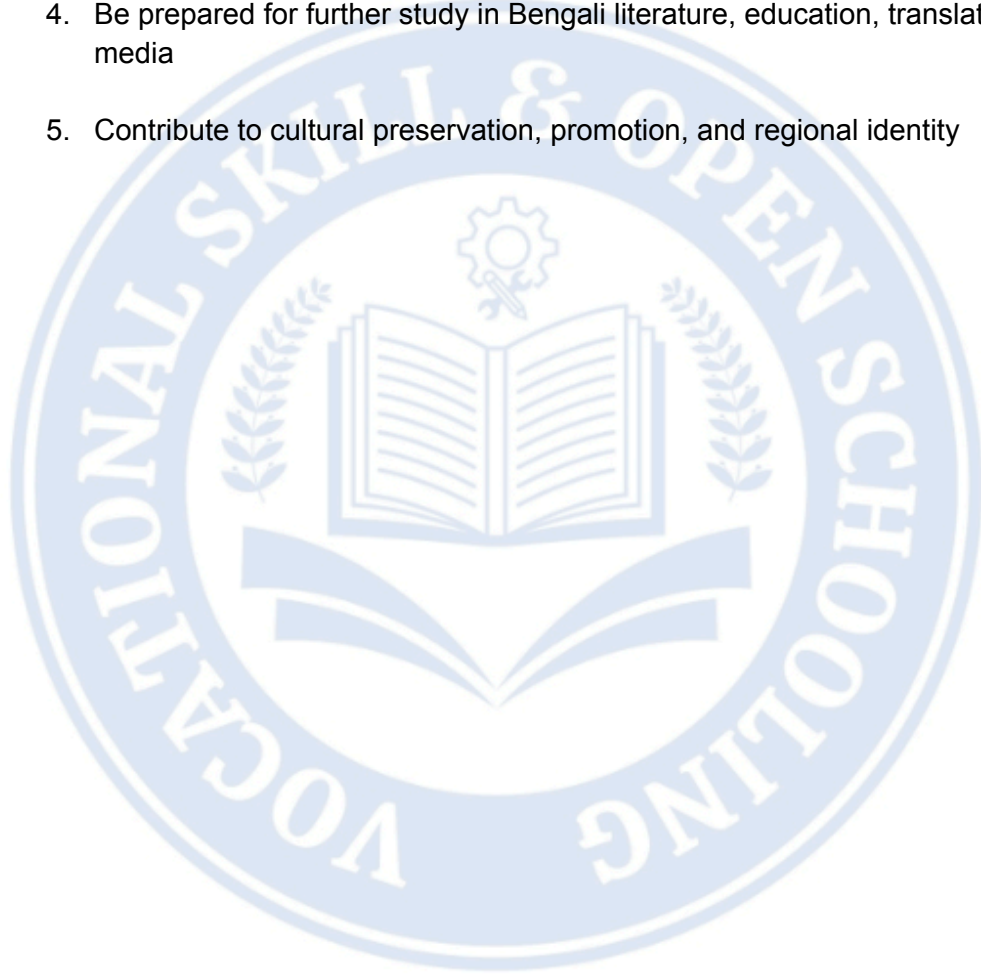
5.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Vocabulary tasks, reading summaries, grammar activities
Written Examination	50%	Comprehension, literary appreciation, grammar and composition
Practical / Project Work	30%	Recitation, storytelling, folk report, wall magazine, viva

5.5 Credit Outcome

Learners will:

1. Master functional and expressive Bengali in spoken and written forms
2. Appreciate the richness of Bengali literature and cultural diversity
3. Use Bengali for communication, storytelling, creative work, and basic professional use
4. Be prepared for further study in Bengali literature, education, translation, or media
5. Contribute to cultural preservation, promotion, and regional identity



6.0 Kannada

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

6.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop reading, writing, and speaking skills in Kannada.
2. Enhance understanding of Kannada literature, folk forms, and regional heritage.
3. Enable effective communication in personal, academic, and professional settings.
4. Encourage critical thinking, creative writing, and cultural expression.

6.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Kannada Language and Grammar Basics	- Kannada script and pronunciation- Sandhi, samasa, gender, number- Sentence structure	10
2	Grammar and Composition	- Idioms, proverbs, punctuation- Letter writing (official/personal), essay, and dialogue writing	12
3	Kannada Prose	- Essays and stories by Kuvempu, Shivaram Karanth, U.R. Ananthamurthy, and others	10
4	Kannada Poetry and Literary Devices	- Poems by Bendre, Gopalakrishna Adiga, K.S. Nissar Ahmed- Rhythm, metaphors, themes	10
5	Folk Literature and Theater	- Janapada kathegalu (folk stories), vachanas, and tatvapadas- Yakshagana and village drama	10
6	Culture and Identity of Karnataka	- Festivals (Dasara, Ugadi, Hampi Utsava)- Food, dress, music, crafts	10
7	Functional Kannada and Media Writing	- News reports, dialogues, scriptwriting- Digital communication in Kannada	8
8	Practical / Portfolio / Cultural Project	- Recitation- Storytelling or skit- Wall magazine- Dialect or proverbs documentation	30

6.3 Unit-Wise Break Down

6.3.1 Unit 1: Kannada Language and Grammar Basics

1. Kannada script and pronunciation
2. Sandhi, samasa, gender, and number
3. Sentence structure and syntax

6.3.2 Unit 2: Grammar and Composition

1. Idioms, proverbs, and punctuation
2. Letter writing (official and personal)
3. Essay writing and dialogue composition

6.3.3 Unit 3: Kannada Prose

1. Selected essays and short stories
2. Works by Kuvempu, Shivaram Karanth, U.R. Ananthamurthy, and others
3. Comprehension and critical reflection

6.3.4 Unit 4: Kannada Poetry and Literary Devices

1. Poems by Bendre, Gopalakrishna Adiga, K.S. Nissar Ahmed
2. Literary devices: rhythm, metaphors, and themes

6.3.5 Unit 5: Folk Literature and Theater

1. Janapada kathegalu (folk stories), vachanas, and tatvapadas
2. Yakshagana and rural theatrical traditions

6.3.6 Unit 6: Culture and Identity of Karnataka

1. Festivals such as Dasara, Ugadi, and Hampi Utsava
2. Traditional food, dress, music, and handicrafts

6.3.7 Unit 7: Functional Kannada and Media Writing

1. Writing news reports, dialogues, and scripts
2. Digital communication and social media content in Kannada

6.3.8 Unit 8: Practical / Portfolio / Cultural Project

1. Poetry recitation
2. Storytelling or skit performance
3. Wall magazine creation
4. Documentation of dialects or traditional proverbs

6.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Grammar exercises, essay drafts, oral summaries
Written Examination	50%	Reading comprehension, prose/poetry analysis, creative writing
Practical / Project Work	30%	Recitation, cultural project, folk interview, or Kannada media creation

6.5 Credit Outcome

Learners will:

1. Acquire fluency in Kannada for academic and workplace communication
2. Gain appreciation for the depth and richness of Kannada literature
3. Express themselves creatively and meaningfully through the language
4. Be prepared for further education in Kannada studies, teaching, journalism, or translation
5. Contribute to the preservation and promotion of Kannada culture

7.0 Malayalam

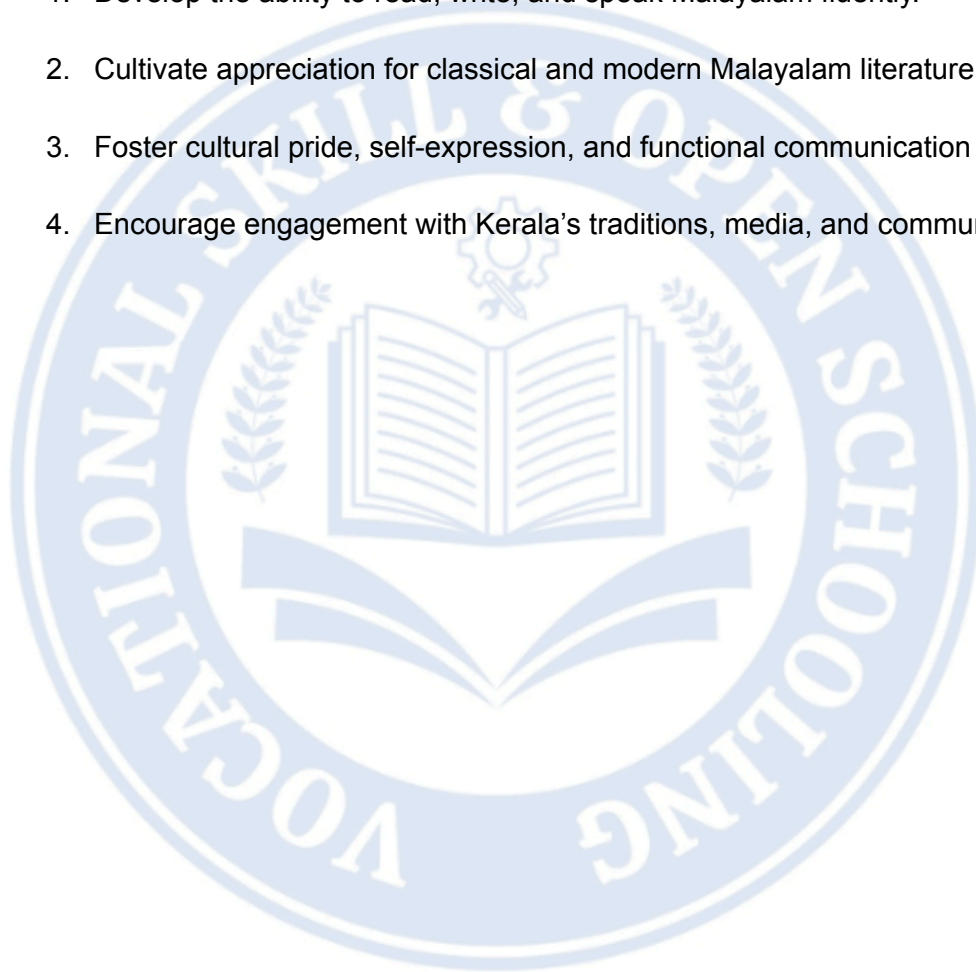
Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

7.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop the ability to read, write, and speak Malayalam fluently.
2. Cultivate appreciation for classical and modern Malayalam literature.
3. Foster cultural pride, self-expression, and functional communication skills.
4. Encourage engagement with Kerala's traditions, media, and community life.



7.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Language Structure and Usage	<ul style="list-style-type: none"> - Malayalam alphabet and phonetics - Parts of speech, sentence formation - Vocabulary building 	10
2	Grammar and Functional Writing	<ul style="list-style-type: none"> - Tenses, sentence transformation - Idioms, proverbs, punctuation - Letter, essay, report writing 	12
3	Prose Literature	<ul style="list-style-type: none"> - Excerpts from Basheer, M.T. Vasudevan Nair, Lalithambika Antharjanam - Comprehension and reflection 	10
4	Poetry and Poetic Expression	<ul style="list-style-type: none"> - Poems by Kumaran Asan, Vyloppilli, Sugathakumari - Literary devices, themes, and rhythms 	10
5	Folk Literature and Local Traditions	<ul style="list-style-type: none"> - Kathakali padams, theyyam narratives, paraya pattukal - Oral traditions and regional tales 	10
6	Malayalam Media and Communication	<ul style="list-style-type: none"> - Newspaper language - Scriptwriting and anchoring - Malayalam in social media 	10
7	Culture and Identity of Kerala	<ul style="list-style-type: none"> - Festivals (Onam, Vishu, Thrissur Pooram) - Art, cuisine, dress, and heritage sites 	8
8	Practical / Project / Creative Portfolio	<ul style="list-style-type: none"> - Recitation, storytelling - Dialect documentation - Local interview or folk art showcase 	30

7.3 Unit wise break down

7.3.1 Unit 1: Language Structure and Usage

1. Malayalam alphabet and phonetics
2. Parts of speech and sentence formation
3. Vocabulary development and contextual usage

7.3.2 Unit 2: Grammar and Functional Writing

1. Use of tenses and sentence transformation
2. Idioms, proverbs, and punctuation
3. Letter, essay, and report writing

7.3.3 Unit 3: Prose Literature

1. Selected excerpts from Vaikom Muhammad Basheer, M.T. Vasudevan Nair, Lalithambika Antharjanam
2. Comprehension, interpretation, and critical reflection

7.3.4 Unit 4: Poetry and Poetic Expression

1. Poems by Kumaran Asan, Vyloppilli, Sugathakumari
2. Exploration of literary devices, themes, and rhythms

7.3.5 Unit 5: Folk Literature and Local Traditions

1. Kathakali padams, theyyam narratives, paraya pattukal
2. Oral storytelling and regional folk narratives

7.3.6 Unit 6: Malayalam Media and Communication

1. Language and style in newspapers
2. Basics of scriptwriting and anchoring
3. Creating digital and social media content in Malayalam

7.3.7 Unit 7: Culture and Identity of Kerala

1. Overview of festivals like Onam, Vishu, and Thrissur Pooram
2. Traditional art forms, cuisine, attire, and heritage monuments

7.3.8 Unit 8: Practical / Project / Creative Portfolio

1. Poetry recitation and storytelling
2. Collection of dialects and regional expressions
3. Field interviews or folk art presentation

7.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Grammar practice, composition, summaries
Written Examination	50%	Reading comprehension, literary interpretation, creative writing
Practical / Project Work	30%	Recitation, cultural study, folk performance, handwritten magazine

7.5 Credit Outcome

Learners will:

1. Achieve fluency in Malayalam and use it in various real-life contexts
2. Appreciate the richness of Malayalam literature and oral traditions
3. Gain confidence in communicating through speech, writing, and media
4. Be prepared for further studies in Malayalam language, journalism, media, or cultural studies
5. Support the preservation and celebration of Kerala's linguistic and cultural identity



8.0 Marathi

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

8.1 Curriculum Objectives (Aligned with NCF 2005)

1. Strengthen the ability to read, write, speak, and comprehend Marathi fluently.
2. Promote an appreciation of Marathi literature, poetry, and folk traditions.
3. Enable learners to use Marathi for communication, cultural participation, and creative expression.
4. Foster understanding of Maharashtra's heritage, values, and linguistic pride.

8.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Language Basics and Grammar	- Marathi script and pronunciation- Parts of speech, sentence structure- Gender, number, tenses	10
2	Applied Grammar and Composition	- Idioms, proverbs, punctuation- Essay, letter, report, dialogue writing	12
3	Marathi Prose and Non-Fiction	- Essays, biographies, and stories by V.S. Khandekar, P.L. Deshpande, Sane Guruji	10
4	Marathi Poetry and Poetic Appreciation	- Poems by Kusumagraj, B. Borkar, Grace, Namdeo Dhasal- Themes, figures of speech, rhythm	10
5	Folk Traditions and Oral Literature	- Bharud, Powada, Lavani, Tamasha- Proverbs and rural storytelling	10
6	Culture and Identity of Maharashtra	- Festivals (Ganeshotsav, Gudi Padwa)- Folk arts, cuisine, regional symbols	10
7	Functional Marathi and Media Language	- News writing, SMS/email, announcements- Use of Marathi in media and administration	8

8	Project / Practical / Cultural Portfolio	- Recitation, speech, story narration- Cultural interview or documentation project	30
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8.3 Unit Wise Break Down

8.3.1 Unit 1: Language Basics and Grammar

1. Marathi script and pronunciation
2. Parts of speech and sentence structure
3. Gender, number, and tenses

8.3.2 Unit 2: Applied Grammar and Composition

1. Idioms, proverbs, and punctuation
2. Essay writing, letter writing, and report drafting
3. Dialogue writing

8.3.3 Unit 3: Marathi Prose and Non-Fiction

1. Selected essays, biographies, and stories by V.S. Khandekar, P.L. Deshpande, and Sane Guruji
2. Comprehension and critical analysis

8.3.4 Unit 4: Marathi Poetry and Poetic Appreciation

1. Poems by Kusumagraj, B. Borkar, Grace, and Namdeo Dhasal
2. Study of themes, figures of speech, and rhythm

8.3.5 Unit 5: Folk Traditions and Oral Literature

1. Introduction to Bharud, Powada, Lavani, and Tamasha
2. Exploration of rural proverbs and oral storytelling traditions

8.3.6 Unit 6: Culture and Identity of Maharashtra

1. Major festivals such as Ganeshotsav and Gudi Padwa
2. Folk arts, cuisine, and regional cultural symbols

8.3.7 Unit 7: Functional Marathi and Media Language

1. Basics of news writing, SMS/email drafting, and public announcements
2. Use of Marathi in media, government, and administrative communication

8.3.8 Unit 8: Project / Practical / Cultural Portfolio

1. Activities like recitation, speeches, and story narration
2. Cultural interviews or documentation of regional practices

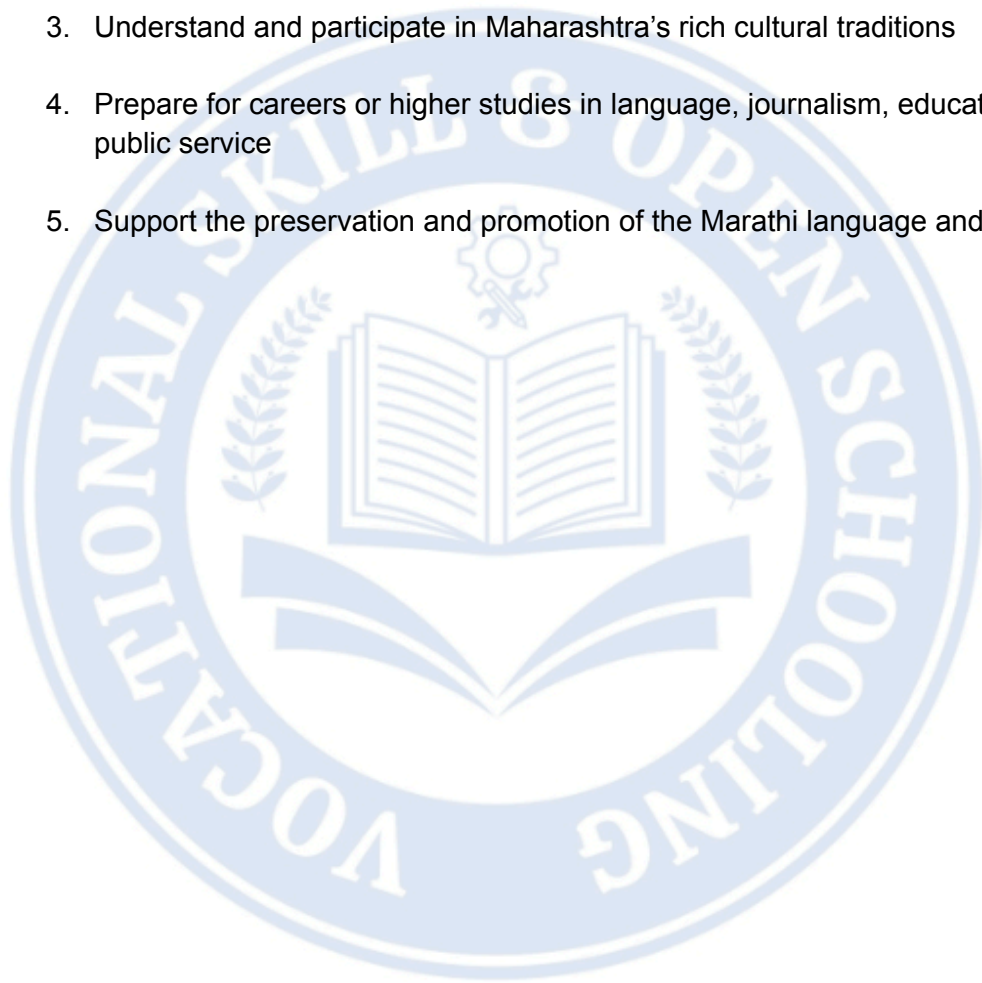
8.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Grammar and writing exercises, reading logs
Written Examination	50%	Comprehension, analysis of prose/poetry, grammar, and composition
Practical / Project Work	30%	Storytelling, folk performance, cultural study, oral presentation

8.5 Credit Outcome

Learners will:

1. Be able to communicate effectively in Marathi in personal and formal settings
2. Appreciate classical and contemporary Marathi literature
3. Understand and participate in Maharashtra's rich cultural traditions
4. Prepare for careers or higher studies in language, journalism, education, or public service
5. Support the preservation and promotion of the Marathi language and identity



9.0 Tamil

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

9.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop proficiency in reading, writing, and speaking Tamil.
2. Foster appreciation for classical, Sangam, and modern Tamil literature.
3. Encourage expression through creative writing and cultural exploration.
4. Promote pride in Tamil heritage, language, and values.



9.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Language Structure and Grammar	- Tamil script and phonetics- Parts of speech, tense, sentence types- Sandhi and Samaasam	10
2	Applied Grammar and Composition	- Proverbs, idioms, punctuation- Letter, essay, and autobiography writing	12
3	Prose Literature	- Works by Bharathiar, Kalki, Pudhumaipithan- Reading comprehension and interpretation	10
4	Poetry and Sangam Literature	- Sangam poems: Kurunthogai, Ainkurunooru- Poems by Bharathidasan, Subramania Bharati	10
5	Folk Literature and Storytelling Traditions	- Therukoothu, Villu Paatu, riddles, oral history- Regional idioms and cultural sayings	10
6	Tamil Culture and Identity	- Tamil festivals (Pongal, Karthigai Deepam)- Food, clothing, architecture, heritage symbols	10
7	Functional Tamil and Media Communication	- News writing, advertisement, SMS, email- Tamil usage in social media and formal communication	8
8	Practical / Project / Portfolio Work	- Recitation- Dialect study or folklore documentation- Cultural program or drama	30

9.3 Unit wise Break Down

9.3.1 Unit 1: Language Structure and Grammar

1. Tamil script and phonetics
2. Parts of speech, tense forms, sentence types
3. Sandhi and Samaasam (word joining and compounding)

9.3.2 Unit 2: Applied Grammar and Composition

1. Use of idioms, proverbs, and punctuation
2. Letter writing, essay writing, and autobiography composition

9.3.3 Unit 3: Prose Literature

1. Prose works by Bharathiar, Kalki, and Pudhumaipithan
2. Reading comprehension and interpretation of texts

9.3.4 Unit 4: Poetry and Sangam Literature

1. Sangam poems: Kurunthogai, Ainkurunooru
2. Modern poems by Bharathidasan and Subramania Bharati
3. Analysis of poetic devices, rhythm, and themes

9.3.5 Unit 5: Folk Literature and Storytelling Traditions

1. Therukoothu, Villu Paatu, riddles, and oral histories
2. Study of regional idioms and cultural expressions

9.3.6 Unit 6: Tamil Culture and Identity

1. Festivals: Pongal, Karthigai Deepam
2. Tamil food, clothing, architecture, and heritage symbols

9.3.7 Unit 7: Functional Tamil and Media Communication

1. News writing, advertisements, SMS, and email
2. Use of Tamil in social media and formal communication

9.3.8 Unit 8: Project / Practical / Cultural Portfolio

1. Recitation, speech, and story narration
2. Cultural interviews or documentation of regional traditions and folklore

9.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Grammar exercises, reflective writing, summaries
Written Examination	50%	Comprehension, prose/poetry analysis, grammar and essay writing
Practical / Project Work	30%	Recitation, group presentation, storytelling, dialect documentation

9.5 Credit Outcome

Learners will:

1. Gain fluency in Tamil language for academic and professional use
2. Appreciate Tamil literature from ancient to modern times
3. Participate actively in cultural, literary, and public discourse
4. Be prepared for careers in Tamil journalism, education, public service, or arts
5. Contribute to the preservation and enrichment of Tamil language and culture

10.Telugu

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

10.1 Curriculum Objectives (Aligned with NCF 2005)

1. Build fluency in reading, writing, and speaking Telugu.
2. Promote an understanding of classical and modern Telugu literature.
3. Enhance cultural connection through folk traditions, arts, and festivals.
4. Enable learners to use Telugu effectively for personal, academic, and social purposes.

10.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Telugu Language Structure & Grammar	<ul style="list-style-type: none"> - Telugu script and pronunciation - Parts of speech, gender, tenses - Sandhi, Samasa, Vibhakti 	10
2	Grammar and Composition	<ul style="list-style-type: none"> - Sentence structure - Proverbs, idioms - Letter, essay, and paragraph writing 	12
3	Prose and Storytelling	<ul style="list-style-type: none"> - Works by Gurajada Apparao, Sri Sri, Chalam - Short stories, essays, dialogues 	10
4	Poetry and Classical Literature	<ul style="list-style-type: none"> - Poems by Nannayya, Pothana, Kaloji, Dasarathi - Folk songs and lyrical traditions 	10
5	Drama and Folk Traditions	<ul style="list-style-type: none"> - Burrakatha, Harikatha, Yakshaganam - Village plays, oral storytelling 	10
6	Culture and Identity of Andhra & Telangana	<ul style="list-style-type: none"> - Festivals (Ugadi, Sankranti, Bathukamma) - Attire, crafts, music, and temple architecture 	10
7	Functional Telugu and Media Writing	<ul style="list-style-type: none"> - Newspaper writing - Script for drama/news - Social media and formal Telugu communication 	8
8	Practical / Project / Cultural Portfolio	<ul style="list-style-type: none"> - Recitation, drama, cultural program - Dialect collection, rural visit report 	30

10.3 Unit Wise Break Down

10.3.1 Unit 1: Telugu Language Structure & Grammar

1. Telugu script and pronunciation
2. Parts of speech, gender, and tenses
3. Sandhi (euphonic combinations), Samasa (compound words), Vibhakti (case suffixes)

10.3.2 Unit 2: Grammar and Composition

1. Sentence structure and usage
2. Common proverbs and idioms
3. Letter writing, essay writing, and paragraph development

10.3.3 Unit 3: Prose and Storytelling

1. Literary works by Gurajada Apparao, Sri Sri, and Chalam
2. Study of short stories, essays, and dialogues

10.3.4 Unit 4: Poetry and Classical Literature

1. Classical poems by Nannayya, Pothana, Kaloji, and Dasarathi
2. Exploration of folk songs and lyrical traditions

10.3.5 Unit 5: Drama and Folk Traditions

1. Performance arts: Burrakatha, Harikatha, Yakshaganam
2. Village plays and oral storytelling techniques

10.3.6 Unit 6: Culture and Identity of Andhra & Telangana

1. Major festivals: Ugadi, Sankranti, Bathukamma
2. Regional attire, crafts, music, and temple architecture

10.3.7 Unit 7: Functional Telugu and Media Writing

1. Writing for newspapers and journalism basics
2. Scriptwriting for drama and news programs
3. Use of Telugu in social media and formal communication

10.3.8 Unit 8: Practical / Project / Cultural Portfolio

1. Activities like recitation, drama performance, and cultural programs
2. Documentation through dialect collection or rural visit reports

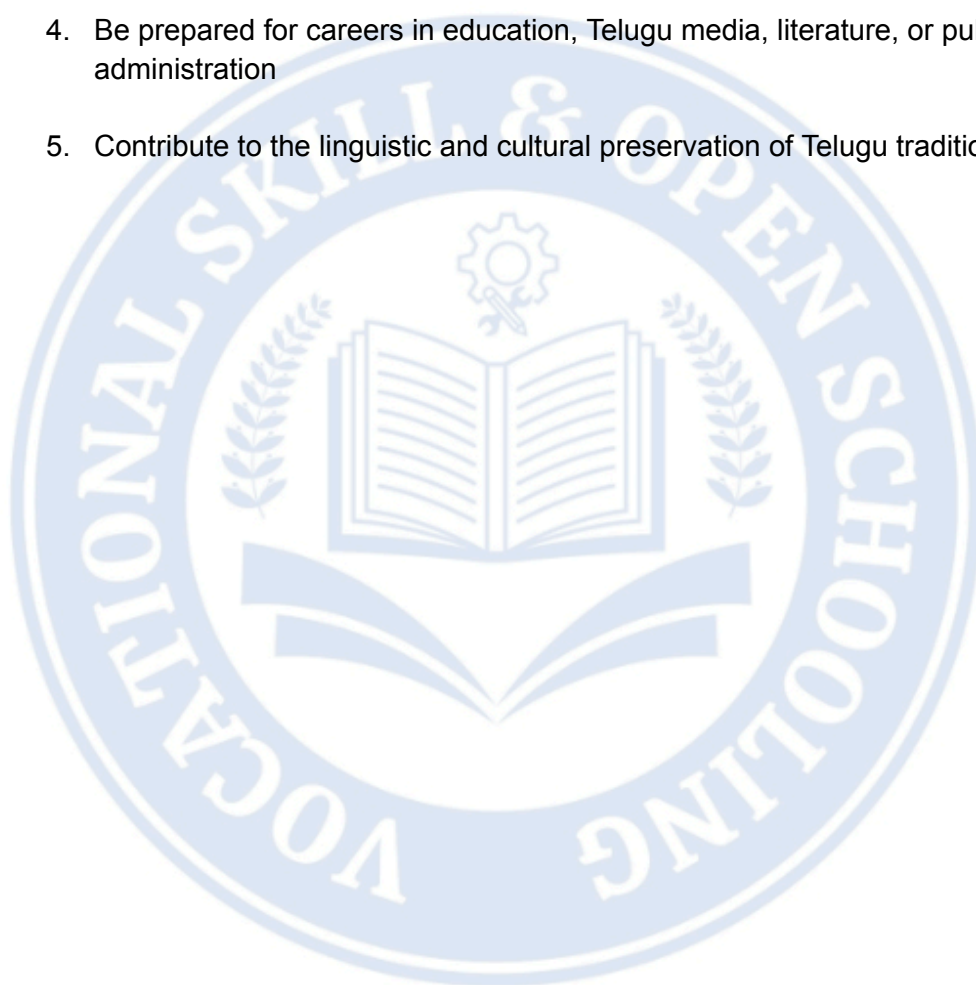
10.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, grammar drills, personal reflections
Written Examination	50%	Comprehension, prose/poetry analysis, grammar and composition
Practical / Project Work	30%	Skits, recitations, folklore documentation, presentation or cultural report

10.5 Credit Outcome

Learners will:

1. Master functional and expressive Telugu in written and spoken forms
2. Appreciate Telugu literary and folk heritage spanning classical to modern times
3. Communicate effectively in regional, professional, and public settings
4. Be prepared for careers in education, Telugu media, literature, or public administration
5. Contribute to the linguistic and cultural preservation of Telugu traditions



11.0 Accountancy

Duration: 100 Hours

Credits: 10 (8 Theory + 2 Practical)

Mapped NCF Level: 4

11.1 Curriculum Objectives (Aligned with NCF 2005)

1. Build a clear understanding of basic accounting principles and procedures.
2. Develop skills in preparation, maintenance, and interpretation of financial records.
3. Apply knowledge of accountancy in real-life business and entrepreneurship.
4. Understand financial literacy, GST, and computerized accounting systems.

11.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Accounting	- Meaning, objectives, and scope of accounting - Types of accounts - Basic terms and concepts	10
2	Accounting Principles and Standards	- GAAP and Accounting Standards - Concepts: Matching, Realization, Accrual, Dual Aspect	10
3	Journal and Ledger	- Journal entries with GST - Ledger posting and balancing	12
4	Cash Book and Bank Reconciliation	- Single, double, and triple column cash books - Bank reconciliation statement	10
5	Trial Balance and Rectification of Errors	- Format and preparation - Types of errors - Rectification and suspense accounts	10
6	Final Accounts (Without and With Adjustments)	- Trading, Profit & Loss A/c - Balance Sheet - Adjustments for outstanding, prepaid, etc.	15
7	Depreciation and Provisions	- Straight line and reducing balance methods - Reserves and provisions	8
8	Computerized Accounting & Tally Basics	- Introduction to accounting software - Creating ledgers, vouchers, reports	10

9	Project / Practical Work / Simulation	- Tally practice - Preparation of business account files - Financial analysis of a small firm	15
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11.3 Unit Wise BreakDown

11.3.1 Unit 1: Introduction to Accounting

1. Meaning, objectives, and scope of accounting
2. Types of accounts: personal, real, nominal
3. Basic accounting terms and concepts

11.3.2 Unit 2: Accounting Principles and Standards

1. Generally Accepted Accounting Principles (GAAP) and Accounting Standards
2. Key concepts: Matching, Realization, Accrual, Dual Aspect

11.3.3 Unit 3: Journal and Ledger

1. Journal entries including GST adjustments
2. Ledger posting, balancing, and classification

11.3.4 Unit 4: Cash Book and Bank Reconciliation

1. Types of cash books: single, double, and triple column
2. Preparation of bank reconciliation statement (BRS)

11.3.5 Unit 5: Trial Balance and Rectification of Errors

1. Format and preparation of trial balance
2. Types of accounting errors and their rectification
3. Use of suspense accounts

11.3.6 Unit 6: Final Accounts (Without and With Adjustments)

1. Preparation of Trading and Profit & Loss Account
2. Preparation of Balance Sheet
3. Adjustments for outstanding expenses, prepaid incomes, etc.

11.3.7 Unit 7: Depreciation and Provisions

1. Depreciation methods: Straight Line and Reducing Balance
2. Creation and treatment of reserves and provisions

11.3.8 Unit 8: Computerized Accounting & Tally Basics

1. Introduction to computerized accounting systems
2. Basics of Tally: ledger creation, voucher entry, report generation

11.3.9 Unit 9: Project / Practical Work / Simulation

1. Practice of entries in Tally or accounting software
2. Preparation of a business account file
3. Financial analysis of a small firm or case study

11.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, journal prep, oral Q&A
Written Examination	60%	Theory questions, numerical problems, accounting formats
Practical / Project Work	20%	Ledger writing, Tally entry, portfolio of business accounts

Credit Outcome

Learners will:

1. Understand and apply accounting concepts and business procedures.
2. Maintain and analyze financial records manually and digitally.
3. Prepare final accounts and GST-ready invoices.
4. Use Tally or similar software to generate financial reports.
5. Be ready for careers in commerce, finance, entrepreneurship, and further B.Com/B.Voc study.

12.0 Biology

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

12.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop foundational understanding of life processes in plants, animals, and humans.
2. Foster inquiry and observation through biological experiments and field work.
3. Link biology to environment, health, agriculture, and biotechnology.
4. Encourage awareness of sustainable living and biodiversity conservation.

12.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Diversity in the Living World	- Characteristics of living beings - Classification: Kingdoms, Binomial nomenclature - Plant & animal kingdoms overview	10

2	Cell – Structure and Functions	- Prokaryotic and eukaryotic cells - Cell organelles - Cell cycle and division	12
3	Genetics and Evolution	- Mendelian inheritance - DNA & RNA basics - Evolution theories and evidences	10
4	Plant Physiology	- Photosynthesis, respiration, transport in plants - Plant growth and hormones	10
5	Human Physiology	- Digestive, circulatory, respiratory, excretory, nervous and endocrine systems	15
6	Reproduction and Development	- Reproduction in plants and humans - Fertilization, growth, and contraception	10
7	Ecology and Environment	- Ecosystem structure - Biodiversity and conservation - Environmental issues and solutions	10
8	Applied Biology and Biotechnology	- Basics of biotechnology - Vaccines, cloning, DNA fingerprinting - Careers in life sciences	8
9	Practical / Project / Field Work	- Dissections (model-based) - Microscope slide work - Plant survey / health poster creation	15

12.3 Unit Wise Break Down

12.3.1 Unit 1: Diversity in the Living World

1. Characteristics of living organisms
2. Classification systems: five kingdoms, binomial nomenclature

3. Overview of plant and animal kingdoms

12.3.2 Unit 2: Cell – Structure and Functions

1. Structure of prokaryotic and eukaryotic cells
2. Functions of cell organelles (nucleus, mitochondria, etc.)
3. Cell cycle and types of cell division

12.3.3 Unit 3: Genetics and Evolution

1. Mendel's laws of inheritance
2. Structure and function of DNA & RNA
3. Theories of evolution and scientific evidences

12.3.4 Unit 4: Plant Physiology

1. Photosynthesis and cellular respiration
2. Transport of water and minerals in plants
3. Plant growth and role of plant hormones

12.3.5 Unit 5: Human Physiology

1. Digestive, circulatory, and respiratory systems
2. Excretory, nervous, and endocrine systems
3. Coordination and control in the human body

12.3.6 Unit 6: Reproduction and Development

1. Modes of reproduction in plants and animals
2. Human reproductive system and fertilization

3. Embryonic development and contraception methods

12.3.7 Unit 7: Ecology and Environment

1. Structure and function of ecosystems
2. Biodiversity, conservation strategies
3. Environmental pollution, global warming, and solutions

12.3.8 Unit 8: Applied Biology and Biotechnology

1. Basic concepts of biotechnology
2. Use of vaccines, cloning, and DNA fingerprinting
3. Career opportunities in biotechnology and life sciences

12.3.9 Unit 9: Practical / Project / Field Work

1. Model-based dissections
2. Microscope observation and slide preparation
3. Field survey of plants or health/environmental poster project

12.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Topic-wise questions, charts, biology glossary
Written Examination	60%	Structured questions: diagrams, concept-based short/long answers

Practical / Project Work	20%	Laboratory work, observation reports, eco-study, viva
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12.5 Credit Outcome

Learners will:

1. Acquire understanding of the structure and functioning of life.
2. Learn scientific method through practicals and observation.
3. Gain skills for biology-linked vocational fields like healthcare, agriculture, and environmental science.
4. Be prepared for further studies in biology, biotechnology, nursing, and allied sciences.



13.0 Business Studies

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

13.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the nature, purpose, and scope of business activities.
2. Explore the fundamentals of trade, commerce, and industry.
3. Develop an entrepreneurial mindset and decision-making abilities.
4. Apply business knowledge through practical activities and projects.

13.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Nature and Purpose of Business	- Concept, characteristics, and classification of business - Objectives of business - Business risks and rewards	10
2	Forms of Business Organization	- Sole proprietorship, partnership, joint stock company - Public and private sector enterprises	12
3	Business Services	- Banking and types of accounts - Insurance and postal services - E-commerce and outsourcing	10
4	Internal Trade	- Types of retail and wholesale trade - Documents used in trade - Role of chambers of commerce	10
5	Emerging Modes of Business	- Online business models - Digital payments, e-banking, UPI - Ethical business practices	10
6	Social Responsibility of Business	- Corporate social responsibility (CSR) - Sustainable business - Environmental ethics	8
7	Principles of Management	- Functions of management: Planning, Organizing, Leading, Controlling - Scientific and administrative theories	10
8	Entrepreneurship Development	- Characteristics and role of entrepreneurs - Start-up ecosystem - Govt. schemes for MSMEs	10

9	Business Project / Practical Work	- Business plan creation - Market survey or case study - Local business interview/report	20
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13.3 Unit Wise Break Down

13.3.1 Unit 1: Nature and Purpose of Business

1. Concept, features, and classification of business activities
2. Objectives of business: economic and social
3. Business risks and the concept of profit as reward

13.3.2 Unit 2: Forms of Business Organization

1. Types of ownership: sole proprietorship, partnership, joint stock company
2. Public sector vs private sector enterprises
3. Cooperative societies and their relevance

13.3.3 Unit 3: Business Services

1. Banking: types of accounts and functions
2. Insurance and postal services
3. Role of e-commerce and outsourcing in modern business

13.3.4 Unit 4: Internal Trade

1. Types of trade: retail and wholesale
2. Important documents used in business transactions (invoice, bill, etc.)
3. Role of chambers of commerce and trade associations

13.3.5 Unit 5: Emerging Modes of Business

1. E-business models and their growth
2. Use of digital payments, UPI, e-banking
3. Importance of ethics in online business environments

13.3.6 Unit 6: Social Responsibility of Business

1. Understanding corporate social responsibility (CSR)
2. Importance of sustainability and green business
3. Ethical issues in business and environmental concerns

13.3.7 Unit 7: Principles of Management

1. Functions of management: Planning, Organizing, Leading, Controlling
2. Scientific management (Taylor) and administrative theory (Fayol)
3. Importance of coordination and decision-making

13.3.8 Unit 8: Entrepreneurship Development

1. Characteristics and functions of entrepreneurs
2. Role of entrepreneurs in economic development
3. Start-up ecosystem and government support schemes (e.g., for MSMEs)

13.3.9 Unit 9: Business Project / Practical Work

1. Creating a business plan or model
2. Conducting a market survey or case study
3. Interviewing a local entrepreneur or reporting on a business setup

13.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Class presentations, worksheets, case analysis
Written Examination	60%	Short/long answers, application-based questions
Project / Practical Work	20%	Business plan, group presentation, report submission

13.5 Suggested Projects / Practicals

1. Prepare a business plan for a small enterprise (e.g., cafe, boutique, coaching class)
2. Conduct a market survey on consumer habits (e.g., grocery shopping, digital payments)
3. Interview a local entrepreneur or shop owner
4. Create a flowchart for banking services
5. Poster on sustainable and ethical business practices

13.6 Credit Outcome

Learners will:

1. Understand how businesses function in the real economy
2. Develop skills in organization, communication, and strategic planning
3. Explore opportunities in self-employment, commerce, and start-ups
4. Be prepared for higher studies in business administration, B.Com, or B.Voc Entrepreneurship.

14.0 Chemistry

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

14.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand fundamental concepts of physical, inorganic, and organic chemistry.
2. Develop the ability to apply chemistry in everyday life, industry, and environment.
3. Perform basic chemical experiments with accuracy and safety.
4. Explore links between chemistry, sustainability, and innovations in science.

14.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Structure of Atom & Periodic Table	- Atomic models - Quantum numbers - Modern periodic table and trends	10
2	Chemical Bonding and States of Matter	- Ionic, covalent, coordinate bonds - VSEPR theory - Gases, liquids, and intermolecular forces	10
3	Thermodynamics and Equilibrium	- Laws of thermodynamics - Enthalpy, entropy - Chemical equilibrium and Le Chatelier's principle	10

4	Acids, Bases, and Electrochemistry	- pH, strength of acids/bases - Conductivity, redox reactions - Electrochemical cells	10
5	Organic Chemistry – Basics	- Nomenclature and classification - Hydrocarbons, alcohols, acids, esters - Polymer basics	12
6	Inorganic Chemistry – Elements & Compounds	- Group properties, periodicity - s- and p-block elements - Extraction and uses of metals	10
7	Environmental & Applied Chemistry	- Green chemistry - Air/water pollution, biodegradable materials - Everyday applications	8
8	Chemistry Practical and Project Work	- Laboratory techniques - Salt analysis, titration - Investigatory project/report	20

14.3 Unit Wise Break Down

14.3.1 Unit 1: Structure of Atom & Periodic Table

1. Atomic models: Thomson, Rutherford, Bohr
2. Quantum numbers and electronic configuration
3. Modern periodic table, periodic trends in properties

14.3.2 Unit 2: Chemical Bonding and States of Matter

1. Types of bonds: ionic, covalent, coordinate
2. VSEPR theory and molecular geometry
3. States of matter: gases and liquids, intermolecular forces

14.3.3 Unit 3: Thermodynamics and Equilibrium

1. First and second laws of thermodynamics
2. Concepts of enthalpy, entropy, and internal energy
3. Chemical equilibrium, Le Chatelier's principle

14.3.4 Unit 4: Acids, Bases, and Electrochemistry

1. Concepts of pH, acidic and basic strength
2. Electrolytic conductivity and redox reactions
3. Electrochemical cells and their applications

14.3.5 Unit 5: Organic Chemistry – Basics

1. Nomenclature and classification of organic compounds
2. Structure and reactions of hydrocarbons, alcohols, acids, esters
3. Basics of polymers and their uses

14.3.6 Unit 6: Inorganic Chemistry – Elements & Compounds

1. Group properties and trends in the periodic table
2. Characteristics of s- and p-block elements
3. Metal extraction processes and their applications

14.3.7 Unit 7: Environmental & Applied Chemistry

1. Introduction to green chemistry principles
2. Environmental issues: air and water pollution
3. Role of chemistry in daily life: soaps, plastics, medicines

14.3.8 Unit 8: Chemistry Practical and Project Work

1. Basic laboratory techniques and safety rules
2. Experiments: salt analysis, titration, pH testing
3. Investigatory project or chemistry-based field study

14.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, formula review, periodic table chart
Written Examination	60%	Theory questions, chemical equations, problem-solving
Practical / Project Work	20%	Lab reports, viva, model/project on chemical process

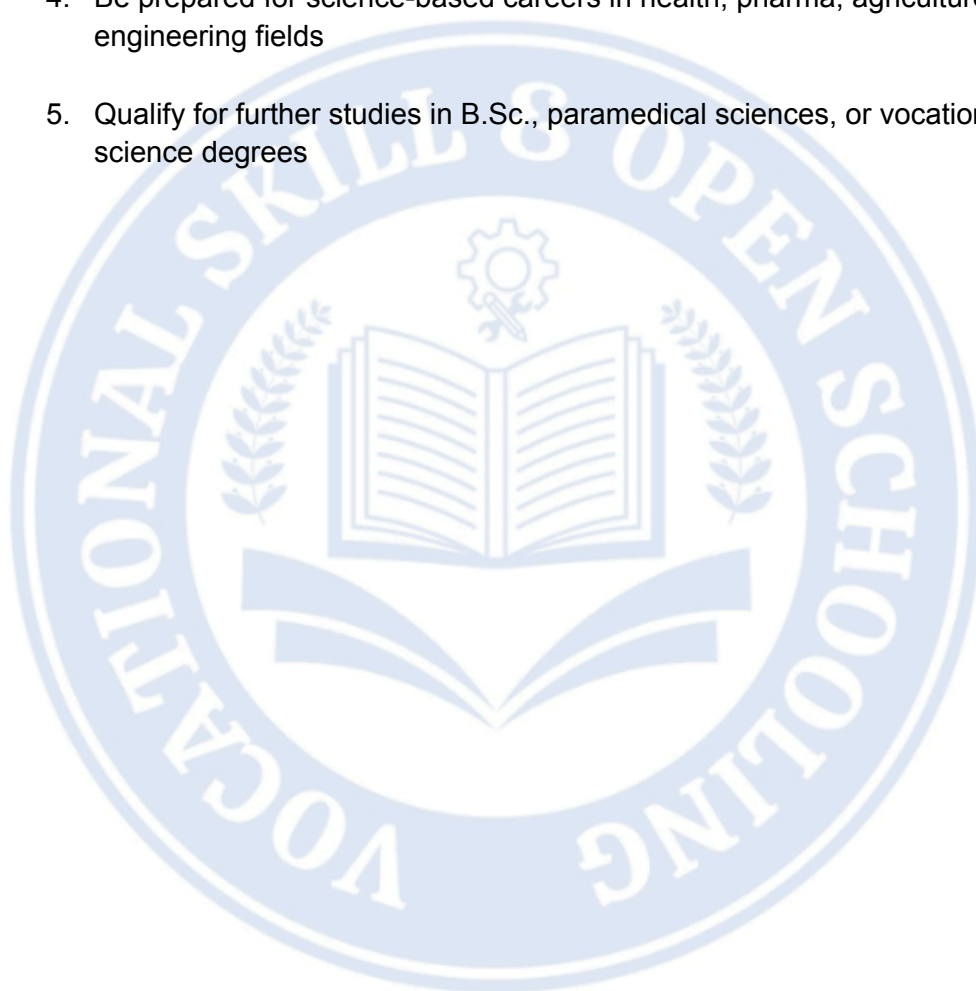
14.5 Suggested Practicals / Projects

1. Prepare crystals of common salt or copper sulfate
2. Test pH of common substances using indicators
3. Titration between acid and base
4. Detection of functional groups (alcohol, acid, etc.)
5. Flame test for metal salts
6. Project: "Role of Chemistry in Agriculture" or "Homemade Natural Cleaners"

14.6 Credit Outcome

Learners will:

1. Gain strong conceptual and experimental grounding in chemistry
2. Learn the role of chemistry in life, environment, and industry
3. Develop safe lab habits, reporting skills, and critical thinking
4. Be prepared for science-based careers in health, pharma, agriculture, and engineering fields
5. Qualify for further studies in B.Sc., paramedical sciences, or vocational science degrees



15.0 Digital Literacy & Computer Science

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

15.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop essential computer and internet skills for education, career, and daily life.
2. Understand basic computer hardware, software, and digital communication tools.
3. Learn basic programming logic and data processing techniques.
4. Practice safe, responsible, and creative digital engagement.

15.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Computers	- Evolution and generations of computers - Hardware: CPU, memory, I/O devices - Software types	10
2	Operating Systems and File Management	- Windows/Linux basics - Creating, saving, organizing files/folders - Control Panel & settings	10
3	Word Processing and Spreadsheets	- MS Word / Google Docs: typing, formatting, tables - Excel/Sheets: formulas, charts, data entry	10
4	Internet, Email, and Digital Citizenship	- Web browsers, search engines, downloads - Email writing and etiquette - Online safety & privacy	10
5	Social Media & Digital Communication	- WhatsApp, YouTube, blogging - Cyber hygiene, misinformation, online collaboration	10
6	Introduction to Programming	- Algorithm, flowcharts - Basics of Python: input/output, loops, conditionals	10
7	Data & Multimedia Skills	- File formats: text, image, audio, video - Introduction to presentation tools (PPT, Canva)	10
8	Emerging Technologies & IT Careers	- Cloud computing, AI, IoT (intro only) - Freelancing, digital marketing, e-governance jobs	8

9	Practical / Project Work	- Resume creation - Presentation project - Coding mini-task or blog setup	22
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15.3 Unit Wise Break Down

15.3.1 Unit 1: Introduction to Computers

1. Evolution and generations of computers
2. Basic hardware components: CPU, memory, input/output devices
3. Types of software: system, application, utility

15.3.2 Unit 2: Operating Systems and File Management

1. Basics of Windows and Linux operating systems
2. Creating, saving, and managing files and folders
3. Using the Control Panel and system settings

15.3.3 Unit 3: Word Processing and Spreadsheets

1. MS Word / Google Docs: typing, formatting, inserting tables and images
2. Excel / Google Sheets: formulas, charts, and data entry

15.3.4 Unit 4: Internet, Email, and Digital Citizenship

1. Using web browsers, search engines, and downloads
2. Writing professional emails and understanding email etiquette
3. Online safety, cyberbullying, and digital privacy

15.3.5 Unit 5: Social Media & Digital Communication

1. Platforms like WhatsApp, YouTube, and blogging tools
2. Understanding cyber hygiene and identifying misinformation
3. Tools for online collaboration and communication

15.3.6 Unit 6: Introduction to Programming

1. Basics of algorithms and flowcharts
2. Introduction to Python programming: input/output, loops, conditionals

15.3.7 Unit 7: Data & Multimedia Skills

1. Common file formats: text, image, audio, video
2. Creating presentations using tools like MS PowerPoint and Canva

15.3.8 Unit 8: Emerging Technologies & IT Careers

1. Introduction to cloud computing, AI, and IoT
2. Career options in freelancing, digital marketing, and e-governance

15.3.9 Unit 9: Practical / Project Work

1. Resume design and formatting
2. Creating a digital presentation project
3. Mini coding task or setting up a basic blog

15.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, keyboard drills, oral viva
Written Examination	40%	Theory: MCQs, short/long answers, diagrams
Practical & Project Work	40%	MS Word/Excel task, Email writing, Python code, digital poster

15.5 Suggested Projects / Practicals

1. Design a simple CV using MS Word
2. Create a sales tracker using Excel with formulas
3. Build a basic Python quiz or calculator
4. Create a personal blog or Google Site
5. Poster on "Digital India & Cyber Security"
6. Present a slideshow using PowerPoint or Canva

15.6 Credit Outcome

Learners will:

1. Gain digital literacy essential for employability and everyday life
2. Be able to handle documents, spreadsheets, emails, and online tools
3. Write basic programs and understand computational thinking
4. Practice ethical, secure, and productive use of the internet
5. Be eligible for IT-based diploma courses, internships, or further B.Voc / BCA studies

16.0 Economics

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

16.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand basic economic concepts, principles, and systems.
2. Analyze the functioning of an economy at micro and macro levels.
3. Apply economic reasoning to daily life, entrepreneurship, and national development.
4. Develop skills in data interpretation, financial decision-making, and budgeting.

16.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Economics	- Meaning, scope and types (micro/macro) - Wants, resources, and economic problems	10
2	Basic Economic Terms and Concepts	- Goods and services - Utility, demand, supply - Market, price, income, consumption	10
3	Microeconomics – Consumer & Producer Behavior	- Law of demand and supply - Elasticity - Cost, revenue, and profit basics	10

4	Macroeconomics – National Income	- Concepts: GDP, GNP, NDP, per capita income - Economic growth vs development	10
5	Money and Banking	- Functions of money - Types of banks (RBI, commercial, cooperative) - Credit, digital banking	10
6	Government and the Economy	- Budget and taxation - Public expenditure - Fiscal deficit and subsidies	10
7	Indian Economy – Structure and Challenges	- Sectors: Agriculture, Industry, Services - Employment, poverty, inflation, inequality	10
8	Financial Literacy and Everyday Economics	- Budgeting, savings, investment - GST, UPI, banking apps - Economics in household decisions	8
9	Project / Practical Work	- Data collection (local price trends, income surveys) - Case studies - Graph/chart work	22

16.3 Unit Wise Break Down

16.3.1 Unit 1: Introduction to Economics

1. Meaning and scope of economics
2. Types: Microeconomics and Macroeconomics
3. Concepts of human wants, limited resources, and the central economic problems

16.3.2 Unit 2: Basic Economic Terms and Concepts

1. Goods and services
2. Concepts of utility, demand, and supply
3. Understanding market, price, income, and consumption

16.3.3 Unit 3: Microeconomics – Consumer & Producer Behavior

1. Law of demand and law of supply
2. Price elasticity of demand and supply
3. Basics of cost, revenue, and profit

16.3.4 Unit 4: Macroeconomics – National Income

1. Key terms: GDP, GNP, NDP, per capita income
2. Difference between economic growth and economic development

16.3.5 Unit 5: Money and Banking

1. Functions and characteristics of money
2. Types of banks: RBI, commercial, cooperative
3. Credit creation and introduction to digital banking

16.3.6 Unit 6: Government and the Economy

1. Budget: meaning and components
2. Role of taxation and public expenditure
3. Concepts of fiscal deficit and subsidies

16.3.7 Unit 7: Indian Economy – Structure and Challenges

1. Structure of Indian economy: agriculture, industry, services
2. Issues: employment, poverty, inflation, and inequality

16.3.8 Unit 8: Financial Literacy and Everyday Economics

1. Household budgeting, saving, and investment options
2. GST, UPI, banking apps, and digital transactions
3. Role of economics in personal and family decision-making

16.3.9 Unit 9: Project / Practical Work

1. Data collection on local markets or price trends
2. Case studies on real-life economic issues
3. Graphical presentation and interpretation of data

16.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, definitions, short answers
Written Examination	60%	Theory paper: diagrams, graphs, reasoning questions
Project / Practical Work	20%	Mini survey, budget prep, interview, or report with charts

16.5 Suggested Practical Projects

1. Prepare a family budget and compare with income
2. Study inflation trends using newspaper data
3. Survey of banking habits in your locality
4. Poster: “How GST Impacts Daily Purchases”
5. Chart: GDP growth of India in past 5 years
6. Group discussion: “Is Digital India Changing Rural Economy?”

16.6 Credit Outcome

Learners will:

1. Understand economic terms and apply them in daily decision-making
2. Gain awareness of India’s economic structure, policies, and challenges
3. Be able to analyze financial news and economic data
4. Build budgeting, saving, and investment habits
5. Be ready for higher studies in economics, commerce, business, or public policy

17.0 Family & Community Studies

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

17.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the roles, responsibilities, and values within families and communities.
2. Develop life management skills including nutrition, health, budgeting, and interpersonal relations.
3. Foster empathy, civic engagement, and community participation.
4. Promote environmental consciousness, gender sensitivity, and sustainable home practices.

17.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Understanding Family and Society	- Types of families and changing roles - Gender roles, rights, and responsibilities - Family bonding and conflict resolution	10
2	Personal Development and Life Skills	- Time management - Emotional intelligence and stress handling - Goal setting, decision-making	10
3	Health, Nutrition and Hygiene	- Balanced diet and food groups - Common illnesses and prevention - First aid and sanitation	12

4	Budgeting and Resource Management	- Family budgeting - Saving, income, expenditure - Time, energy, and space management	10
5	Child Care and Elderly Support	- Child development stages - Caring for elderly and differently-abled - Empathy and support	10
6	Community Engagement and Social Work	- Community health, safety, and awareness programs - NGOs and government welfare schemes	10
7	Environment and Sustainable Living	- Waste management, upcycling, and eco-friendly habits - Water and energy conservation	8
8	Project / Field Work / Practical	- Meal planning - Budget chart preparation - Community visit and reporting - Cleanliness drive	30

17.3 Unit Wise Break Down

17.3.1 Unit 1: Understanding Family and Society

1. Types of families: nuclear, joint, and single-parent
2. Changing roles within the family and society
3. Gender roles, individual rights and responsibilities
4. Importance of family bonding and conflict resolution

17.3.2 Unit 2: Personal Development and Life Skills

1. Time management techniques
2. Emotional intelligence and handling stress
3. Goal setting and decision-making skills

17.3.3 Unit 3: Health, Nutrition and Hygiene

1. Components of a balanced diet and food groups
2. Common illnesses and their prevention
3. Basic first aid and importance of personal hygiene and sanitation

17.3.4 Unit 4: Budgeting and Resource Management

1. Preparing a simple family budget
2. Understanding savings, income, and expenditure
3. Efficient use of time, energy, and household space

17.3.5 Unit 5: Child Care and Elderly Support

1. Stages of child development and basic caregiving
2. Supporting the elderly and differently-abled individuals
3. Building empathy, patience, and care-based responsibility

17.3.6 Unit 6: Community Engagement and Social Work

1. Basics of community health and safety awareness
2. Participating in social welfare and awareness drives
3. Understanding the role of NGOs and government welfare schemes

17.3.7 Unit 7: Environment and Sustainable Living

1. Waste management and upcycling at home
2. Water and energy conservation practices
3. Developing eco-friendly habits for daily life

17.3.8 Unit 8: Project / Field Work / Practical

1. Planning balanced meals for a family
2. Preparing and presenting a family budget chart
3. Conducting a cleanliness or awareness drive
4. Visiting a community center or preparing a field visit report

17.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Case studies, reflective writing, home assignments
Written Examination	50%	Short/long answer questions, life situation analysis
Practical / Project Work	30%	Fieldwork, meal prep, budgeting activity, presentation, viva

17.5 Suggested Practical Tasks / Projects

1. Create a family budget plan for a month
2. Prepare a balanced meal and present its nutritional chart
3. Conduct a cleanliness drive or awareness session in the community
4. Write a report on visiting an old-age home or anganwadi
5. Poster on “Role of Women in Family & Society” or “Child Safety”
6. Set up a corner garden or recycle household waste creatively

17.6 Credit Outcome

Learners will:

1. Acquire essential life skills for personal, social, and professional spheres
2. Manage home and relationships with empathy and responsibility
3. Understand family dynamics, child care, and elderly support
4. Be motivated for careers in social work, education, home science, or community development
5. Qualify for further studies in human development, home science, psychology, or vocational caregiving

18.0 Geography

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

18.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the basic structure and processes of the Earth and its systems.
2. Analyze the interaction between natural resources and human activities.
3. Develop map reading, observation, and field data collection skills.
4. Encourage environmental awareness, regional understanding, and sustainable planning.

18.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Earth as a Planet	- Shape and structure of the Earth - Latitude, longitude, time zones - Earth's rotation and revolution	10
2	Landforms and Earth's Interior	- Weathering, erosion, and deposition - Plate tectonics, volcanoes, earthquakes - Mountains, plains, plateaus	10
3	Atmosphere and Weather	- Composition and layers of atmosphere - Temperature, pressure, winds - Indian monsoon and cyclones	10

4	Water Resources	- Hydrological cycle - Rivers, lakes, oceans - Floods and water conservation	10
5	Natural Vegetation and Wildlife	- Types of forests and grasslands - Conservation of biodiversity - Wildlife reserves and sanctuaries	10
6	Human Geography	- Population, migration, and urbanization - Settlements and transport systems - Agriculture and industries	12
7	Indian Geography and Regional Studies	- Physiographic divisions of India - Climate, soils, and resources - States, languages, and culture	10
8	Practical / Map Skills / Project	- Topographic maps - Weather symbols - Field observation or local survey	28

18.3 Unit Wise Break Down

18.3.1 Unit 1: Earth as a Planet

1. Shape and internal structure of the Earth
2. Latitude, longitude, and calculation of time zones
3. Earth's rotation and revolution and their effects

18.3.2 Unit 2: Landforms and Earth's Interior

1. Processes of weathering, erosion, and deposition
2. Basics of plate tectonics, types of volcanoes, and causes of earthquakes
3. Formation and features of mountains, plains, and plateaus

18.3.3 Unit 3: Atmosphere and Weather

1. Composition and structure of the atmosphere
2. Elements of weather: temperature, air pressure, and winds
3. Features of the Indian monsoon and occurrence of cyclones

18.3.4 Unit 4: Water Resources

1. The hydrological cycle and distribution of water bodies
2. Major rivers, lakes, and oceans of the world
3. Causes and management of floods, and importance of water conservation

18.3.5 Unit 5: Natural Vegetation and Wildlife

1. Major types of forests and grasslands
2. Importance of biodiversity and conservation efforts
3. Overview of wildlife sanctuaries and national parks

18.3.6 Unit 6: Human Geography

1. Population distribution, migration trends, and urbanization
2. Types of settlements and modes of transport
3. Major agricultural practices and industrial regions

18.3.7 Unit 7: Indian Geography and Regional Studies

1. Physical divisions of India (Himalayas, plains, plateau, coastal areas, islands)
2. Indian climate patterns, types of soils, and natural resources
3. Cultural diversity: states, languages, and regional identities

18.3.8 Unit 8: Practical / Map Skills / Project

1. Reading and interpreting topographic maps
2. Use of weather symbols and forecasting basics
3. Conducting a field survey or preparing a local area study report

18.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Short answers, worksheets, home maps
Written Examination	50%	Conceptual & descriptive questions, case studies
Practical / Project Work	30%	Map skills, field reports, presentations, local data collection

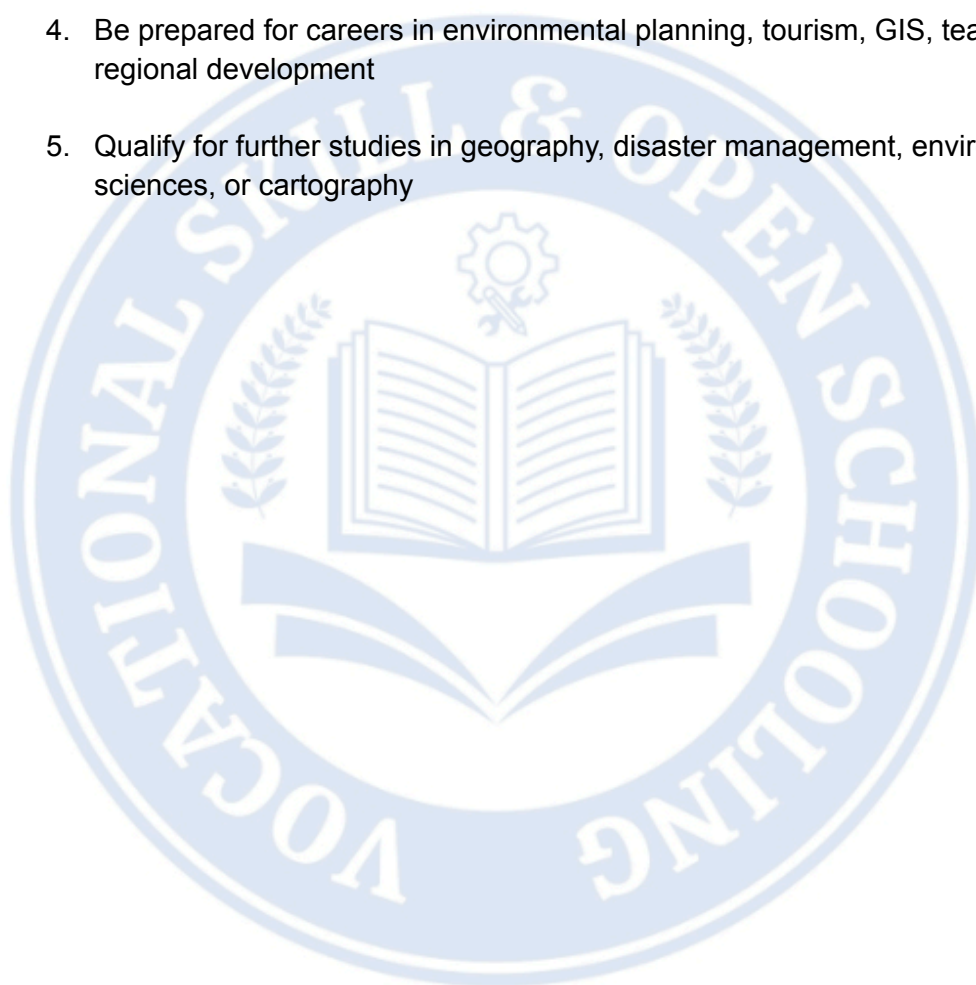
18.5 Suggested Practical Activities / Projects

1. Draw India's physical and political maps by hand
2. Prepare a local rainfall or temperature chart using newspaper data
3. Conduct a local resource survey (water, soil, transport)
4. Write a report on deforestation or urban growth in your area
5. Create a working model of a river basin or weather instrument
6. Poster: "Save Forests, Save Future" or "Smart Cities vs. Villages"

18.6 Credit Outcome

Learners will:

1. Understand physical, social, and environmental aspects of geography
2. Read and interpret maps, charts, and satellite imagery
3. Apply geographical knowledge to real-life civic, environmental, and economic situations
4. Be prepared for careers in environmental planning, tourism, GIS, teaching, or regional development
5. Qualify for further studies in geography, disaster management, environmental sciences, or cartography



19.0 Law, Justice & Governance

Duration: 80 Hours

Credits: 8 (6 Theory + 2 Practical)

Mapped NCRF Level: 4

19.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop basic understanding of the Indian legal and governance system.
2. Build awareness about rights, duties, and the working of democratic institutions.
3. Promote civic sense, legal literacy, and active citizenship.
4. Enable learners to connect laws to everyday life and justice delivery.

19.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Constitution of India	- Preamble, Fundamental Rights and Duties - Directive Principles - Structure of the Constitution	10
2	Indian Legal System	- Types of laws (civil, criminal, constitutional) - Sources of law - Basic legal terminology	10
3	Judiciary and Justice Delivery	- Courts structure: Supreme Court, High Courts, District Courts - Lok Adalats, PIL, RTI	10
4	Criminal and Civil Laws (Introduction)	- IPC and CrPC overview - Basic laws related to theft, assault, marriage, and contracts	10

5	Governance and Administration	- Role of the Executive - Centre-State relations - Bureaucracy and governance systems	10
6	Law in Daily Life	- Consumer rights - Labor laws - Cyber laws - Gender and equality laws	10
7	Democracy, Citizenship & Participation	- Elections and voting rights - Political participation - Role of youth in democracy	10
8	Practical / Project / Role Play	- Mock trials - RTI application practice - Legal aid camp visit/report	10

19.3 Unit Wise Break Down

19.3.1 Unit 1: Constitution of India

1. The Preamble, Fundamental Rights and Duties
2. Directive Principles of State Policy
3. Basic structure and significance of the Constitution

19.3.2 Unit 2: Indian Legal System

1. Types of laws: civil, criminal, constitutional
2. Sources of Indian law: customs, statutes, precedents
3. Introduction to basic legal terms and concepts

19.3.3 Unit 3: Judiciary and Justice Delivery

1. Hierarchy of courts: Supreme Court, High Courts, District and Sessions Courts
2. Lok Adalats and Alternative Dispute Resolution (ADR)
3. Public Interest Litigation (PIL) and Right to Information (RTI)

19.3.4 Unit 4: Criminal and Civil Laws (Introduction)

1. Overview of IPC (Indian Penal Code) and CrPC (Criminal Procedure Code)
2. Common laws related to theft, assault, marriage, and civil contracts

19.3.5 Unit 5: Governance and Administration

1. Structure and role of the Executive: President, Prime Minister, Governor, etc.
2. Centre-State relations and federalism
3. Role of bureaucracy and administrative functioning

19.3.6 Unit 6: Law in Daily Life

1. Consumer protection and rights
2. Basic labor laws and worker protections
3. Cyber laws: privacy, security, and digital safety
4. Laws promoting gender justice and equality

19.3.7 Unit 7: Democracy, Citizenship & Participation

1. Election process and importance of voting
2. Political participation and constitutional duties of citizens
3. Role of youth in democratic governance

19.3.8 Unit 8: Practical / Project / Role Play

1. Conducting mock trials or debates on legal issues
2. Drafting or filing an RTI application
3. Visit to a legal aid camp or writing a report on a community legal issue

19.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Definitions, case examples, short notes
Written Examination	60%	Rights-based questions, legal terms, situational analysis
Practical / Project Work	20%	Mock legal activity, community survey, poster/report on a law

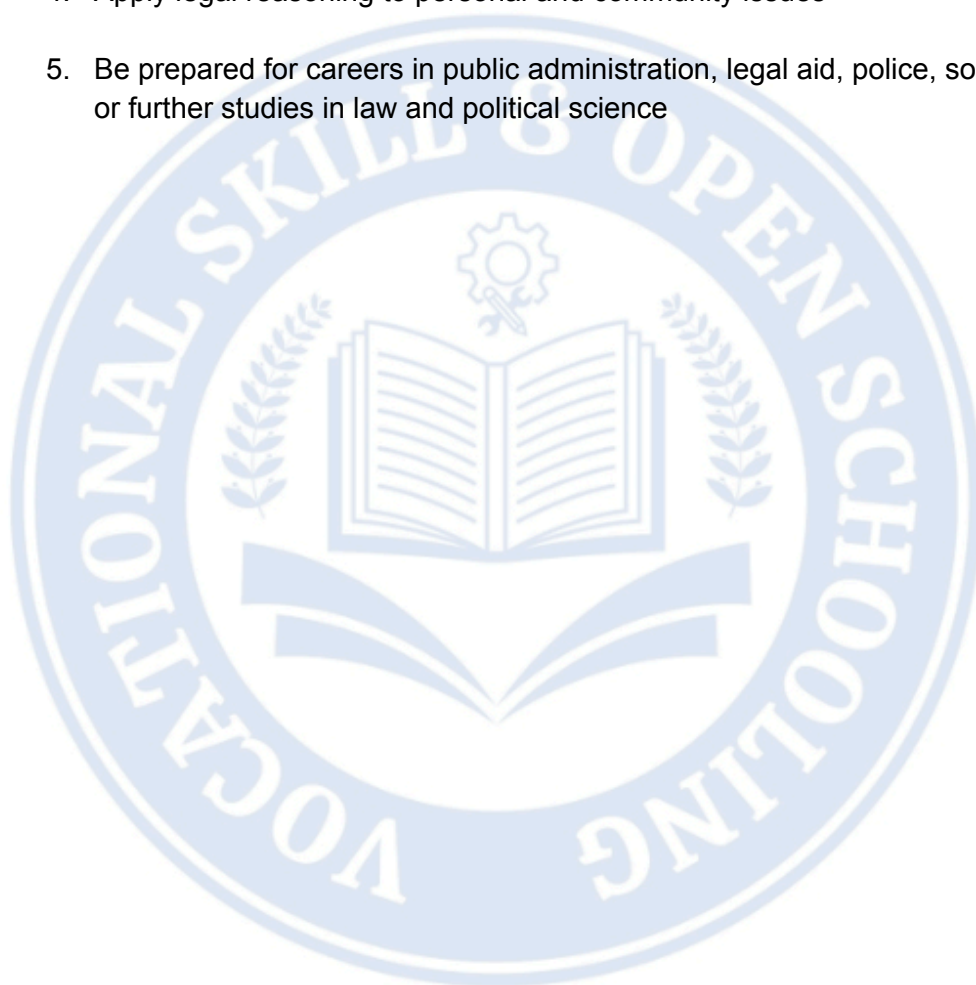
19.5 Suggested Projects / Practical Activities

1. Draft a basic RTI application on a public issue
2. Conduct a role-play of a court scene or Lok Adalat
3. Interview a local government official or lawyer
4. Make a poster on Fundamental Rights or Cyber Safety Laws
5. Write a report on how a legal issue (e.g., domestic violence, theft) is handled
6. Visit a police station, panchayat, or municipal office (if feasible)

19.6 Credit Outcome

Learners will:

1. Understand how the Indian legal and governance systems function
2. Be aware of their rights, duties, and legal remedies
3. Develop citizenship values and civic participation skills
4. Apply legal reasoning to personal and community issues
5. Be prepared for careers in public administration, legal aid, police, social work, or further studies in law and political science



20.0 Mathematics

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

20.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop logical reasoning, numerical skills, and problem-solving abilities.
2. Promote understanding of mathematical principles through practical contexts.
3. Strengthen foundational knowledge for higher education and workplace use.
4. Enable learners to apply mathematics in financial, vocational, and technological fields.

20.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Number Systems & Basic Algebra	- Rational and irrational numbers - Polynomials - Linear equations and inequalities	12
2	Functions and Graphs	- Relations and functions - Domain, range, and graphical interpretation	8
3	Commercial Mathematics & Applications	- Profit and loss - Simple and compound interest - Installments and percentage calculations	10
4	Coordinate Geometry	- Cartesian plane - Distance, section, and midpoint formula - Equation of a line	10

5	Geometry and Mensuration	- Circles, triangles, and quadrilaterals - Surface areas and volumes of solids	10
6	Trigonometry Basics	- Trigonometric ratios - Identities and applications - Heights and distances	10
7	Statistics and Data Handling	- Mean, median, mode - Bar graphs, pie charts, histograms - Use of real-life data	10
8	Probability and Logical Reasoning	- Basic probability concepts - Simple logical puzzles and reasoning problems	10
9	Practical / Project Work	- Budget planning using percentages - Statistical data collection and analysis - Math in markets or banking	20

20.3 Unit Wise Break Down

20.3.1 Unit 1: Number Systems & Basic Algebra

1. Rational and irrational numbers and their properties
2. Polynomials and operations on them
3. Solving linear equations and inequalities

20.3.2 Unit 2: Functions and Graphs

1. Understanding relations and functions
2. Concepts of domain and range
3. Graphical interpretation of linear and simple nonlinear functions

20.3.3 Unit 3: Commercial Mathematics & Applications

1. Calculating profit and loss
2. Simple and compound interest
3. Installments, discounts, and percentage-based applications

20.3.4 Unit 4: Coordinate Geometry

1. Basics of the Cartesian plane and plotting points
2. Distance formula, section formula, and midpoint formula
3. Derivation and graph of the equation of a line

20.3.5 Unit 5: Geometry and Mensuration

1. Properties of circles, triangles, and quadrilaterals
2. Surface area and volume of cubes, cuboids, cylinders, cones, and spheres

20.3.6 Unit 6: Trigonometry Basics

1. Introduction to trigonometric ratios
2. Fundamental identities and simple applications
3. Problems based on heights and distances

20.3.7 Unit 7: Statistics and Data Handling

1. Calculation of mean, median, and mode
2. Representation through bar graphs, pie charts, and histograms
3. Handling real-life data sets for analysis

20.3.8 Unit 8: Probability and Logical Reasoning

1. Basic probability concepts and events
2. Introduction to logical reasoning through simple puzzles and number patterns

20.3.9 Unit 9: Practical / Project Work

1. Creating a family or school budget using percentage calculations
2. Collecting, presenting, and interpreting statistical data
3. Exploring applications of math in markets, banking, or business settings

20.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, skill drills, concept reviews
Written Examination	60%	Short and long answer problems, graphs, applications
Practical / Project Work	20%	Data handling, budget exercises, models, real-life math surveys

20.5 Suggested Practical Projects / Activities

1. Prepare a family budget and calculate monthly savings
2. Collect and represent data from a local shop (sales, pricing, etc.)
3. Draw graphs of interest growth using compound interest formula
4. Create 3D models of geometrical solids
5. Solve practical measurement problems (room area, water usage, etc.)

20.6 Credit Outcome

Learners will:

1. Strengthen numerical aptitude, algebraic reasoning, and spatial understanding
2. Apply math to daily decisions like budgeting, measurements, and data analysis
3. Prepare for further studies in commerce, science, data analysis, or vocational tech fields
4. Be equipped with skills useful in entrepreneurship, banking, retail, and digital services

21.0 Physics

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCF Level: 4

21.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the laws and principles governing physical phenomena.
2. Develop the ability to apply physics in everyday life, technology, and industry.
3. Perform basic experiments to reinforce conceptual understanding.
4. Stimulate logical reasoning, observation skills, and scientific inquiry.

21.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Physical World and Measurement	- Nature and scope of physics - SI units - Measurements and errors	8
2	Kinematics and Laws of Motion	- Motion in straight line and plane - Newton's laws - Circular motion	10
3	Work, Energy, and Power	- Work done by a force - Kinetic and potential energy - Power and mechanical energy	8
4	Gravitation and Mechanics	- Universal law of gravitation - Free fall, mass vs. weight - Satellites and orbits	10

5	Heat and Thermodynamics	- Temperature and heat - Thermal expansion - Laws of thermodynamics	10
6	Oscillations and Waves	- Types of waves - Sound waves - Simple harmonic motion	8
7	Electricity and Magnetism	- Ohm's Law, resistance, current - Magnetic effects - Domestic circuits and safety	12
8	Light and Optics	- Reflection, refraction, lenses - Human eye, image formation - Uses in daily life	8
9	Practical / Project Work	- Lab experiments - Demonstrations - Models and investigations	26

21.3 Unit wise Break Down

21.3.1 Unit 1: Physical World and Measurement

1. Nature and scope of physics
2. SI units and systems of measurement
3. Types of errors and accuracy in measurement

21.3.2 Unit 2: Kinematics and Laws of Motion

1. Motion in a straight line and in a plane
2. Newton's three laws of motion
3. Uniform circular motion and real-life applications

21.3.3 Unit 3: Work, Energy, and Power

1. Concept of work and types of forces
2. Kinetic and potential energy
3. Power and conservation of mechanical energy

21.3.4 Unit 4: Gravitation and Mechanics

1. Universal law of gravitation
2. Concepts of free fall, mass vs. weight
3. Satellite motion and orbits

21.3.5 Unit 5: Heat and Thermodynamics

1. Temperature, heat, and thermal expansion
2. Heat transfer methods
3. First and second laws of thermodynamics

21.3.6 Unit 6: Oscillations and Waves

1. Types of waves: mechanical and electromagnetic
2. Sound waves and their properties
3. Simple harmonic motion (SHM) and examples

21.3.7 Unit 7: Electricity and Magnetism

1. Ohm's Law, resistance, and electric current
2. Magnetic effects of current and electromagnetism
3. Domestic electric circuits, fuses, and safety measures

21.3.8 Unit 8: Light and Optics

1. Reflection and refraction of light
2. Working of lenses and mirrors
3. Image formation and the human eye
4. Optical devices used in everyday life

21.3.9 Unit 9: Practical / Project Work

1. Basic lab experiments in mechanics, optics, and electricity
2. Demonstrations using everyday materials
3. Creating models or conducting investigations

21.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Concept reviews, problem-solving worksheets
Written Examination	60%	Numerical, theory, diagram-based questions
Practical / Project Work	20%	Lab experiments, reports, viva, and working model/project

21.5 Suggested Practicals / Projects

1. Measure acceleration due to gravity using pendulum
2. Verify Ohm's Law using resistors
3. Create a working model of a periscope or pinhole camera
4. Demonstrate series and parallel circuits
5. Solar cooker model or wind turbine model
6. Project: "Physics in Sports" or "Physics in Vehicles"

21.6 Credit Outcome

Learners will:

1. Understand and apply key concepts of mechanics, electricity, heat, light, and waves
2. Gain practical skills in measurement, observation, and scientific reasoning
3. Be able to relate physics to real-life problems and technological innovations
4. Be prepared for further studies in science, engineering, and vocational technology programs

22.0 Subject: Political Science

Duration: 80 Hours

Credits: 8 (6 Theory + 2 Practical)

Mapped NCRF Level: 4

22.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the philosophy, structure, and functioning of Indian democracy.
2. Analyze the role of institutions, political processes, and governance systems.
3. Develop awareness of rights, duties, justice, and the Constitution.
4. Encourage active citizenship and political participation in a democratic society.

22.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Constitution and Democratic Values	- Features of the Indian Constitution - Preamble, FRs, DPSPs - Democracy vs. other systems	10
2	Organs of Government	- Legislature, Executive, Judiciary - Separation of powers - Checks and balances	10
3	Federalism and Local Governance	- Centre-State relations - Panchayati Raj and Municipal bodies - 73rd & 74th Amendments	10
4	Electoral System and Political Parties	- Voting rights, EVMs, Model Code of Conduct - National and regional parties - Role of media	10

5	Rights, Justice and Citizenship	- Fundamental Rights and Duties - Justice: Social, Economic, Political - Active citizenship	10
6	India's Foreign Policy & Global Affairs	- NAM, SAARC, UN - Global peace and diplomacy - India's relations with neighbors	10
7	Contemporary Political Issues	- Human rights, secularism, gender, environment - Political protests, civil society, RTI	10
8	Practical / Project / Debate Work	- Mock parliament - Poster making - Political awareness survey or constitution quiz	10

22.3 Unit Wise Break Down

22.3.1 Unit 1: Constitution and Democratic Values

1. Key features of the Indian Constitution
2. Preamble, Fundamental Rights (FRs), and Directive Principles (DPSPs)
3. Comparison of democracy with monarchy, dictatorship, and other political systems

22.3.2 Unit 2: Organs of Government

1. Structure and functions of the Legislature, Executive, and Judiciary
2. Principle of separation of powers
3. System of checks and balances in governance

22.3.3 Unit 3: Federalism and Local Governance

1. Division of powers between Centre and States
2. Role and structure of Panchayati Raj and Municipal bodies
3. Importance of the 73rd and 74th Constitutional Amendments

22.3.4 Unit 4: Electoral System and Political Parties

1. Voting rights, use of EVMs, and Model Code of Conduct
2. Features of national and regional political parties
3. Role of media in elections and political awareness

22.3.5 Unit 5: Rights, Justice and Citizenship

1. Fundamental Rights and Duties of citizens
2. Concept of justice: social, economic, and political
3. Importance of active and responsible citizenship

22.3.6 Unit 6: India's Foreign Policy & Global Affairs

1. Overview of Non-Aligned Movement (NAM), SAARC, and the United Nations
2. India's role in promoting global peace and diplomacy
3. India's foreign relations with neighboring countries

22.3.7 Unit 7: Contemporary Political Issues

1. Debates on human rights, secularism, and gender equality
2. Environmental movements and activism
3. Role of civil society, political protests, and the Right to Information (RTI)

22.3.8 Unit 8: Practical / Project / Debate Work

1. Conducting a mock parliament session
2. Creating political posters or infographics
3. Political awareness surveys or quizzes on the Constitution

22.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Essay writing, political cartoon analysis, short reflections
Written Examination	60%	Descriptive, analytical and concept-based questions
Practical / Project Work	20%	Role play, debates, group presentations, survey reports

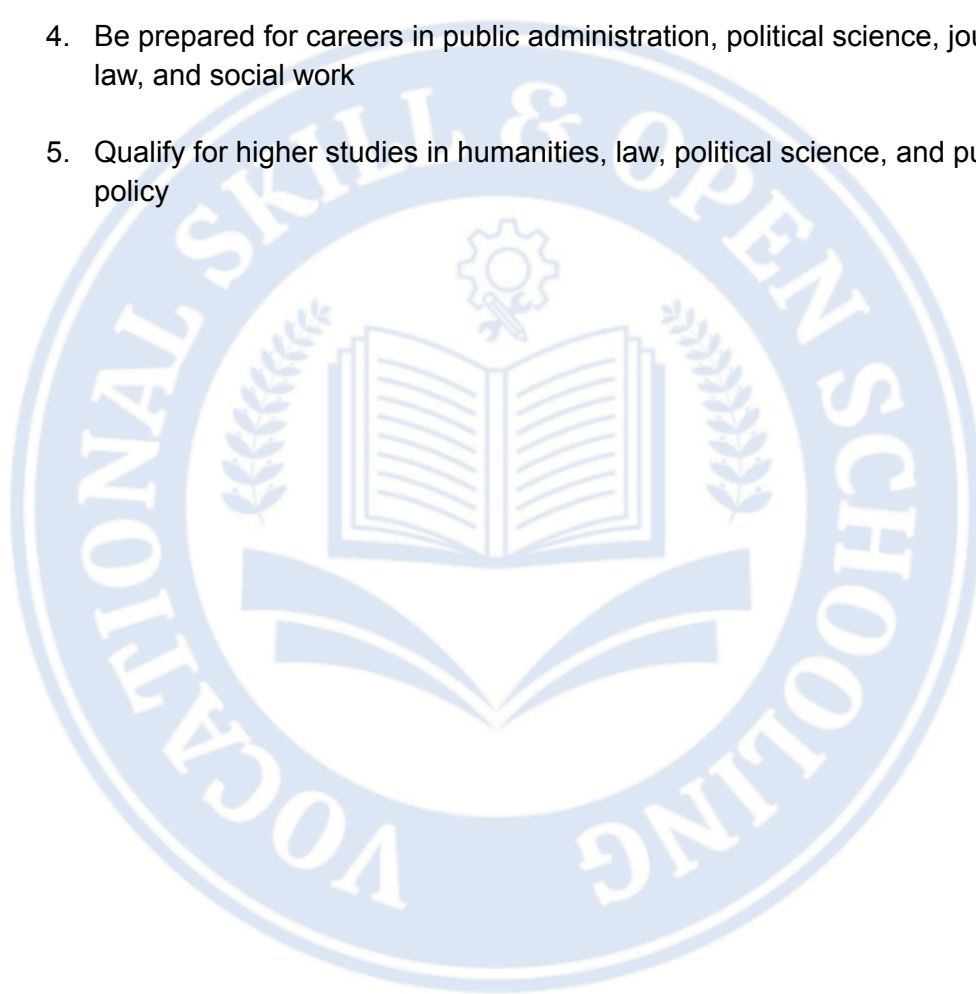
22.5 Suggested Projects / Practical Activities

1. Conduct a mock election with student roles
2. Create a political party manifesto project
3. Write a letter to your local MLA on a civic issue
4. Debate: "Is India truly democratic?"
5. Make a poster on "Know Your Constitution" or "Vote Smart"
6. Visit a Gram Panchayat/Municipal office (if accessible)

22.6 Credit Outcome

Learners will:

1. Grasp core principles of democratic governance, justice, and constitutional law
2. Participate in community, electoral, and social engagement with awareness
3. Analyze current events with political insight and constitutional reasoning
4. Be prepared for careers in public administration, political science, journalism, law, and social work
5. Qualify for higher studies in humanities, law, political science, and public policy



23.0 Psychology

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

23.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand human behavior, emotions, personality, and mental processes.
2. Develop empathy, self-awareness, and communication skills.
3. Apply psychological concepts to personal growth, relationships, and community well-being.
4. Introduce the basics of counseling, motivation, and learning psychology.

23.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Psychology	- Definition and goals - Branches and applications - Importance in daily life	10
2	Methods of Psychology	- Observation, interview, questionnaire - Experimental method - Case study	10
3	Human Development and Growth	- Stages: childhood to old age - Physical, cognitive, emotional growth	10
4	Learning and Memory	- Classical & operant conditioning - Types of memory, forgetting, mnemonics	10

5	Motivation and Emotion	- Needs and drives - Intrinsic/extrinsic motivation - Emotional intelligence	10
6	Personality and Adjustment	- Types and theories of personality (Freud, Jung, etc.) - Defense mechanisms - Adjustment problems	10
7	Stress and Mental Health	- Causes and effects of stress - Coping strategies - Basics of mental health and wellbeing	10
8	Psychology in Everyday Life	- Role in education, workplace, family - Basics of counselling and self-help	10
9	Practical / Project Work	- Conduct experiments - Case profiling - Mood board/journal/logbook	20

23.3 Unit Wise Break Down

23.3.1 Unit 1: Introduction to Psychology

1. Definition, nature, and goals of psychology
2. Branches of psychology and their applications
3. Relevance of psychology in everyday life

23.3.2 Unit 2: Methods of Psychology

1. Techniques: observation, interview, and questionnaire
2. Experimental method and its significance
3. Case study approach and psychological analysis

23.3.3 Unit 3: Human Development and Growth

1. Life span stages: childhood, adolescence, adulthood, old age
2. Physical, cognitive, and emotional development across stages

23.3.4 Unit 4: Learning and Memory

1. Learning theories: classical and operant conditioning
2. Types of memory: sensory, short-term, and long-term
3. Causes of forgetting and memory improvement techniques (mnemonics)

23.3.5 Unit 5: Motivation and Emotion

1. Types of motivation: needs, drives, intrinsic and extrinsic
2. Theories of emotion and emotional development
3. Importance of emotional intelligence and self-regulation

23.3.6 Unit 6: Personality and Adjustment

1. Major personality theories: Freud, Jung, trait theories
2. Types of personality and assessment tools
3. Defense mechanisms and coping with adjustment problems

23.3.7 Unit 7: Stress and Mental Health

1. Causes and symptoms of stress
2. Strategies for stress management and resilience building
3. Introduction to mental health and psychological wellbeing

23.3.8 Unit 8: Psychology in Everyday Life

1. Role of psychology in education, workplace, and family
2. Basics of counselling, active listening, and self-help strategies

23.3.9 Unit 9: Practical / Project Work

1. Conducting simple psychological experiments or surveys
2. Profiling a subject using case study method
3. Maintaining a personal journal, mood board, or daily logbook

23.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Concept notes, reflection essays, presentations
Written Examination	60%	Descriptive and application-based theory questions
Practical / Project Work	20%	Case studies, psychology survey, experiments, viva

23.5 Suggested Practical Activities / Projects

1. Create a stress diary for 5 days and analyze triggers
2. Conduct a basic personality inventory (MBTI-style)
3. Observe learning behaviors in a classroom or home setting
4. Make a poster: “10 Ways to Support Mental Health”
5. Maintain a gratitude journal or emotion logbook
6. Interview a teacher/parent on changes in adolescent behavior

23.6 Credit Outcome

Learners will:

1. Understand behavior, thought, emotions, and interpersonal dynamics
2. Build foundational skills in observation, counseling, and emotional regulation
3. Be better prepared for social service, caregiving, teaching, and community engagement
4. Pursue higher education in psychology, counseling, human development, education, or nursing

24.0 Sociology

Duration: 100 Hours

Credits: 10 (7 Theory + 3 Practical)

Mapped NCRF Level: 4

24.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand human society, institutions, and social processes.
2. Develop sociological thinking, observation, and analysis.
3. Appreciate diversity, equity, and interdependence in communities.
4. Promote active citizenship, cultural sensitivity, and social responsibility.

24.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Sociology	- Definition, nature, and scope - Sociological imagination and perspective - Importance in daily life	10
2	Society, Culture, and Institutions	- Elements of culture - Norms, values, beliefs - Institutions: family, marriage, education, religion	10
3	Social Groups and Stratification	- Primary and secondary groups - Caste, class, gender, and ethnicity - Inequality and discrimination	10
4	Socialization and Identity	- Agents of socialization - Role of media and peers - Social roles and statuses	10

5	Social Change and Development	- Factors of change: technology, education, reforms - Rural and urban transformation	10
6	Indian Society: Unity and Diversity	- Language, religion, region, and caste - Challenges: communalism, migration, regionalism	10
7	Contemporary Social Issues	- Youth and education - Gender roles and domestic violence - Environment and consumerism	10
8	Practical / Project / Fieldwork	- Case study - Interview or survey - Community observation - Poster/report making	30

24.3 Unit Wise Break Down

24.3.1 Unit 1: Introduction to Sociology

1. Definition, nature, and scope of sociology
2. Understanding sociological imagination and perspective
3. Importance of sociology in everyday life

24.3.2 Unit 2: Society, Culture, and Institutions

1. Elements of culture: symbols, language, values, norms
2. Social institutions: family, marriage, education, religion
3. Role of cultural practices in shaping society

24.3.3 Unit 3: Social Groups and Stratification

1. Types of groups: primary and secondary
2. Forms of social stratification: caste, class, gender, and ethnicity
3. Issues of inequality, exclusion, and discrimination

24.3.4 Unit 4: Socialization and Identity

1. Process and stages of socialization
2. Agents of socialization: family, school, media, peers
3. Formation of social roles, statuses, and identity

24.3.5 Unit 5: Social Change and Development

1. Factors leading to social change: technology, reforms, education
2. Rural and urban transformation
3. Social movements and their impact

24.3.6 Unit 6: Indian Society: Unity and Diversity

1. Diversity in language, religion, region, caste
2. Concepts of national integration and pluralism
3. Challenges: communalism, migration, regionalism

24.3.7 Unit 7: Contemporary Social Issues

1. Youth and the education system
2. Gender inequality and domestic violence
3. Environmental concerns and the rise of consumerism

24.3.8 Unit 8: Practical / Project / Fieldwork

1. Conducting a case study
2. Community-based interviews or surveys
3. Observation reports, poster-making, or visual documentation

24.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Concept reflections, group activities, presentations
Written Examination	60%	Descriptive and analytical questions, case-based essays
Practical / Project Work	20%	Fieldwork report, group project, chart/poster presentation

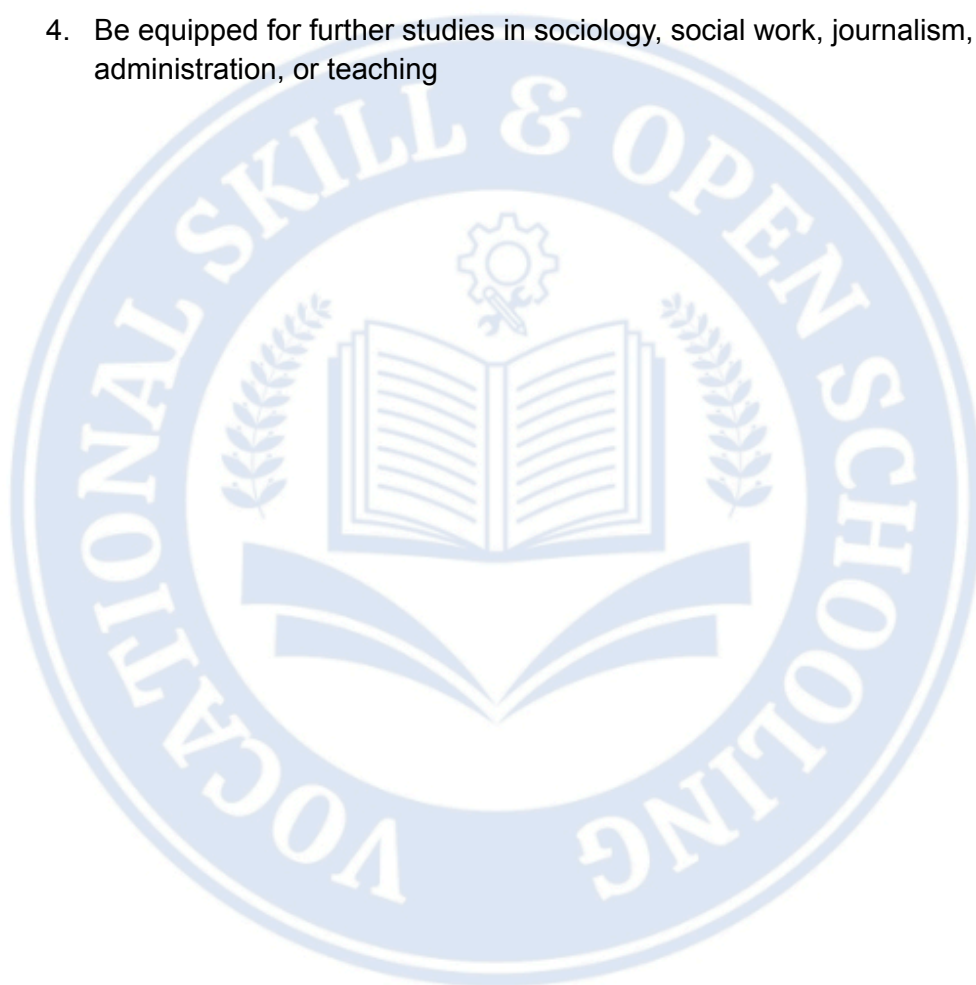
24.5 Suggested Practical Activities / Projects

1. Interview 3 individuals from different age groups on social norms
2. Conduct a community cleanliness or education awareness drive
3. Case study of a slum, village, or joint family
4. Poster: “Unity in Diversity in India” or “Stop Social Discrimination”
5. Create a photo essay on social life in your neighborhood
6. Survey on changing youth aspirations or digital behavior

24.6 Credit Outcome

Learners will:

1. Understand society's structure, functioning, and change mechanisms
2. Develop critical thinking, tolerance, and respect for diversity
3. Apply sociological knowledge to everyday interactions and community development
4. Be equipped for further studies in sociology, social work, journalism, public administration, or teaching



25.0 Tourism

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

25.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the scope, types, and impact of tourism in India and globally.
2. Gain knowledge of travel management, hospitality, and customer service.
3. Promote responsible, sustainable, and cultural tourism practices.
4. Equip learners for entry-level jobs or entrepreneurship in tourism and hospitality sectors.

25.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Tourism	- Meaning, definition, and importance of tourism - Types of tourism: cultural, eco, medical, religious	10
2	Tourism in India	- Major tourist attractions: natural, historical, cultural - UNESCO World Heritage Sites	10
3	Travel and Hospitality Management	- Types of accommodation - Travel agencies and tour operators - Booking and ticketing basics	10

4	Communication and Customer Service	- Verbal and non-verbal communication - Soft skills for tourism staff - Handling guest queries	10
5	Sustainable and Responsible Tourism	- Impact of tourism on environment - Sustainable practices - Community-based tourism	10
6	Tour Planning and Itinerary Preparation	- Components of a tour package - Budgeting and pricing - Sample itinerary creation	10
7	Entrepreneurship in Tourism	- Starting a travel startup - Online platforms and marketing - Career paths and certifications	10
8	Practical / Field Work / Project	- Heritage walk or site visit - Itinerary project - Role play: guest reception / guiding	30

25.3 Unit Wise Break Down

25.3.1 Unit 1: Introduction to Tourism

1. Meaning and definition of tourism
2. Importance of tourism in economic and cultural development
3. Types of tourism: cultural, ecological, medical, religious, adventure, etc.

25.3.2 Unit 2: Tourism in India

1. Major natural, historical, and cultural tourist attractions in India
2. Important tourist circuits and destinations
3. Overview of UNESCO World Heritage Sites in India

25.3.3 Unit 3: Travel and Hospitality Management

1. Types of accommodations: hotels, hostels, resorts, homestays
2. Role of travel agencies and tour operators
3. Basics of booking, ticketing, and reservation systems

25.3.4 Unit 4: Communication and Customer Service

1. Verbal and non-verbal communication in tourism
2. Importance of soft skills: empathy, patience, professionalism
3. Techniques for handling guest queries and complaints

25.3.5 Unit 5: Sustainable and Responsible Tourism

1. Environmental, social, and cultural impact of tourism
2. Principles of sustainable tourism and eco-friendly practices
3. Role of local communities in promoting responsible tourism

25.3.6 Unit 6: Tour Planning and Itinerary Preparation

1. Elements of a tour package: transport, accommodation, sightseeing
2. Basics of budgeting and pricing for tours
3. Drafting sample itineraries for different tourist types

25.3.7 Unit 7: Entrepreneurship in Tourism

1. Steps to start a travel or tour business
2. Use of online platforms and digital marketing in tourism
3. Career options, certifications, and skill requirements in the tourism industry

25.3.8 Unit 8: Practical / Field Work / Project

1. Organizing or participating in a heritage walk or site visit
2. Creating and presenting a sample itinerary or tour plan
3. Role play activities such as guest reception or tourist guiding

25.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, tourism mapping, short notes
Written Examination	50%	Short/long answers, tour planning questions, case studies
Practical / Project Work	30%	Tour project, hospitality simulation, site visit documentation

25.5 Suggested Practical Activities / Projects

1. Create a tour package for a cultural circuit in India
2. Design a poster or digital brochure for a tourist destination
3. Simulate guest check-in/check-out in a hotel setting
4. Visit a local tourist site and write a report on its management
5. Conduct a group discussion on “Tourism & Environment”
6. Interview a local guide or hotel staff on career challenges

25.6 Credit Outcome

Learners will:

1. Understand tourism operations, destinations, and customer engagement
2. Gain practical skills in communication, planning, and hospitality services
3. Build cultural appreciation and environmental responsibility
4. Be eligible for careers in travel agencies, hotels, tour operations, or entrepreneurship
5. Qualify for higher education in tourism management, hospitality, or event planning



26.0 Entrepreneurship

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

26.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop awareness of entrepreneurship as a career and life skill.
2. Equip learners with knowledge of business planning, risk-taking, and value creation.
3. Encourage innovation, critical thinking, and ethical business practices.
4. Enable students to prepare business models and pitch ideas effectively.

26.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Entrepreneurship	- Definition, characteristics of an entrepreneur - Role in economic development - Myths vs. reality	10
2	Business Opportunity Identification	- Market gaps, customer problems - Idea generation techniques - Feasibility study basics	10
3	Business Plan and Startup Basics	- Elements of a business plan - Vision, mission, objectives - Product/service strategy	10
4	Marketing and Promotion	- Target market and customer segmentation - Pricing, branding, and promotion tools	10

5	Financial Planning and Budgeting	- Startup capital, working capital - Costing and break-even analysis - Simple bookkeeping methods	10
6	Legal and Institutional Support	- Types of business ownership - Licenses and registrations - Govt. schemes: PMEGP, MSME, Mudra	10
7	Entrepreneurial Mindset and Ethics	- Decision making, leadership, innovation - Time management - Social responsibility and sustainability	10
8	Project / Field Work / Practical	- Business model canvas - Case study of a local entrepreneur - Elevator pitch or simulation	30

26.3 Unit Wise Break Down

26.3.1 Unit 1: Introduction to Entrepreneurship

1. Meaning and definition of entrepreneurship
2. Characteristics and qualities of a successful entrepreneur
3. Role of entrepreneurs in economic growth and job creation
4. Myths and realities about entrepreneurship

26.3.2 Unit 2: Business Opportunity Identification

1. Identifying market gaps and customer problems
2. Techniques for idea generation (brainstorming, trend analysis)
3. Basics of conducting a feasibility study

26.3.3 Unit 3: Business Plan and Startup Basics

1. Key components of a business plan
2. Crafting vision, mission, and business objectives
3. Planning product or service offerings and positioning strategy

26.3.4 Unit 4: Marketing and Promotion

1. Identifying target markets and customer segments
2. Basics of pricing, branding, and positioning
3. Promotion channels: digital, print, local networks

26.3.5 Unit 5: Financial Planning and Budgeting

1. Types of capital: startup and working capital
2. Costing, break-even analysis, and revenue forecasting
3. Introduction to bookkeeping and financial records

26.3.6 Unit 6: Legal and Institutional Support

1. Types of business ownership structures: sole proprietorship, partnership, company
2. Required licenses, registrations, and compliance
3. Government schemes and support: PMEGP, MSME, Mudra, Start-up India

26.3.7 Unit 7: Entrepreneurial Mindset and Ethics

1. Developing problem-solving and decision-making skills
2. Leadership, innovation, and time management
3. Business ethics, sustainability, and social responsibility

26.3.8 Unit 8: Project / Field Work / Practical

1. Creating a business model canvas for a startup idea
2. Conducting a case study on a local entrepreneur
3. Presenting an elevator pitch or participating in a startup simulation

26.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, startup idea log, reflections
Written Examination	50%	Business concepts, case analysis, plan-based questions
Practical / Project Work	30%	Business model presentation, surveys, financial charts, product demo

26.5 Suggested Practical Activities / Projects

1. Prepare a mini business plan for a home-based venture
2. Conduct a market survey for a product/service idea
3. Visit a local startup and write a report on its journey
4. Pitch a business idea in 3 minutes (elevator pitch)
5. Create a brochure, brand name, and logo for a mock business
6. Participate in a team-based business simulation exercise

26.6 Credit Outcome

Learners will:

1. Gain an entrepreneurial mindset and skillset
2. Learn how to identify, plan, and execute business opportunities
3. Understand basics of finance, marketing, and operations
4. Be equipped to start small ventures, join family businesses, or pursue higher studies in BBA, B.Voc, or commerce
5. Align with national goals of job creation and Atmanirbhar Bharat



27.0 Media and Communication Studies

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

27.1 Curriculum Objectives (Aligned with NCF 2005)

- Understand the role and impact of media in modern society.
- Gain foundational knowledge of journalism, digital communication, and public relations.
- Develop media literacy and critical analysis of content.
- Build creative and technical skills in content creation and communication tools.

27.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Media and Communication	- Evolution and types of media - Print, radio, TV, digital - Importance of media in democracy	10
2	Basics of Communication	- Communication process and barriers - Verbal and non-verbal communication - Audience and feedback	10
3	Journalism and Reporting	- News values and structure - Types of journalism - Ethics and responsibilities	10

4	Media Production and Content Writing	- Script and article writing - Editing and formatting - Interviews and storytelling techniques	10
5	Digital Media and Social Platforms	- Blogging, podcasting, YouTube basics - Social media engagement - Cyber ethics and safety	10
6	Public Relations and Advertising	- Brand communication - Press release writing - Ad copy creation and campaign ideas	10
7	Media Literacy and Critical Thinking	- Fake news vs. real news - Bias and propaganda - Media and societal influence	10
8	Practical / Project / Media Lab	- Create a newsletter or blog - Role play: newsroom or PR agency - Prepare media pitch or poster	30

27.3 Unit Wise Break Down

27.3.1 Unit 1: Introduction to Media and Communication

1. Evolution of media through history
2. Types of media: print, radio, television, and digital
3. Role and significance of media in a democratic society

27.3.2 Unit 2: Basics of Communication

1. The communication process: sender, message, channel, receiver
2. Common barriers to effective communication
3. Verbal and non-verbal communication styles
4. Understanding audience and feedback

27.3.3 Unit 3: Journalism and Reporting

1. Elements of news and newsworthiness
2. Types of journalism: investigative, broadcast, photojournalism, etc.
3. Journalistic ethics, code of conduct, and social responsibility

27.3.4 Unit 4: Media Production and Content Writing

1. Basics of writing scripts, articles, and news reports
2. Editing and formatting for clarity and accuracy
3. Techniques for interviews and effective storytelling

27.3.5 Unit 5: Digital Media and Social Platforms

1. Introduction to blogging, podcasting, and YouTube content creation
2. Strategies for engagement on platforms like Instagram, Facebook, Twitter
3. Understanding cyber ethics, data privacy, and digital safety

27.3.6 Unit 6: Public Relations and Advertising

1. Principles of brand communication and PR strategies
2. Writing press releases and media statements
3. Ad copywriting and campaign planning

27.3.7 Unit 7: Media Literacy and Critical Thinking

1. Identifying fake news and misinformation
2. Recognizing media bias and propaganda techniques
3. Analyzing media's influence on public opinion and behavior

27.3.8 Unit 8: Practical / Project / Media Lab

1. Create and publish a newsletter or blog
2. Role play a newsroom scenario or PR agency activity
3. Prepare and present a media pitch or advertisement poster

27.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Concept notes, content analysis, campaign reflections
Written Examination	50%	News/report writing, communication questions, media analysis
Practical / Project Work	30%	Video/audio content, blog/report design, media presentation

27.5 Suggested Practical Activities / Projects

1. Write a short news article or interview of a local personality
2. Create a media poster or infographic on a social issue
3. Record a podcast episode or vlog (2–5 mins)
4. Visit a radio station or local newspaper (if possible)
5. Group activity: simulate a newsroom or ad agency
6. Analyze a viral social media trend or campaign

27.6 Credit Outcome

Learners will:

1. Gain media awareness, communication proficiency, and creative confidence
2. Understand the responsibilities of journalists, influencers, and communicators
3. Be able to create basic digital content for blogs, newsletters, or platforms
4. Be eligible for further study or entry-level roles in journalism, PR, digital marketing, or mass media
5. Develop critical media literacy and ethical media consumption habits

28.0 Engineering & Technical

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

28.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop an understanding of fundamental engineering concepts and systems.
2. Impart basic technical skills in tools, machines, circuits, and drawing.
3. Encourage problem-solving, innovation, and practical applications in the technical domain.
4. Prepare learners for skill-based employment and further technical education (ITI, Polytechnic, B.Voc).

28.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Engineering & Safety	- Role of engineering in society - Engineering branches overview - Workshop safety practices	10
2	Engineering Materials & Tools	- Types of materials: metals, non-metals, alloys - Basic hand tools and their usage	10
3	Engineering Drawing & Measurement	- Types of lines, projections, scales - Instruments and manual drawing - Vernier caliper, micrometer	10

4	Mechanical Systems	- Levers, pulleys, gears, bearings - Basics of engines and pumps - Maintenance principles	10
5	Electrical & Electronic Basics	- Current, voltage, resistance, Ohm's Law - Series/parallel circuits - Basic wiring and switches	10
6	CNC and CAD Introduction	- Basics of CNC operations - Introduction to CAD software - G-code and M-code overview	10
7	Renewable Energy & Sustainability	- Solar, wind, and hydro systems - Smart energy and green buildings	10
8	Practical / Field Work / Projects	- Circuit assembly - Sketching machine parts - Tool demo & simple fabrication tasks	30

28.3 Unit Wise Break Down

28.3.1 Unit 1: Introduction to Engineering & Safety

1. Importance and role of engineering in modern society
2. Overview of major engineering branches (mechanical, electrical, civil, etc.)
3. Workshop safety guidelines and hazard prevention practices

28.3.2 Unit 2: Engineering Materials & Tools

1. Classification of materials: metals, non-metals, and alloys
2. Common hand tools: hammer, spanner, file, chisel, saw
3. Safe and correct usage of tools in workshop tasks

28.3.3 Unit 3: Engineering Drawing & Measurement

1. Drawing basics: types of lines, scales, orthographic projections
2. Use of drawing instruments: T-square, compass, set squares
3. Measurement tools: vernier caliper, micrometer, steel rule

28.3.4 Unit 4: Mechanical Systems

1. Simple machines: levers, pulleys, gears, and bearings
2. Introduction to basic engine and pump components
3. Concepts of lubrication, alignment, and preventive maintenance

28.3.5 Unit 5: Electrical & Electronic Basics

1. Basic concepts: current, voltage, resistance, Ohm's Law
2. Series and parallel circuits
3. Household wiring, switches, fuses, and simple troubleshooting

28.3.6 Unit 6: CNC and CAD Introduction

1. Overview of CNC machines and automation
2. Basics of CAD software and 2D/3D design concepts
3. Introduction to G-code and M-code used in CNC programming

28.3.7 Unit 7: Renewable Energy & Sustainability

1. Basics of solar, wind, and hydroelectric systems
2. Energy efficiency in buildings and smart systems
3. Principles of sustainable engineering and eco-design

28.3.8 Unit 8: Practical / Field Work / Projects

1. Assembly of simple electrical circuits
2. Sketching and labeling basic machine parts
3. Demonstration of workshop tools and fabrication of small components

28.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Diagrams, worksheets, tool identification, concept maps
Written Examination	50%	Theory-based questions, applications, safety & calculations
Practical / Project Work	30%	Drawing sheets, wiring demo, tool handling, machine part mock-up

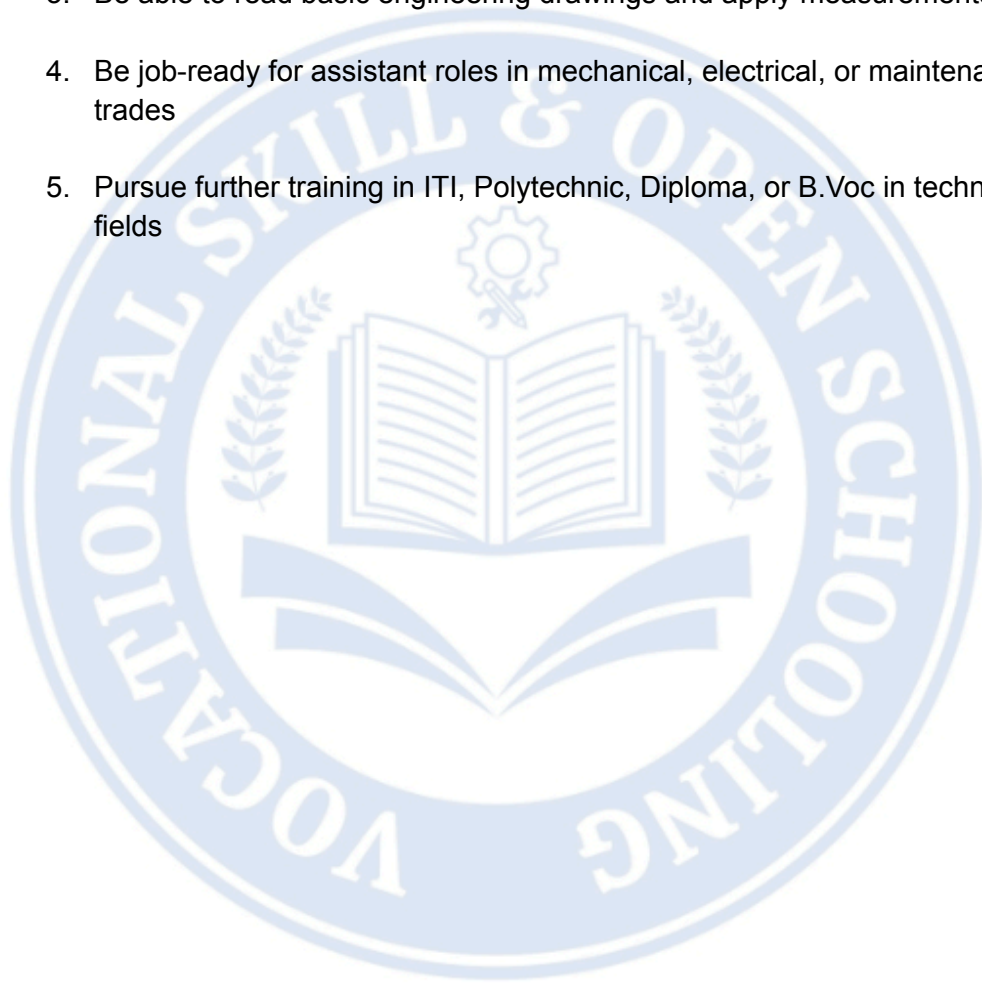
28.5 Suggested Practical Activities / Projects

1. Assemble a basic circuit board with LED/switch
2. Draw orthographic views of a mechanical part
3. Use hand tools to fabricate a simple bracket
4. Visit a local workshop or technical lab (optional)
5. Prepare a model or poster on renewable energy systems
6. Group project: “Design a Smart Water Tap” or “Mechanical Crane Model”

28.6 Credit Outcome

Learners will:

1. Understand core mechanical, electrical, and design concepts
2. Develop precision and hands-on skills in drawing, circuits, and tools
3. Be able to read basic engineering drawings and apply measurements
4. Be job-ready for assistant roles in mechanical, electrical, or maintenance trades
5. Pursue further training in ITI, Polytechnic, Diploma, or B.Voc in technical fields



29.0 IT & Computing

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

29.1 Curriculum Objectives (Aligned with NCF 2005)

1. Provide foundational knowledge of information technology systems.
2. Build practical skills in office tools, internet usage, and digital productivity.
3. Introduce basics of programming, data handling, and web creation.
4. Enable learners to use IT for communication, learning, and entrepreneurship.

29.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Basics of Information Technology	- History and evolution of computing - Types of computers, I/O devices, software vs hardware	10
2	Operating System and File Management	- Windows/Linux interface - File and folder operations - Control panel, settings	10
3	Word Processing and Presentation Tools	- MS Word / Google Docs - MS PowerPoint / Canva - Document formatting, presentations	10
4	Spreadsheet and Data Handling	- Excel/Google Sheets - Formulas, charts, sorting, filtering	10
5	Internet and Cyber Hygiene	- Internet tools (email, browsers, search engines) - Cyber safety, digital identity, passwords	10
6	Basics of Programming	- Introduction to logic and algorithms - Simple coding in Python: variables, loops, conditionals	10
7	Introduction to Web and Multimedia	- HTML basics - Creating a simple web page - Image, video, and audio file handling	10
8	Practical / Project Work	- Resume creation - Budget sheet with formulas - Web page or blog design - Coding exercise	30

29.3 Unit Wise Break Down

29.3.1 Unit 1: Basics of Information Technology

1. History and evolution of computers
2. Types of computers: desktop, laptop, mobile, embedded systems
3. Input/output devices, difference between hardware and software

29.3.2 Unit 2: Operating System and File Management

1. Introduction to Windows and Linux user interfaces
2. Creating, saving, renaming, and organizing files and folders
3. Basic system settings and control panel navigation

29.3.3 Unit 3: Word Processing and Presentation Tools

1. Using MS Word / Google Docs for document creation and formatting
2. Designing slides using MS PowerPoint / Canva
3. Inserting tables, images, and animations for effective presentations

29.3.4 Unit 4: Spreadsheet and Data Handling

1. Introduction to Excel / Google Sheets
2. Using basic formulas and functions (SUM, AVERAGE, IF)
3. Creating charts, sorting data, and applying filters

29.3.5 Unit 5: Internet and Cyber Hygiene

1. Using web browsers, search engines, and email platforms
2. Importance of strong passwords and digital identity protection
3. Best practices for cyber safety and responsible internet use

29.3.6 Unit 6: Basics of Programming

1. Understanding algorithms and logic building
2. Introduction to Python: variables, data types, loops, and conditionals
3. Writing and running basic Python programs

29.3.7 Unit 7: Introduction to Web and Multimedia

1. Basics of HTML tags and structure
2. Creating a simple web page with text and images
3. Handling different multimedia formats: audio, video, and image files

29.3.8 Unit 8: Practical / Project Work

1. Designing a personal resume using word processing tools
2. Creating a budget sheet with formulas in a spreadsheet
3. Developing a simple webpage or blog
4. Submitting a basic Python coding assignment

29.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, short assignments, online quizzes
Written Examination	50%	IT concepts, application-based questions, definitions
Practical / Project Work	30%	File creation, spreadsheet task, Python demo, web page design

29.5 Suggested Practical Activities / Projects

1. Create a personal resume in MS Word
2. Build a simple calculator in Python
3. Prepare a budget sheet with automatic totals
4. Design a poster or e-certificate using Canva
5. Make a basic HTML web page for a school or NGO
6. Practice filling an online form (mock e-Governance simulation)

29.6 Credit Outcome

Learners will:

1. Develop essential IT skills for digital literacy, data entry, and office roles
2. Be able to use productivity tools and communication platforms effectively
3. Apply basic programming logic and build confidence in coding
4. Explore opportunities in web design, IT support, freelancing, and further studies in IT, BCA, or digital marketing

30.0 Business & Finance

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

30.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the fundamental concepts of business and financial management.
2. Develop awareness of entrepreneurship, trade, and money management.
3. Gain skills in budgeting, accounting, digital payments, and taxation.
4. Prepare learners for entry-level roles in finance, retail, or self-employment.

30.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Business	- Nature and objectives of business - Types of businesses - Economic and non-economic activities	10
2	Principles of Commerce	- Trade and auxiliaries to trade - E-commerce and digital markets - Business ethics	10
3	Banking and Financial Institutions	- Types of banks and accounts - Cheque, ATM, NEFT/RTGS - Role of RBI and cooperative banks	10

4	Budgeting and Personal Finance	- Budget planning - Income, expenditure, and savings - Financial goal setting	10
5	Basic Accounting and Bookkeeping	- Debit/credit concepts - Journal, ledger, cash book - Trial balance overview	10
6	Taxation and GST	- Concept of taxation - GST basics and invoice preparation - Taxpayer responsibilities	10
7	Digital Finance and FinTech	- UPI, mobile wallets, net banking - Cyber security and fraud prevention - Online bill payment	10
8	Practical / Project Work	- Prepare a household or business budget - Maintain a petty cash register - Fill mock GST forms	30

30.3 Unit Wise Break Down

30.3.1 Unit 1: Introduction to Business

1. Nature, features, and objectives of business
2. Classification of businesses: manufacturing, service, trading
3. Difference between economic and non-economic activities

30.3.2 Unit 2: Principles of Commerce

1. Trade: internal and international
2. Auxiliaries to trade: transport, warehousing, insurance, banking
3. E-commerce, online business platforms, and digital marketplaces
4. Introduction to ethical practices in business

30.3.3 Unit 3: Banking and Financial Institutions

1. Types of banks: commercial, cooperative, central (RBI)
2. Types of bank accounts: savings, current, fixed deposit
3. Use of cheque, ATM, NEFT, RTGS, mobile banking

30.3.4 Unit 4: Budgeting and Personal Finance

1. Planning a monthly or annual budget
2. Understanding income, fixed and variable expenditure
3. Importance of savings and setting financial goals

30.3.5 Unit 5: Basic Accounting and Bookkeeping

1. Concepts of debit and credit
2. Maintaining journals, ledgers, and cash books
3. Introduction to trial balance and its purpose

30.3.6 Unit 6: Taxation and GST

1. Introduction to the concept of taxation
2. Basics of Goods and Services Tax (GST): structure and types
3. Filling of invoices and understanding taxpayer duties

30.3.7 Unit 7: Digital Finance and FinTech

1. Use of UPI, mobile wallets, and net banking
2. Digital payments and security measures
3. Identifying and preventing online fraud and scams

30.3.8 Unit 8: Practical / Project Work

1. Preparing a household or business budget sheet
2. Maintaining a petty cash register with entries
3. Filling sample GST invoices or tax-related forms

30.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, short reflections, concept mapping
Written Examination	50%	Descriptive and numerical questions on budgeting, banking, GST
Practical / Project Work	30%	Budget file, journal entry, tax form, digital finance survey

30.5 Suggested Practical Activities / Projects

1. Prepare a 1-month personal/family budget
2. Draft a sales invoice with GST breakup
3. Role-play: customer service at a bank or retail store
4. Conduct a survey on preferred payment modes in your area
5. Create a financial literacy poster: "Save Smart, Spend Wise"
6. Visit a local business and write a report on how they manage finance

30.6 Credit Outcome

Learners will:

1. Understand business structure, finance flow, and modern money systems
2. Build confidence in handling budgets, digital transactions, and record keeping
3. Prepare for roles in accounting, retail, banking, administration, or entrepreneurship
4. Pursue further studies in commerce, finance, B.Voc (Banking/Accounting), or business management

31.0 Subject: Media & Arts

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

31.1 Curriculum Objectives (Aligned with NCF 2005)

1. Introduce students to diverse art forms and their cultural relevance.
2. Develop skills in visual design, storytelling, and digital media production.
3. Foster creativity, self-expression, and multimedia communication.
4. Prepare learners for creative careers in design, content creation, and visual communication.

31.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Media & Creative Arts	- Types of media and art forms - Role of art in communication - Indian and global media culture	10
2	Basics of Visual Design	- Elements of design (line, shape, color, texture) - Composition principles - Color theory	10
3	Art Forms: Traditional & Modern	- Folk art (Warli, Madhubani, Pattachitra) - Modern art movements - Contemporary digital art	10

4	Photography and Videography	- Camera basics (angles, lighting, framing) - Storyboarding - Mobile photography techniques	10
5	Digital Tools for Art & Media	- Introduction to design apps (Canva, InShot, GIMP, etc.) - Image editing, filters, layout creation	10
6	Performing Arts & Creative Expression	- Basics of drama, music, and movement - Stage expression, mime, solo performance	10
7	Careers in Media & Arts	- Graphic design, animation, illustration, content creation - Freelancing & portfolio development	10
8	Project / Workshop / Exhibition	- Digital poster or logo design - Short video making - Art display / performance	30

31.3 Unit Wise Break Down

31.3.1 Unit 1: Introduction to Media & Creative Arts

1. Types of media: print, electronic, digital, and performance
2. Overview of creative art forms: visual, performing, and applied arts
3. Role of art in communication and storytelling
4. Exposure to Indian and global media and cultural influences

31.3.2 Unit 2: Basics of Visual Design

1. Elements of design: line, shape, color, texture, space
2. Principles of composition and visual balance
3. Introduction to color theory and its emotional impact

31.3.3 Unit 3: Art Forms – Traditional & Modern

1. Overview of Indian folk and tribal arts: Warli, Madhubani, Pattachitra
2. Key movements in modern art: Impressionism, Cubism, Abstract
3. Introduction to contemporary digital and mixed-media art

31.3.4 Unit 4: Photography and Videography

1. Camera and mobile photography basics: angles, lighting, framing
2. Basics of videography: shot types, camera movement
3. Storyboarding and visual storytelling techniques

31.3.5 Unit 5: Digital Tools for Art & Media

1. Introduction to creative software: Canva, InShot, GIMP, etc.
2. Basics of image editing, filters, and digital layouts
3. Working with templates and creative compositions

31.3.6 Unit 6: Performing Arts & Creative Expression

1. Elements of theatre, music, and movement-based expression
2. Basics of mime, role-play, solo and group performances
3. Using stage space and body language for creative storytelling

31.3.7 Unit 7: Careers in Media & Arts

1. Opportunities in graphic design, animation, illustration, and content creation
2. Freelancing tips and managing creative projects
3. Building a creative portfolio and using online platforms

31.3.8 Unit 8: Project / Workshop / Exhibition

1. Design a digital poster or logo using creative tools
2. Create a short video (1–2 min) with transitions and captions
3. Host or participate in an art exhibition or performance showcase

31.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Artwork review, reflection journals, idea logs
Written Examination	40%	Theory concepts, short essays, art appreciation
Practical / Project Work	40%	Creative project, digital portfolio, group performance or display

31.5 Suggested Practical Activities / Projects

1. Create a poster on a social theme using a digital tool
2. Shoot a short video (1–2 mins) on “My Local Culture”
3. Design a personal logo or YouTube thumbnail
4. Perform a skit, song, or mime based on a folk tale
5. Prepare a gallery of 5–10 original artworks for class exhibition
6. Write a blog or photo essay on your favorite artist/art form

31.6 Credit Outcome

Learners will:

1. Gain basic creative and visual communication skills
2. Understand media tools, techniques, and artistic expression
3. Build confidence in digital content creation and storytelling
4. Explore creative career paths in media, animation, design, fine arts, or performance
5. Be prepared for further studies in B.Voc, BFA, media arts, design, or performing arts

32.0 Healthcare

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

32.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop understanding of health, hygiene, nutrition, and disease prevention.
2. Provide foundational knowledge in basic patient care and first aid.
3. Promote awareness of community health, family well-being, and public healthcare systems.
4. Prepare learners for healthcare support roles and further vocational studies in health sciences.

32.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Healthcare Systems	- Role of healthcare in society - Public vs. private healthcare - Role of WHO, PHC, and ASHA	10
2	Human Body Basics	- Major organs and their functions - Basic anatomy and physiology - Vital signs and their normal ranges	10
3	Personal Hygiene and Nutrition	- Hygiene practices - Balanced diet and food groups - Malnutrition and lifestyle disorders	10
4	Common Diseases and Prevention	- Communicable & non-communicable diseases - Vaccination & immunity - Sanitation & vector control	10
5	First Aid and Emergency Care	- Basic first aid techniques - Handling bleeding, burns, fractures, CPR basics	10
6	Elderly and Patient Care	- Basic caregiving skills - Mobility and hygiene support - Empathy and communication	10
7	Community Health and Health Workers	- Health campaigns (polio, TB, etc.) - Role of community health workers - Public health programs	10
8	Practical / Project Work / Internship	- First aid kit demo - BP/temperature check - Community visit/report - Hygiene drive	30

32.3 Unit Wise Break Down

32.3.1 Unit 1: Introduction to Healthcare Systems

1. Importance of healthcare in individual and community well-being
2. Comparison of public and private healthcare systems
3. Roles of WHO, Primary Health Centres (PHC), and ASHA workers

32.3.2 Unit 2: Human Body Basics

1. Overview of major organs and their basic functions
2. Introduction to human anatomy and physiology
3. Monitoring vital signs: temperature, pulse, respiration, blood pressure

32.3.3 Unit 3: Personal Hygiene and Nutrition

1. Daily hygiene practices for health maintenance
2. Components of a balanced diet and understanding food groups
3. Effects of malnutrition and causes of common lifestyle-related diseases

32.3.4 Unit 4: Common Diseases and Prevention

1. Classification of diseases: communicable vs. non-communicable
2. Vaccination programs and the concept of immunity
3. Sanitation practices and vector-borne disease prevention

32.3.5 Unit 5: First Aid and Emergency Care

1. Principles and steps of first aid
2. Managing minor injuries: cuts, burns, fractures
3. CPR basics and emergency response for unconscious patients

32.3.6 Unit 6: Elderly and Patient Care

1. Basic caregiving for the elderly and chronically ill
2. Assistance with mobility, hygiene, and daily activities
3. Communication and empathy in caregiving

32.3.7 Unit 7: Community Health and Health Workers

1. Major health campaigns: polio, tuberculosis, COVID-19, etc.
2. Functions of community health workers like ASHA and ANMs
3. Overview of government-run public health programs

32.3.8 Unit 8: Practical / Project Work / Internship

1. Demonstration and use of a first aid kit
2. Practice taking temperature, BP, and pulse
3. Report writing on community health center visit
4. Organizing or participating in a hygiene awareness drive

32.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Health journal, hygiene chart, case-based Q&A
Written Examination	50%	Health concepts, disease symptoms, care practices
Practical / Project Work	30%	First aid demo, survey, field visit, awareness poster

32.5 Suggested Practical Activities / Projects

1. Create a poster on “Handwashing Steps” or “Healthy Plate”
2. Conduct a basic health survey in your family or community
3. Demonstrate how to measure body temperature or blood pressure
4. Build a simple first aid box and explain its contents
5. Role play: how to assist a patient in bed or during feeding
6. Prepare a report on a local health center or Anganwadi visit

32.6 Credit Outcome

Learners will:

1. Understand basic health science, hygiene, and wellness concepts
2. Gain skills for personal care, first aid, and caregiving assistance
3. Be able to support in clinics, homes, or wellness programs
4. Be eligible for further study in paramedical, nursing, or health-related B.Voc programs
5. Contribute to healthier families and communities through awareness

33.0 Agriculture & Environment

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

33.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the principles of sustainable agriculture and natural resource conservation.
2. Develop basic practical skills in farming, soil management, and organic practices.
3. Promote awareness of climate change, biodiversity, and eco-friendly lifestyles.
4. Prepare learners for entry-level roles in agri-based enterprises or environmental services.

33.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Agriculture	- Importance of agriculture in India - Types of farming - Role of agri-based rural economy	10
2	Soil and Water Management	- Types of soils and their properties - Soil fertility, erosion - Water conservation techniques	10
3	Crop Production and Management	- Seed selection and sowing - Irrigation, weeding, harvesting - Seasonal crop patterns	10
4	Organic Farming and Composting	- Principles of organic farming - Bio-fertilizers, vermicomposting - Pest control alternatives	10
5	Environmental Studies and Biodiversity	- Ecosystems and food chains - Natural resource conservation - Forests, wildlife, wetlands	10
6	Climate Change and Sustainable Living	- Causes and effects of climate change - Renewable energy - Waste segregation and recycling	10
7	Agri-Entrepreneurship and Innovation	- Small farm business ideas - Agri-tech introduction - Role of FPOs and cooperatives	10
8	Practical / Field Work / Project	- Soil testing demo - Compost pit/model farm setup - Tree plantation or clean-up drive	30

33.3 Unit Wise Break Down

33.3.1 Unit 1: Introduction to Agriculture

1. Importance of agriculture in Indian economy and livelihoods
2. Types of farming: subsistence, commercial, mixed, organic
3. Role of agriculture in strengthening rural economy

33.3.2 Unit 2: Soil and Water Management

1. Different types of soils and their characteristics
2. Methods of maintaining soil fertility and preventing erosion
3. Techniques for efficient water use and conservation

33.3.3 Unit 3: Crop Production and Management

1. Steps in crop production: seed selection, sowing, and spacing
2. Practices like irrigation, weeding, and harvesting
3. Understanding seasonal cropping patterns (kharif, rabi, zaid)

33.3.4 Unit 4: Organic Farming and Composting

1. Principles and benefits of organic farming
2. Use of bio-fertilizers, green manure, and vermicomposting
3. Non-chemical pest control techniques and integrated pest management

33.3.5 Unit 5: Environmental Studies and Biodiversity

1. Structure and importance of ecosystems and food chains
2. Conservation of natural resources: soil, water, air
3. Protection of forests, wildlife, wetlands, and biodiversity

33.3.6 Unit 6: Climate Change and Sustainable Living

1. Causes and global/local impacts of climate change
2. Promoting renewable energy sources (solar, wind, biogas)
3. Sustainable practices: waste segregation, reduce-reuse-recycle

33.3.7 Unit 7: Agri-Entrepreneurship and Innovation

1. Exploring small-scale agri-business opportunities
2. Introduction to agricultural technology and innovations
3. Role of Farmer Producer Organizations (FPOs) and cooperatives

33.3.8 Unit 8: Practical / Field Work / Project

1. Demonstration of soil testing techniques
2. Setting up a compost pit or model organic farm
3. Participating in tree plantation or village clean-up drives

33.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, crop charts, eco-journals
Written Examination	50%	Theoretical understanding, application-based questions
Practical / Project Work	30%	Observation reports, demo practices, campaign presentations

33.5 Suggested Practical Activities / Projects

1. Prepare a seed-to-harvest chart for 2 seasonal crops
2. Visit a local farm, dairy, or agri-cooperative and write a report
3. Prepare compost using kitchen waste or leaves
4. Conduct a cleanliness or plantation drive in your school/locality
5. Design a poster on “Say No to Chemicals” or “Save Soil, Save Earth”
6. Test the pH of soil using natural indicators (if feasible)

33.6 Credit Outcome

Learners will:

1. Acquire foundational knowledge in farming, eco-systems, and sustainability
2. Be aware of local environmental issues and sustainable solutions
3. Develop skills to participate in agricultural practices or start small farm ventures
4. Be eligible for further education in agriculture, agri-business, environment, or B.Voc (Agri/Rural Management)

34.0 Hospitality & Tourism

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

34.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the structure, services, and career opportunities in the hospitality and tourism industry.
2. Develop skills in guest service, communication, and tourism operations.
3. Promote awareness of cultural diversity, sustainable tourism, and responsible hospitality.
4. Prepare learners for entry-level positions in hotels, travel agencies, and customer service.

34.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Hospitality & Tourism	- Concept and importance of tourism and hospitality - Global and Indian tourism trends	10
2	Tourism Services and Operations	- Types of tourism: eco, heritage, adventure, rural - Tour planning and travel documentation	10
3	Front Office and Guest Handling	- Hotel departments overview - Guest check-in/check-out procedures - Communication etiquette	10
4	Housekeeping and Facility Management	- Room preparation, cleaning techniques - Laundry and linen care - Safety and hygiene practices	10
5	Food & Beverage Basics	- Types of food service - Table setting and etiquette - Customer service in dining	10
6	Soft Skills and Customer Interaction	- Grooming and presentation - Verbal & non-verbal communication - Handling complaints	10
7	Sustainable and Responsible Tourism	- Environmental practices in tourism - Local community and cultural preservation	10
8	Project / Workshop / Simulation	- Tour package creation - Hotel simulation or role play - Restaurant setup project	30

34.3 Unit Wise Break Down

34.3.1 Unit 1: Introduction to Hospitality & Tourism

1. Definition and scope of hospitality and tourism industries
2. Importance of tourism in economic development
3. Global and Indian tourism trends and statistics

34.3.2 Unit 2: Tourism Services and Operations

1. Types of tourism: eco-tourism, heritage, adventure, rural, medical, etc.
2. Essentials of tour planning and itinerary development
3. Travel documentation: passport, visa, tickets, permits

34.3.3 Unit 3: Front Office and Guest Handling

1. Functions of hotel departments: front office, housekeeping, F&B, etc.
2. Procedures for guest check-in and check-out
3. Telephone etiquette and communication with guests

34.3.4 Unit 4: Housekeeping and Facility Management

1. Room preparation: bed making, cleaning procedures
2. Laundry and linen management
3. Safety, hygiene, and sanitation standards

34.3.5 Unit 5: Food & Beverage Basics

1. Types of food service: buffet, à la carte, room service
2. Basics of table setting and dining etiquette
3. Guest service skills in a restaurant or café setting

34.3.6 Unit 6: Soft Skills and Customer Interaction

1. Professional grooming and workplace presentation
2. Verbal and non-verbal communication techniques
3. Managing guest complaints and ensuring satisfaction

34.3.7 Unit 7: Sustainable and Responsible Tourism

1. Eco-friendly practices in hospitality and tourism
2. Engaging and benefiting local communities
3. Preserving cultural and environmental heritage

34.3.8 Unit 8: Project / Workshop / Simulation

1. Designing a tour package with pricing and itinerary
2. Hotel front desk simulation or role play activities
3. Setting up a mock restaurant or dining experience

34.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, case studies, reflection logs
Written Examination	50%	Customer service, tourism systems, scenario-based questions
Practical / Project Work	30%	Tour plan, mock hotel desk, service role play, presentation or report

34.5 Suggested Practical Activities / Projects

1. Simulate a hotel front desk experience with scripted guest interactions
2. Create a tour package for a destination (including transport, food, and stay)
3. Practice restaurant table setting and guest greeting techniques
4. Write a report on a visit to a tourist site, hotel, or restaurant
5. Design a poster on “Sustainable Tourism” or “Incredible India”
6. Group activity: Mock event planning for a tourist group

34.6 Credit Outcome

Learners will:

1. Acquire practical skills in hospitality, food service, and tourism planning
2. Demonstrate professionalism, cultural sensitivity, and guest care
3. Be work-ready for entry-level roles in hotels, restaurants, travel agencies, or resorts
4. Be eligible for further studies in hospitality management, travel & tourism, event management, or B.Voc programs

35.0 Communication Skills & Soft Skills

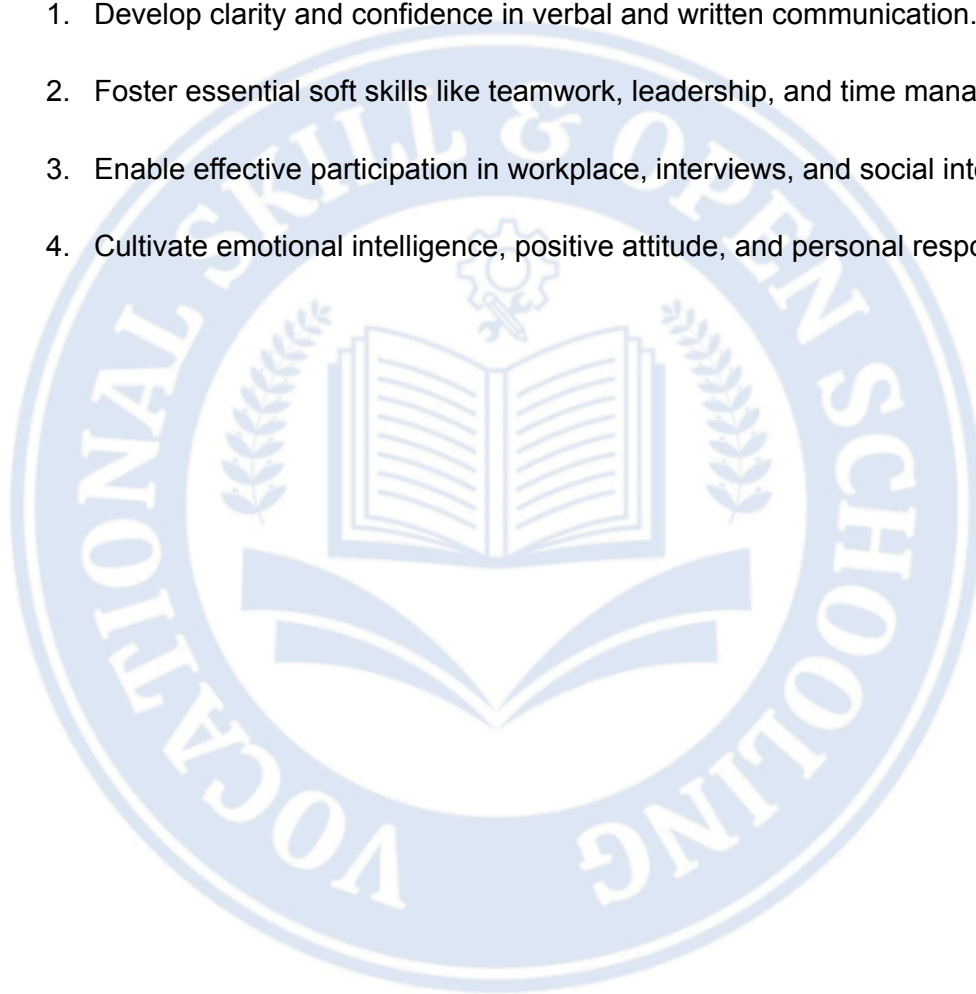
Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

35.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop clarity and confidence in verbal and written communication.
2. Foster essential soft skills like teamwork, leadership, and time management.
3. Enable effective participation in workplace, interviews, and social interactions.
4. Cultivate emotional intelligence, positive attitude, and personal responsibility.



35.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Communication Skills	- Importance of communication - Types: verbal, non-verbal, written, visual - Communication cycle	10
2	Listening and Speaking Skills	- Active listening - Public speaking basics - Telephone & video call etiquette	10
3	Writing Skills	- Email writing - Resume & application letters - Report and note writing	10
4	Body Language & Presentation Skills	- Posture, gestures, eye contact - Presentation techniques - Use of visuals and tone	10
5	Teamwork & Leadership	- Group work dynamics - Problem-solving in teams - Types of leadership	10
6	Time Management & Goal Setting	- SMART goals - Prioritization techniques - Handling distractions	10
7	Emotional Intelligence & Workplace Etiquette	- Self-awareness, empathy, self-regulation - Conflict resolution - Office behaviour norms	10
8	Practical / Role Play / Group Work	- Mock interviews - Group discussions - Presentations and workplace scenarios	30

35.3 Unit Wise Break Down

35.3.1 Unit 1: Introduction to Communication Skills

1. Importance of effective communication in personal and professional life
2. Types of communication: verbal, non-verbal, written, and visual
3. Communication process and communication cycle

35.3.2 Unit 2: Listening and Speaking Skills

1. Developing active and empathetic listening
2. Basics of public speaking and delivering clear messages
3. Telephone and video call etiquette in formal settings

35.3.3 Unit 3: Writing Skills

1. Writing professional emails
2. Drafting resumes and application letters
3. Basics of report writing and preparing formal notes

35.3.4 Unit 4: Body Language & Presentation Skills

1. Understanding posture, gestures, and eye contact
2. Structuring and delivering impactful presentations
3. Using visuals, voice modulation, and appropriate tone

35.3.5 Unit 5: Teamwork & Leadership

1. Understanding team roles and group work dynamics
2. Collaborative problem-solving and decision-making
3. Different types of leadership and their characteristics

35.3.6 Unit 6: Time Management & Goal Setting

1. Setting SMART goals (Specific, Measurable, Achievable, Relevant, Time-bound)
2. Prioritizing tasks using tools like to-do lists or planners
3. Managing distractions and boosting productivity

35.3.7 Unit 7: Emotional Intelligence & Workplace Etiquette

1. Components of emotional intelligence: self-awareness, empathy, regulation
2. Dealing with workplace conflicts and stress
3. Professional behavior, punctuality, and office ethics

35.3.8 Unit 8: Practical / Role Play / Group Work

1. Conducting mock interviews for job readiness
2. Participating in group discussions and role plays
3. Delivering individual or group presentations in workplace scenarios

35.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Short answers, reflective writing, worksheets
Written Examination	40%	Concepts, communication-based situations, skill-based comprehension
Practical / Project Work	40%	Interview simulation, presentation, GD performance, journal

35.5 Suggested Practical Activities / Projects

1. Conduct a mock job interview or campus interview
2. Group discussion on current affairs or value-based topics
3. Prepare and deliver a PowerPoint presentation on a topic of interest
4. Record a 1-minute video introducing yourself
5. Write an email applying for a job, including a basic CV
6. Role-play: customer service conversation or complaint handling

35.6 Credit Outcome

Learners will:

1. Speak, write, and present ideas confidently and effectively
2. Collaborate in teams, manage time, and lead in group tasks
3. Prepare for interviews, workplace challenges, and personal interactions
4. Qualify for jobs in customer service, admin, business, hospitality, and freelancing
5. Be ready for higher education, skill certifications, or workplace integration

37.0 Financial Literacy & Digital Literacy

Duration: 100 Hours

Credits: 10 (5 Theory + 5 Practical)

Mapped NCRF Level: 4

37.1 Curriculum Objectives (Aligned with NCF 2005)

1. Understand the principles of saving, budgeting, banking, and investment.
2. Build practical skills in digital platforms including UPI, e-wallets, and online banking.
3. Promote secure and responsible use of digital tools for communication and transactions.
4. Prepare learners for independent financial and digital decision-making.

37.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Basics of Financial Literacy	- Meaning, importance, and goals of financial literacy - Needs vs wants - Smart money habits	10
2	Banking and Digital Payment Systems	- Bank types, savings accounts, ATM, passbook - UPI, QR codes, mobile wallets (PayTM, Google Pay)	10
3	Budgeting and Expense Management	- Income sources, expense tracking - Personal and family budget preparation	10
4	Saving, Loans, and Investments	- Interest, fixed deposit, recurring deposit - Insurance basics - Microloans, SHGs	10
5	Introduction to Digital Devices	- Computer, tablet, mobile basics - Turning on/off, input/output devices - Operating systems	10
6	Internet and Online Services	- Browser, search engine, email - Using websites, filling online forms - e-Governance portals	10
7	Cyber Security and Digital Etiquette	- Passwords, phishing, privacy - Fake news, online scams - Safe browsing and netiquette	10
8	Project / Simulation / Field Practice	- Bank visit or mobile banking demo - Budget worksheet project - Cyber safety poster or quiz	30

37.3 Unit Wise Break Down

37.3.1 Unit 1: Basics of Financial Literacy

1. Understanding the meaning and importance of financial literacy
2. Differentiating between needs and wants
3. Developing smart money habits and setting financial goals

37.3.2 Unit 2: Banking and Digital Payment Systems

1. Types of banks and services: savings account, ATM, passbook
2. Using UPI, QR codes, mobile wallets like PayTM and Google Pay
3. Introduction to NEFT, IMPS, and mobile banking apps

37.3.3 Unit 3: Budgeting and Expense Management

1. Identifying sources of income and types of expenses
2. Methods for tracking daily and monthly spending
3. Preparing a personal or household budget

37.3.4 Unit 4: Saving, Loans, and Investments

1. Concepts of interest, fixed deposit, and recurring deposit
2. Basics of insurance (life, health)
3. Introduction to microloans, SHGs (Self Help Groups), and financial planning

37.3.5 Unit 5: Introduction to Digital Devices

1. Basic use of computers, tablets, and mobile phones
2. Identifying input/output devices and understanding their functions
3. Basics of operating systems and file management

37.3.6 Unit 6: Internet and Online Services

1. Using web browsers, search engines, and email
2. Filling online forms and using government e-portals
3. Navigating educational and financial websites securely

37.3.7 Unit 7: Cyber Security and Digital Etiquette

1. Creating strong passwords and recognizing phishing attempts
2. Identifying online scams and protecting digital privacy
3. Practicing safe browsing habits and responsible online behavior (netiquette)

37.3.8 Unit 8: Project / Simulation / Field Practice

1. Visit to a local bank or mobile banking demonstration
2. Budget worksheet or personal finance tracker project
3. Creating cyber safety posters or participating in online safety quizzes

37.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Budget templates, glossary, app walkthroughs
Written Examination	40%	Conceptual and practical understanding questions
Practical / Project Work	40%	Digital transaction simulation, field report, group project

37.5 Suggested Practical Activities / Projects

1. Create a personal monthly budget using Excel or Google Sheets
2. Conduct a mock mobile transaction using a UPI simulator
3. Prepare a savings plan for a student or family goal
4. Visit a bank and prepare a report on its services
5. Make a cyber safety awareness poster
6. Write a guide for using digital wallets safely

37.6 Credit Outcome

Learners will:

1. Manage their own money responsibly and plan for financial needs
2. Use digital devices and apps confidently for education, work, and personal life
3. Make informed decisions about spending, saving, borrowing, and online activities
4. Be prepared for entry-level employment, entrepreneurship, or upskilling in finance and IT
5. Align with India's vision of **Digital India** and **Financial Inclusion**

38.0 Entrepreneurial Mindset & Career Planning

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

38.1 Curriculum Objectives (Aligned with NCF 2005)

1. Cultivate an entrepreneurial attitude: risk-taking, resilience, curiosity, and innovation.
2. Guide students in discovering their interests, talents, and potential career paths.
3. Equip learners with life skills like goal-setting, planning, communication, and decision-making.
4. Encourage self-employment, freelancing, and startup thinking as viable career options.

38.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Entrepreneurial Mindset	- What is an entrepreneurial mindset? - Growth vs fixed mindset - Qualities of successful entrepreneurs	10
2	Self-Awareness and Strength Mapping	- Knowing your interests and values - SWOT analysis - Personal vision statement	10
3	Creative Thinking and Problem Solving	- Innovation mindset - Design thinking basics - Solving local or social problems creatively	10
4	Career Discovery and Industry Awareness	- Exploring sectors and career paths - Gig economy and freelancing - Emerging careers in India	10
5	Goal-Setting and Planning	- SMART goals - Daily planning, time management - Long-term career roadmap	10
6	Communication and Collaboration Skills	- Public speaking - Teamwork and conflict resolution - Building confidence and leadership	10
7	Financial Basics and Job Readiness	- Earning, saving, and investing - Resume and portfolio making - Interview preparation and etiquette	10
8	Project / Simulation / Portfolio Development	- Life goals worksheet - Entrepreneur story interviews - Career journal or passion project	30

38.3 Unit Wise Break Down

38.3.1 Unit 1: Introduction to Entrepreneurial Mindset

1. Understanding what an entrepreneurial mindset is
2. Difference between growth and fixed mindsets
3. Key qualities of successful entrepreneurs: resilience, initiative, adaptability

38.3.2 Unit 2: Self-Awareness and Strength Mapping

1. Identifying personal interests, values, and aspirations
2. Performing a SWOT analysis (Strengths, Weaknesses, Opportunities, Threats)
3. Creating a personal vision or mission statement

38.3.3 Unit 3: Creative Thinking and Problem Solving

1. Nurturing an innovation-oriented mindset
2. Introduction to design thinking: empathy, ideation, prototyping
3. Applying creativity to solve local or community-based challenges

38.3.4 Unit 4: Career Discovery and Industry Awareness

1. Exploring various career paths and sectors
2. Understanding the gig economy, freelancing, and digital careers
3. Identifying emerging jobs and skills in the Indian context

38.3.5 Unit 5: Goal-Setting and Planning

1. Setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals
2. Using daily planners and time management tools
3. Developing a long-term personal and professional growth roadmap

38.3.6 Unit 6: Communication and Collaboration Skills

1. Public speaking techniques and self-expression
2. Teamwork, building trust, and resolving conflicts
3. Developing leadership abilities and confidence

38.3.7 Unit 7: Financial Basics and Job Readiness

1. Basics of earning, saving, and investing
2. Creating a professional resume and personal portfolio
3. Preparing for interviews: mock sessions, etiquette, and body language

38.3.8 Unit 8: Project / Simulation / Portfolio Development

1. Completing a life goals worksheet or action plan
2. Interviewing a local entrepreneur and reflecting on their journey
3. Creating a career journal, passion project, or digital portfolio

38.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Worksheets, reflection logs, personal vision statements
Written Examination	40%	Situational questions, case studies, self-assessment tools
Practical / Project Work	40%	Career journal, project pitch, presentation, career mapping canvas

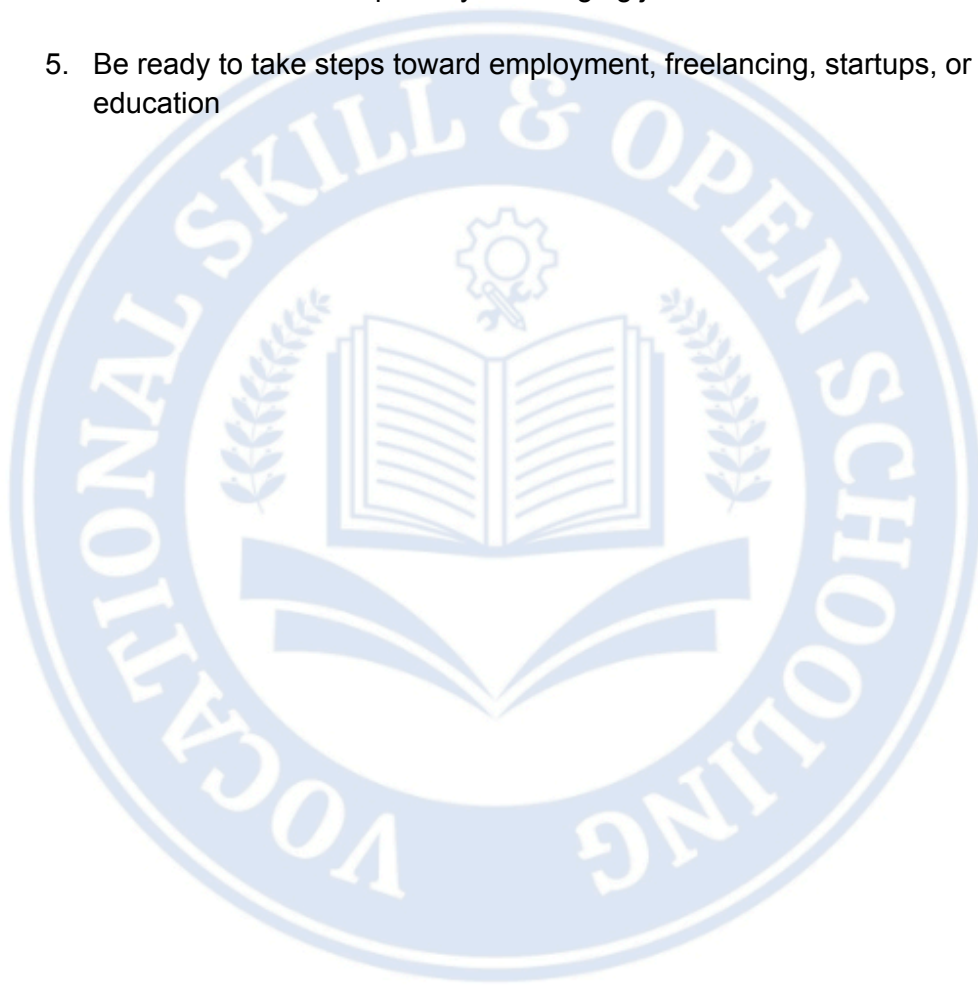
38.5 Suggested Practical Projects / Activities

1. Create a vision board of your dream career or business
2. Conduct an interview with a local entrepreneur or working professional
3. Prepare a personal SWOT analysis and action plan
4. Draft a career timeline or “My Path to 2025” roadmap
5. Simulate a team challenge or pitch a social business idea
6. Compile a portfolio with resume, cover letter, and certificates

38.6 Credit Outcome

Learners will:

1. Develop entrepreneurial thinking: resourcefulness, initiative, and creativity
2. Discover potential careers that match their passions and strengths
3. Plan and prepare for their professional future with confidence
4. Build life skills for adaptability in changing job markets
5. Be ready to take steps toward employment, freelancing, startups, or further education



39.0 Subject: Social Awareness & Workplace Ethics

Duration: 100 Hours

Credits: 10 (6 Theory + 4 Practical)

Mapped NCRF Level: 4

39.1 Curriculum Objectives (Aligned with NCF 2005)

1. Develop empathy, civic responsibility, and an understanding of social issues.
2. Promote ethical decision-making and respectful behavior at the workplace.
3. Encourage values such as honesty, punctuality, teamwork, and inclusiveness.
4. Prepare learners to function ethically in personal, professional, and digital environments.

39.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Understanding Society and Social Roles	- What is society and community? - Diversity, inclusion, and social harmony - Civic duties	10
2	Social Issues and Responsibilities	- Gender equality, caste, religion, disability, child rights - Role of youth in social change	10
3	Ethics and Values in Daily Life	- What are ethics? - Personal vs. professional ethics - Truthfulness, empathy, kindness	10
4	Introduction to Workplace Culture	- Work ethics: punctuality, discipline, honesty - Dress, attitude, and behavior	10
5	Teamwork and Respect in the Workplace	- Leadership, cooperation, and listening skills - Respecting differences and managing conflicts	10
6	Digital Conduct and Ethics	- Cyber bullying, plagiarism, fake news - Respectful communication in digital spaces	10
7	Labour Laws and Employee Rights (Basic)	- Minimum wages, working hours, workplace safety - Gender-sensitive and inclusive workplaces	10
8	Project / Role Play / Field Activity	- Community visit - Ethical dilemma debate - Group project on a social issue	30

39.3 Unit Wise Break

39.3.1 Unit 1: Understanding Society and Social Roles

1. Meaning of society and community
2. Importance of diversity, inclusion, and communal harmony
3. Understanding civic duties and responsibilities of individuals

39.3.2 Unit 2: Social Issues and Responsibilities

1. Key social issues: gender inequality, caste discrimination, religious tolerance, disability rights, child protection
2. Role of youth in driving social awareness and transformation

39.3.3 Unit 3: Ethics and Values in Daily Life

1. Defining ethics and values
2. Differentiating between personal and professional ethics
3. Practicing empathy, kindness, truthfulness, and integrity in daily life

39.3.4 Unit 4: Introduction to Workplace Culture

1. Core work ethics: punctuality, discipline, honesty
2. Professional appearance, attitude, and respectful behavior in the workplace

39.3.5 Unit 5: Teamwork and Respect in the Workplace

1. Skills for working in teams: leadership, cooperation, active listening
2. Managing conflict and appreciating diversity in teams
3. Respecting gender, age, and cultural differences

39.3.6 Unit 6: Digital Conduct and Ethics

1. Responsible use of digital platforms
2. Identifying and preventing cyberbullying, plagiarism, and misinformation
3. Practicing respectful and professional communication online

39.3.7 Unit 7: Labour Laws and Employee Rights (Basic)

1. Introduction to minimum wage laws, working hours, and workplace safety
2. Understanding employee rights and gender-sensitive practices
3. Promoting inclusive and safe work environments

39.3.8 Unit 8: Project / Role Play / Field Activity

1. Community visits or volunteering for social campaigns
2. Conducting debates or discussions on ethical dilemmas
3. Group presentations or campaigns on selected social issues

39.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Short reflections, ethics worksheet, news reviews
Written Examination	40%	Situational and value-based questions, real-world case studies
Practical / Project Work	40%	Group activity, field observation, presentation, poster/report making

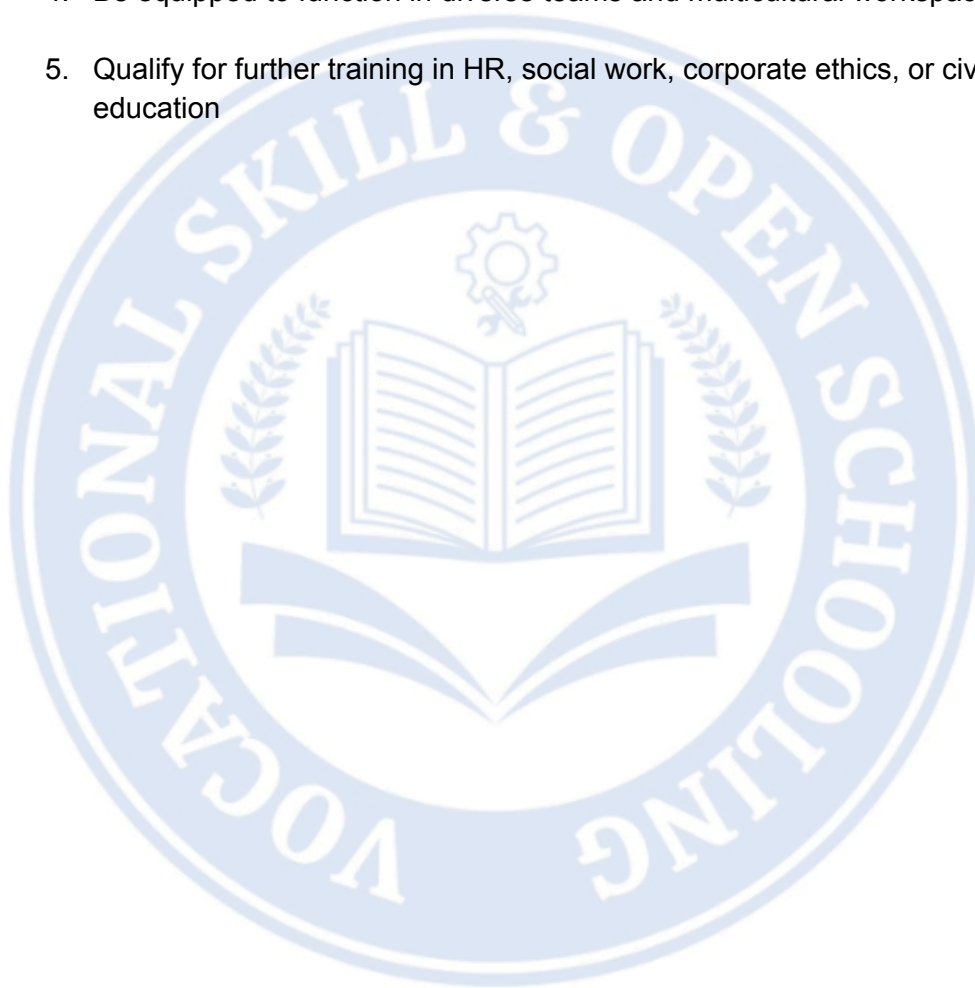
39.5 Suggested Practical Projects / Activities

1. Visit a community organization or local NGO and report on its impact
2. Group discussion: “What would you do?” ethical scenarios
3. Poster-making on gender equality, child rights, or workplace values
4. Survey: Workplace behavior expectations from youth
5. Mock session on resolving conflicts or giving feedback respectfully
6. Create a “My Values Charter” for school and career

39.6 Credit Outcome

Learners will:

1. Gain awareness of the social challenges faced by various communities
2. Develop sensitivity to ethical choices and interpersonal behavior
3. Demonstrate professionalism, discipline, and responsibility
4. Be equipped to function in diverse teams and multicultural workspaces
5. Qualify for further training in HR, social work, corporate ethics, or civic education



40.0 Yoga, Art Education & Community Values

Duration: 100 Hours

Credits: 10 (5 Theory + 5 Practical)

Mapped NCRF Level: 4

40.1 Curriculum Objectives (Aligned with NCF 2005)

- Promote physical, mental, and emotional well-being through yoga.
- Encourage creative expression through visual and performing arts.
- Foster community awareness, empathy, and shared cultural values.
- Instill habits of self-discipline, mindfulness, and collaboration.



40.2 Unit-Wise Syllabus

Unit No.	Title	Topics Covered	Hours
1	Introduction to Yoga and Wellness	- Meaning and importance of yoga - Benefits of asanas, pranayama, and meditation - Lifestyle discipline	10
2	Basic Yoga Practice and Postures	- Surya Namaskar - Standing, sitting, and lying postures - Breathing techniques (Anulom-Vilom, Bhramari)	10
3	Understanding Art and Creativity	- Role of art in expression and culture - Elements of art: line, form, color, texture - Indian folk and tribal arts	10
4	Performing and Visual Arts (Hands-On)	- Drawing, painting, rangoli, clay work - Music, dance, drama - Poster making and collage	10
5	Cultural Heritage and Community Bonding	- Festivals and their social values - Folk songs and traditions - Respect for diversity and local customs	10
6	Value Education and Character Development	- Honesty, compassion, respect, gratitude - Civic values and duties - Role of youth in nation-building	10
7	Teamwork, Leadership, and Service	- Group activities - Leadership roles - Volunteering for social good	10
8	Practical / Portfolio / Community Project	- Yoga journal - Art exhibition - Local clean-up or awareness campaign	30

40.3 Unit Wise Break Down

40.3.1 Unit 1: Introduction to Yoga and Wellness

1. Meaning and relevance of yoga in daily life
2. Benefits of physical postures (asanas), breathing (pranayama), and meditation
3. Promoting discipline, balance, and a healthy lifestyle

40.3.2 Unit 2: Basic Yoga Practice and Postures

1. Practice of Surya Namaskar (sun salutation)
2. Introduction to simple standing, sitting, and lying yoga postures
3. Breathing exercises: Anulom-Vilom, Bhramari, and relaxation techniques

40.3.3 Unit 3: Understanding Art and Creativity

1. Importance of art as a means of expression and communication
2. Elements of art: line, form, color, texture, and space
3. Overview of Indian folk and tribal arts (e.g., Warli, Madhubani, Gond)

40.3.4 Unit 4: Performing and Visual Arts (Hands-On)

1. Hands-on activities: drawing, painting, rangoli, clay modeling
2. Exposure to performing arts: music, dance, and drama
3. Creative projects like poster making, collage work, or storytelling

40.3.5 Unit 5: Cultural Heritage and Community Bonding

1. Understanding the values behind Indian festivals and cultural practices
2. Folk songs, dance, and storytelling traditions
3. Respecting cultural diversity and promoting unity

40.3.6 Unit 6: Value Education and Character Development

1. Core human values: honesty, empathy, respect, gratitude
2. Civic duties and moral responsibilities
3. Role of youth in promoting peace, harmony, and national development

40.3.7 Unit 7: Teamwork, Leadership, and Service

1. Building teamwork through group projects and games
2. Practicing leadership through assigned roles
3. Engaging in volunteer service and acts of kindness

40.3.8 Unit 8: Practical / Portfolio / Community Project

1. Maintaining a yoga journal or personal wellness diary
2. Participating in or organizing an art exhibition
3. Leading or contributing to a local clean-up drive, awareness campaign, or cultural event

40.4 Assessment Structure

Component	Weightage	Description
Internal Assignments	20%	Daily reflections, art reviews, wellness logs
Written Examination	30%	Value-based questions, art theory, yoga awareness
Practical / Project Work	50%	Yoga performance, art presentation, community activity report

40.5 Suggested Practical Activities / Projects

1. Maintain a yoga and wellness diary for 30 days
2. Create and present a painting inspired by nature or community life
3. Organize or participate in a community cleanliness or tree plantation drive
4. Design a poster or rangoli on “Unity in Diversity”
5. Group skit or song celebrating cultural harmony
6. Practice and demonstrate a yoga sequence in class

40.6 Credit Outcome

Learners will:

1. Cultivate a healthy body, balanced mind, and expressive personality
2. Appreciate the arts and participate actively in cultural life
3. Build habits of collaboration, service, and civic responsibility
4. Apply mindfulness, discipline, and creativity in personal and professional life
5. Qualify for further studies in wellness, art, cultural studies, or social leadership

