

**COURSE OF STUDIES IN
BACHELOR OF ARTS (B.A.) IN
SANSKRIT**



(Choice based credit system)

Syllabus under NEP-2020

SANSKRIT

TRIPURA UNIVERSITY

(A Central University)

1st Year
Semester –I
Major Discipline Specific Courses (Core) Marks : 100

Course - I Sanskrit Grammar

Credit: 4

Unit-I: Bhāratiya jñāna-parampara -Sanskrit Grammar

Unit-II: Basic Grammar-Declensions of words (ending in vowels & Consonants), forms of verbs (All conjugation, Parasmaipada, atmanepada, Tenses-Present, Imperfect past, Imperative, Potential, Imperfect past, Imperative, Potential), case-governing, dissolving the Sandhis. Past participle (Active and Passive), Infinitives, Gerund, Passive Potential Participles, adjectives, Antonyms & Synonyms.

Unit-III: Laghusiddhāntakaumudī (Sañjā & Paribhāṣā)

Unit-IV: Unseen Passage: Questions to be answered in Sanskrit, developing a Paragraph from given Points in Sanskrit & Unseen Passage Translation from Sanskrit to Medium Opted, Essay & Report writing in Sanskrit.

Books recommended:

1. Janaki Nath Sastri : Helps to the Study of Sanskrit
2. Iswar Chandra Vidyasagar : Samagra Vyakaran Koumudi
3. Laghu Siddhanta Koumudi – (vol-1) – MLBD, Delhi
4. P. C. Lahiri : Paniniyam
5. Ayodhya Nath Sanyal : Vaiyakaran Siddhanta Koumudi (Samjna-Paribhasa)

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Course – II Sanskrit Nīti Literature

Marks :100

Credit: 4

Unit-I:	Bhāratīya jñāna-parampara - Sanskrit Nīti Literature
Unit-II:	Hitopadeśa (Mitralābha)
Unit-III:	Nītīsatakam of Bhartrihari
Unit-IV:	Viduranīti

Books Recommended :

1. Hitopodesh : Niranjan Misra/ Narayan Rama Acharya (Nirnaya Sagar)
2. Pandit Jivananda Vidyasagar , Hitopodesh, Swarasvati Press, Kolkata.
3. M.R. Kale (Ed), Nitisatakam of Bhartrihari, MLBD, Delhi
4. Vidur Niti, Gita Press
5. Nitisatakam, Satya Narayan Chakraborty, SPB
6. P.V. Kane : History of Dharmasastra
7. S.K. Mitra : The Ethics of Hindus

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Minor/Elective

Marks - 100

Course-1 Ethics in Sanskrit Literature

Credit: 4

Unit-I:	Bhāratīya jñāna-paramparā : Ethics in Sanskrit Literature
Unit-II:	Pancatantra-Mitralabha
Unit-III:	Isopanisad
Unit-IV	Srimadbhagavadgita-2 nd chapter (Samkhyayoga)

Books Recommended:

1. S.K. Mitra : The Ethics of Hindus
2. Swami Gambhirananda : Ishopanisad
3. Jagadish Shastri (Ed) :Upanishad-Samgraha ,MLBD, Delhi

4. Srimad Bhagabad Gita : Jagadish Ch. Ghosh
5. Niranjan Misra (Ed) : Mitralabha
6. Baladev Upadhyaya : Samaskrita Sahitya ka Itihasa, Choukhamba Publication, Varnasi

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Interdisciplinary	Marks :100
Course-1 Political discourses in Sanskrit	Credit:3

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| Unit-I: | Bhāratīya jñāna-paramparā : Political discourses in Sanskrit |
| Unit-II: | Manusmriti-ch-Ist |
| Unit-III: | Mahabharata-Śāntiparva (Apaddharma) |
| Unit-IV | Artha Sastra-Vinayadhikarana |

Books Recommended

1. A.B. Keith : A History of Sanskrit Literature, Oxford University Press, London
2. Dr. Anil Ch. Basu : Manusanhita, SPB, Kolkata
3. Dr. Ashok Kr. Bandopadhyay : Manusanhita, SPB, Kolkata
4. P. V. Kane : History of Dharmasastra
5. A. S. Altekar : State and Government in Ancient India
6. H.P. Sastri : Mahabharata (vol-7), London, 1952-59
7. R. P. Kangala (Ed) : Arthashastra of Kautilya, MLBD, Delhi, 1965

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Skill Enhancement Courses/ Vocational	Credit: 3
Common Value Added Courses/Project/Internship/Survey	
Course-I Prescribed VAC Project/Internship/Survey	Credit: 2

Semester –II

Major Discipline Specific Courses (Core)

Marks: 100

Course – III Sanskrit Literature (Prose and Poetry)

Credit: 4

- Unit-I: Bhāratiya jñāna-parampara -Classical Sanskrit Literature
Unit-II: Kirātārjunīyam (Sarga-I)
Unit-III: Raghuvamśam (Sarga-I)
Unit-IV: Daśakumāracaritam (Rājvāhanacaritam)

Books Recommended:

1. A.A.Macdonell : A History of Sanskrit Literature
2. Radhaballava Tripathi : Sanskrita Sahitya: Binsha Shatabdi (RSKS)
3. S.N.Dasgupta and S.K. De : A History of Sanskrit Literature
4. Dr.Ashok Kumar Bandopadhyaya : Kiratarjuniyam (Sarga-I)
5. Dr. Satya Narayan Chakraborty : Raja Vahana Charitam, SBD, Kolkata
6. Raghubangsha : Naba Patra Prakashan, Kolkata

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Course – IV Vedic Literature

Marks :100

Credit: 4

- Unit-I: Bhāratiya jñāna-parampara -Vedic literature
Unit-II: Vedic selection (Agni-I:1, Indra-II:12, Akṣa-X:34, Samjñana-X:191, Devī – X.125, Hiranyagarbha-X:121)
Unit-III: Kenopanisad
Unit-IV: Vedic Grammar (Declension, Subjunctive Mood, Gerunds, Upasarga, Sandhi, Vedic Accent, Padapāṭha)

Books Recommended:

1. Yogiraj Basu : Veder Porichoy, Kolkata
2. K.C. Chatterjee :Vedic Selections, Part I and II
3. R.E.Hume : Thirteen Principal Upanishads, Shivalik Publications, New Delhi
4. Haridatta Shastri (Ed) : Rk-sukta Smagra, Sahitya Bhandar, Meerut
5. Tapan Shankar Bhattacharjee : Vedic Vyakaran, SPB, Kolkata

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

	Minor/Elective	Marks :100
Course – II	Fundamentals of āyurveda and Environmental Awareness	Credit: 4

Unit-I: Bhāratiya jñāna-parampara - āyurveda and environmental awareness

Unit-II: Arannyānisūkta, vṛṣṭisūkta, pṛthivīsūkta , parjanyasūkta

Unit-III: Carakasamhitā Sutrasthana (1st-5th chapter)

Unit-IV: Rāmāyaṇa Sundarakāṇḍa

Books Recommendations :

1. Haridatta Shastri (Ed) : Rk-sukta samagraha, Sahitya Bhandar, Meerut
2. Yogiraj Basu : Veder Parichay, Kolkata
3. K.C. Chatterjee : Vedic Selections Part I and II
4. H.H. Wilson (Eng. Tr.) : Rgveda Samhita (6 Vols), Bangalore Printing and Publishing Co, Bangalore, 1946.
5. H.P. Shastri (Eng. Tr) : Ramayana of Valmiki, London, 1952-59
6. Brahmananda Tripathi (Ed): Caraksamhita, Chaukhamba Surbharati Prakashana, Varnasi

Note: Teachers are also free to suggest any relevant books/ articles/ e-resources if needed.

Skill Enhancement Courses/ Vocational **Credit : 3**

Ability Enhancement Courses **Credit : 3**

Common Value Added Courses/Project/Internship/Survey

Course-II Prescribed VAC Project/Internship/Survey **Credit : 2**

3rd Semester

Minor/ Elective

Course III:- Indian Culture and Social Issues

**Credit: 4_
Marks 100**

Unit I: Bharatiya Jnana Parampara: Bharatiya Sanskriti: Origin and Development

Unit II: Reflection of Indian Culture in Ramayana and Mahabharata, Dharmasastra and Purana.

Unit III: Contribution of Tripura in Sanskrit Studies (Rajmala, Rajratnakara and various books by court-poet of Tripura)

Unit IV: Ancient Indian Science and Medicine (Caraka, Susruta, Varahamihira, Brahmagupta, Aryabhatta, Bhaskaracarya, and Bhoja)

Books Recommended:

1. Bharatiya Sanskritir Uttaradhikar – *Dhyanes Narayan Chakraborty*
2. Indian Culture and Heritage – *Romila Thapar*
3. Indian Society and Culture – *Vinita Pandey*
4. Rajmala, Rajratnakara, Krishnamala – *TRI*
5. Visva Sera Vijnani - *Shyamal Chakrabarty*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

3rd Semester

Major Discipline Specific Course (Core)

Credit : 4

Course – V Sanskrit Literature (Drama)

Marks 100

Unit I : Bharatiya Jnana Parampara –Sanskrit Drama (Origin and Development)

Unit II : Abhijnana Sakuntalam (Anka I to IV)

Unit III : Abhijnana Sakuntalam (Anka V to VII)

Unit IV : Swapnavasavadattam

Books Recommended:

1. Abhijnana Sakuntalam – *Edited by M. R. Kale/ Anil Ch. Basu/ C. R. Devadhar*
2. Sanskrit Drama – *A. B. Keith/ G. K. Bhat/ Ashok Kumar Bandopadhyay*
3. Conflict in Sanskrit Drama – *Minakshi Dalal*
4. Swapnavasavadattam – *Edited by Smt. Shanti Bandopadhyay/ Anil Ch. Basu*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

3rd Semester

Major Discipline Specific Course (Core)

Credit : 4

Course – VI Social Science

Marks 100

Unit I : Bharatiya Jnana Parampara. Social Science: Origin and Development

Unit II : Kautilya Arthasastra : Vinayadhikaranam – Ch. II, III, IV, VI, VII, XV, XVI

Unit III : Kautilya Arthasastra : A. Saptanga Theory of State

B. Sadgunya Policy

C. Caturvidha Upaya

Unit IV : Manusmriti – Ch. VII

Books Recommended:

1. History of Indian Literature – *M. Winternitz*
2. Theory of Government in Ancient India – *Beni Prasad*
3. Aspects of political Ideas and Institutions in Ancient India – *R. S. Sharma*
4. Arthasastra of Kautilya – *Edited by R. P. Kangle*
5. Kautilya Arthasastra – *Edited by R. G. Basak/ R. Shamasastri/ M. Bandopadhyaya/Sri Jadupati Tripathi*
6. Manusamhita – *Edited by Pancanan Tarkaratna/ M. bandopadhyaya/ Anil. Ch. Basu/ Ashok Kr. Bandopadhyaya*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

3rd Semester

Inter Disciplinary

Credit : 3

Course – III Ethics in Sanskrit Literature

Marks 100

Unit I : Bharatiya Jnana Parampara: Ethics in Sanskrit Literature. Origin and Development: Fable Literature, Niti Literature, Smriti Literature

Unit II : Pancatantra : Labdha-pranasha

Unit III: Canakyaniti

Unit IV : Yajnavalkya Samhita: Sloka 1-50

Books Recommended:

1. History of Sanskrit Literature – *M. R. Kale/ Dev Kumar Das*
2. Pancatantra of Visnuserman – *Edited by M. R. Kale/Priyanka Verma/ Prithviraj Sen*
3. Canakyaniti – *Edited by Premchand/ Sot Sorup Das/ Tara Kumar Kaviratna*
4. Yajnavalkya Samhita – *Edited by Manabendu Bandopadhyaya/ Susmita Basu Nyayatirtha*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

4th Semester

Minor /Elective

Course IV Classical Sanskrit Literature

Credit – 4

Marks 100

Unit I : Bharatiya Jnana Parampara: Classical Sanskrit Literature (Origin and Development: Prose, Poetry, and Drama)

Unit II : Avantisundari parinaya (Prose - Dandi)

Unit III : Meghadutam : Purvamegha (Poetry - Kalidasa)

Unit IV : Pratima Natakam (Drama - Bhasa)

Books Recommended

1. History of Sanskrit Literature. *M. R. Kale, S. Roy, Ashok Kr Bandopadhyaya*
2. Meghadutam. *Edited by Parvati Caran Chattopadhyay / Dhyanesh Narayana Chakrabarty*
3. Avantisundari parinaya. *Edited by M. R. Kale/ S. Roy/ Satyendranath Sen*
4. Pratima Natakam. *Edited by Sri Jagadish Ch. Tarkatirtha*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

4th Semester

Major Discipline Specific Course (Core)

Credit: 4

Course VII:- Indian Philosophy

Marks 100

Unit I: Bharatiya Jnana Parampara: Indian Philosophy (Astika and Nastika)

Unit II: Srimadbhagavadgita : Ch. II (Samkhyayoga)

Unit III: Tarkasamgraha : Concept of padartha, Division of Padartha, Definition of Dravya and its classification. Five types of Karman, Samanya, visesa, Samavaya, abhava

Unit IV: Samkhya Karika : Sloka 1 - 30

Books Recommended:

1. Indian Philosophy (Bharatiya Darsan) - *Sri Jadupati Tripathi, Pramodbandhu Sengupta*
2. Srimadbhagavadgita - *Jagadish Ch. Ghosh, S. Radhakrishnan*
3. Tarkasamgraha – *Edited by Bipad Bhanjan Pal / Narayan Ch. Goswami*
4. Samkhya Karika – *Ishvara Krishna*
5. Introduction to Indian Philosophy – *S. C. Chatterjee*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

4th Semester

Major Discipline Specific Course (Core)

Credit: 4

Course VIII:- Sanskrit Poetics and Literary Criticism

Marks 100

Unit I: Bharatiya Jnana Parampara: Poetics and Literary Criticism: Bharata, Bhamaka, Vamana, Mammata, Kuntaka, Visvanatha Kaviraj, Pandit Jagannatha.

Unit II: Sahitya Darpan : Ch. VI

Unit III: Sahitya Darpan : Ch. X

Unit IV: Chandomanjari (Samavritta)

Books Recommended:

1. Sanskrita Sahityer Itihasa - *Yudhisthir Gope/ Dharendra Nath Bandopadhyaya*
2. Visvanatha Kviraj - Sahitya Darpan. *Edited by M. R. Kale/ S. Roy/ Bimalakanta Mukhopadhyaya*
3. Chandomanjari: Gangadasa - *Edited by Gurunatha Vidyanidhi*
4. History of Sanskrit poetics - *P. V. Kane*
5. The Poetic Light - *R. C. Dwivedi*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

4th Semester

Inter-Disciplinary
Sanskrit Linguistics and Ancillary Text

Course - IV

Credit 3
Mars 100

Unit I : Bharatiya Jnana Parampara: Origin and Development of Sanskrit Language

Unit II : Sanskrit Phonology, Syntax, Morphology, Semantics.

Unit III: Aitareya Brahmanas : Sunahsepakatha, Satapatha Brahmana, Panca Mahayajna, Manumatsyakatha

Unit IV : Sambad Sukta : Pururava – Urvashi, Sarama – Pani, Visvamitra – Nadi, Agastya – Lopamudra Sambad

Books Recommended:

1. Vedic Selections : 2 - *Edited by Bhavani prasad Bhattacharjee*
2. Bhasa-Vijnana o Sanskrit Bhasa – *Ratna Basu.*
3. Vedic Patha Sancayana – *Edited by Didhiti Biswas*
4. Sanskrit o Prakrita Bhasar Kramabikas – *Paresh ch. Majumder*
5. Rgveda Samhita – *Edited by ramgovinda Trivedi*
6. Satapatha Brahmana – *Edited by Ganga Prasad Upadhyaya*

[Teachers are free to recommend any relevant book/ article/ e-resource if needed]

5TH SEMESTER

SANSKRIT, MAJOR paper

COURSE- IX

Credit- 4 Total marks- 100

Title of paper: Modern Sanskrit Literature

Unit 1: *Bhāratīya Jñāna Paramparā* (भारतीय-ज्ञान-परम्परा) - Development of Modern Sanskrit -

Brief idea on authors and their works: Birendra Kumar Bhattacharjee, Abhiraja Rajendra Misra, Srijiiva Nyayatirtha, Reva Prasad Dwivedi, Rama Choudhury, Jatindra Bimal Choudhury, Radha Ballabh Tripathi, Siddheswar Chattopadhyay, Haridas Siddhanta Vagish, Rama Kanta Shukla, Tarapada Bhattacharya, Ramkaran Sharma, Sri Nibash Rath, Prof. Prafulla Kumar Mishra etc.

Unit 2: *Bhāti me Bhāratam* (भाति मे भारतम्) – Ramakanta Shukla.

Unit 3: *Kathā Dvādaśa* (कथा द्वादश) – Tarapada Bhattacharya.

Unit 4: *Niveditā Niveditam* (निवेदिता निवेदितम्) – Rama Choudhury.

Books recommended:

1. Adhunik Sanskrit Sahityer Itihasa Rita Chattopadhyay, Progressive Publishers, Kolkata.
2. *Bhāti me Bhāratam* (भाति मे भारतम्) - Rama Kanta Sukla, Deba Bani Parishad, Delhi.
3. *Kathā Dvādaśa* (कथा द्वादश) – Tarapada Bhattacharya- Sanskrit Pustak Bhandar, Kolkata.
4. *Niveditā Niveditam* (निवेदिता निवेदितम्) – Rama Choudhury- Pracya Bani Parisad, Kolkata.
5. Modern Sanskrit Literature -Dr. Sudhakar Misra, The Banaras Mercantile Company, Kolkata.
6. Sanskrit Sahitya Samagra Itihasa, New Bharatiya Book Corporation, New Delhi.

*Teachers are free to recommend any relevant books/ articles/ e- resources if needed.

SANSKRIT, MAJOR paper

COURSE- X

Credit- 4, Total marks- 100

Title of the paper – Sanskrit Grammar Advance.

Unit 1: *Laghusiddhāntakaumudī* (लघुसिद्धान्तकौमुदी) – Sandhi (सन्धि).

Unit 2: *Laghusiddhāntakaumudī* (लघुसिद्धान्तकौमुदी) – Pratyaya (प्रत्यय)

Kṛt Pratyaya (कृत प्रत्यय): (*kṛtya prakriyā*) (कृत्य प्रक्रिया) - *sutra* sl. No. from 769 to 786 of

Laghusiddhāntakaumudī (लघुसिद्धान्तकौमुदी)

Taddhita Pratyaya (तद्धित प्रत्यय): (*sādhāraṇapratyaya and apatyārthaka pratyaya*) (साधारणप्रत्यय & अपत्यार्थकप्रत्यय) - *sutra* sl. No. from 997 to 1032 of *Laghusiddhāntakaumudī* (लघुसिद्धान्तकौमुदी)

Unit 3: *Laghusiddhāntakaumudī* (लघुसिद्धान्तकौमुदी) – *Kāraka* (कारक).

Unit 4: *Laghusiddhāntakaumudī* (लघुसिद्धान्तकौमुदी) – *Samāsa* (समास).

Book recommended:

1. W. D. Whitney: Sanskrit Grammar.
2. Janaki Nath Shastri: Helps to the study of Sanskrit.
3. Iswar Chandra Vidyasagar: *Samagra Vyakarana Kaumudi*.
4. P. C. Lahiri: *Pāṇinīyam* (पाणिनीयम्).
5. Kanschiram: *Laghusiddhantakaumudī* (लघुसिद्धान्तकौमुदी), MLBD, Delhi, 2009.
6. *Laghusiddhantakaumudī* (लघुसिद्धान्तकौमुदी), Pt. Sridharananada Shastri, MLBD, Delhi, 1987.
7. M. R. Kale: Higher Sanskrit Grammar, MLBD, Delhi.

*Teachers are free to recommend any relevant books/ articles/ e- resources if needed.

SANSKRIT, MAJOR paper

COURSE- XI

Credit- 4 Total marks- 100

Title of the paper: Sanskrit Linguistics.

Unit 1: *Bhāratīya Jñāna Paramparā* (भारतीय-ज्ञान-परम्परा) - Definition and function of Linguistics, Historical evolution of Linguistics and the role of Sanskrit language, Contribution of Indian teacher: -Panini, Katyayana, Patanjali, Baradraj, Bhattoji Dikshit, Vidyasagar.

Unit 2: Classification of language group.

3. Origin and development of Sanskrit Language: -IE, OIA, MIA, NIA, Phonetic laws.

Unit 4: Sanskrit phonology, Syntax, Morphology, Semantics, Technical terms: - Assimilation, Dissimilation, Metathesis, Haplology, Epenthesis, Prosthesis, Anaptyxis, Ablaut, Accent.

Books recommended: -

1. Elements of the Science of Language: J. S. Taraporewala, CU press, Calcutta.
2. An Introduction to Competitive Philology: P. D. Gune, Chowkhamba Orientation
3. Bhasha Vanjan O Sanskrit Bhasha, Ratna Basu, Kolkata
4. Linguistic: Introduction to Sanskrit -I, II, III -B. K. Ghosh, Sanskrit Pustak Bhander.

Note: - Teachers are also free to suggest any relevant books/Article/e-resource if needed.

SANSKRIT, MAJOR paper
COURSE- XII
Credit- 4 Total marks- 100
Title of the paper: Indian Culture.

Unit 1: *Bhāratīya Jñāna Paramparā* (भारतीय-ज्ञान-परम्परा) – Indian culture- Vedic culture, Longevity and continuity, Unity in diversity, Spirituality and Materialism, Linguistic diversity, religious pluralism, Family values, Art and architecture, Traditional clothing, ancient education system.

Unit 2: Selected Text from *Vālmīki Rāmāyaṇa* (वाल्मीकि रामायण):

A. *Vālmīkiya Ramayana* (वाल्मीकिय रामायण): *Ādi Kāṇḍa* (आदिकाण्ड):-1st to 3rd *sarga* (सर्ग).

Unit 3: Text from *Jātakamālā* (जातकमाला): 1st to 15th Stories.

Unit 4: *Rājaraṭnākaram – Pūrva Bhāga* (राजरत्नाकरम् — पूर्व भाग)– 1st to 4th *sarga* (सर्ग).

Books Recommended:

1. Vedic Sahityer Itihasa: Sukumari Bhattacharya, CU publication, Kolkata.
2. Śrīmad Vālmīkiya Rāmāyaṇa (श्रीमद् वाल्मीकिय रामायण): Gita Press, Gorakhpur
3. *Jātakamālā* (जातकमाला), Dr. Jagadish Chandra Mishra, Chowkhamba surabharati Granthamala, Varanasi
4. *Rājaraṭnākaram* (राजरत्नाकरम्): Ed. Prof. Jyotish Nath.

Teachers are free to recommend any relevant books/Articles/e-resources if needed.

SANSKRIT – MINOR
COURSE – V,
TOTAL MARKS – 100, CREDIT – 4
Title of the paper – Basic Sanskrit.

Unit 1: *Maheśvarasūtra* and *Pratyāhāra* (महेश्वरसूत्र & प्रत्याहार), Places of Articulation and Articulatory Efforts, *Samjñā* and *Paribhāṣā Prakaraṇam* (संज्ञा & परिभाषा प्रकरणम्) -Technical Grammatical terms viz.

Savarṇa (सवर्ण), *Guṇa* (गुण), *Vṛddhi* (वृद्धि), *Samprasāraṇa* (सम्प्रसारण), *Upasarga* (उपसर्ग), *Avyaya* (अव्यय), *Prātipadika* (प्रातिपदिक), *Pada* (पद), *Upadhā* (उपधा), *Ṭi* (टि), *It* (इत्), *Pragr̥hya* (प्रगृह्य), *Ajahallīṅga* (अजहल्लिङ्ग), *Ādeś* (आदेश), *Āgama* (आगम), *Anuvṛtti* (अनुवृत्ति).

Unit 2: *Sutras* relating to *ṇatva – Vidhāna* (णत्व-विधान) and *ṣatva – Vidhāna* (षत्व-विधान), Declension of words, Forms of verbs, Tenses.

Unit 3: Case governing, Dissolving the *Sandhis*, Past participle, Infinitives, Gerunds, Antonyms and Synonyms.

Unit 4: Unseen passage – Questions to be answered in Sanskrit, Translation from Sanskrit to MIL, Essay writing in Sanskrit.

Books recommended

1. Janaki Nath Sastri: Helps to the study of Sanskrit.
2. P.C. Lahiri: *Pāṇinīyam* (पाणिनीयम्).
3. Iswar Chandra Vidyasagar: Samagra Vyakarana Kaumudi.
4. M.R. Kale: Higher Sanskrit Grammar, MLBD.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

6th SEMESTER

SANSKRIT – MAJOR

COURSE – XIII,

TOTAL MARKS – 100, CREDIT – 4

Title of the paper – Indian Epigraphy, Paleography and Chronology.

Unit 1: *Bhāratīya Jñāna Paramparā* (भारतीय-ज्ञान-परम्परा): Epigraphy and paleography.

Introduction of Epigraphy and types of Inscriptions, Importance of Indian inscriptions in the reconstruction of Early Indian History and Culture, History of Epigraphical Studies in India, History of Decipherment of early Indian scripts, Introduction of Ancient Indian Chronology.

Unit 2: Contribution of Scholars in the field of Epigraphy – Fleet, Cunningham, Prinsep, Buhler, D.C. Sirkar, S.K. Chattopadhyay.

Unit 3: Introduction of Ancient Indian Scripts-*Brāhmī* (ब्राह्मी), *Kharoṣṭhī* (खरोष्ठी), *Siddhamātrkā* (सिद्धमातृका), *Devanāgarī* (देवनागरी), *Pāli* (पालि), *Gurumukhī* (गुरुमुखी), *Tāmila* (तामिल), *Telegu* (तेलेगु).

Unit 4: Study of selected inscriptions – Asoka's *Girnāra* (गिरनार) Rock Edict, Asoka's *Sāranātha* (सारनाथ) Pillar Edict, Junagar Inscription of *Rudradāmana* (रुद्रदामन), Iran Pillar inscription of Samudragupta, Khalimpur copper – plate inscription of Dharmapal, Nasik inscription.

Books recommended: -

1. Selected inscriptions: volume 1, D.C. Sirkar, Calcutta, 1965.
2. *Bhāratīya Abhilekha* (भारतीय अभिलेख), S.S. Raja, Bharatiya Vidya Prakasha, Delhi 1978.
3. *Prachin Bharater Lekha Sahitya*, Dr. Bharat Kumar Roy, SPB, Calcutta.
4. Text book of Indian Epigraphy, K. Satyamurty, Lower Price Publication, Delhi 1992.
5. *Sanskrit Sahityer Itihas*, Dr. Deb Kumar Das, Sadash, Calcutta.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

SANSKRIT – MAJOR

COURSE – XIV,

TOTAL MARKS – 100, CREDIT – 4

Title of the paper – *Āyurveda* (आयुर्वेद) and Environmental Awareness.

Unit 1: *Bhāratīya Jñāna Paramparā* (भारतीय-ज्ञान-परम्परा)– *Āyurveda* (आयुर्वेद) and Environmental awareness: Origin of *Āyurveda* (आयुर्वेद), Development of *Āyurveda* (आयुर्वेद), Four pillars of *Āyurveda* (आयुर्वेद), *Āyurveda* (आयुर्वेद) and Environment, Human and Environment, Medicinal

Plant and Environmental Balance in *Āyurveda* (आयुर्वेद), Life history of – Charaka, Susruta, Jibak, Chakrapani Dutta.

Unit 2: *Aranyāni Sūktam* (अरण्यानि-सूक्तम्), *Vṛṣṭi Sūktam* (वृष्टि-सूक्तम्), *Pr̥thivī Sūktam* (पृथिवी-सूक्तम्), *Parjanya Sūktam* (पर्जन्य-सूक्तम्).

Unit 3: *Caraka Samhitā* (चरक-संहिता) – *Sūtra sthāna* (सूत्र-स्थान) – chapter- 1st to 5th.

Unit 4: Important medicinal plants in *Āyurveda* (आयुर्वेद) – Tulsi, Haridra, Sarpagandha, Ghrita Kumari, Brahmi, Amla, Aswagandha, Arjun tree, Ceylon Hydrolea, Neem plant, Lady Ferns, Black berries, Pot marigold, Peppermint.

Books recommended

1. *Caraka Samhitā* (चरक-संहिता): Ed. Pandit Brajendra Chandra Nath.
2. Chiranjiva Vanaushadhi: Shib Kali Bhattacharjee.
3. Principles of Ayurved: V.B. Athavali, Chaukhamba Sanskrit Pratishthan, New Delhi.
4. *Āyurveda* (आयुर्वेद) and Environment.
5. Environmental Hygiene.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

SANSKRIT – MAJOR

COURSE – XV,

TOTAL MARKS – 100, CREDIT – 4

Title of the paper – Computational Linguistics for Sanskrit.

Unit 1: Basics of computational linguistics,

Unit 2: Multi-media tools in Sanskrit.

Unit 3: *Aṣṭādhyāyī* (अष्टाध्यायी) and *Nyāya* (न्याय) – Computational Frame Work.

Unit 4: Machine Translation.

Books recommended

1. Natural language Processing: A Paninian perspective.
2. Sanskrit – Computers: A revisit in 2020, Venkatakrishnan, B.V. Sastry, Atlantic Publishers and Distributors.
3. *Nyāya Darśana* (न्यायदर्शन): Gaumata's *Nyāya Sūtra* (न्यायसूत्र) and Vatsyayana's *Bhāṣya* (भाष्य) (Ed.) Phanibhushan Tarkabagish, Paschim Bhaga, Madhya Siksha Parshad.
4. Lahiri, *Pāṇinīyam* (पाणिनीयम्), Dhaka student's library, Kolkata.
5. Paniniya Sabda Kosh – Chakraborty Satyanarayan, Kolkata.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

SANSKRIT – MAJOR

COURSE – XVI,

TOTAL MARKS – 100, CREDIT – 4

Title of the paper – Indian Culture and Social Issues.

Unit 1: History of Ancient Indian Science, Scientific and Technical literature.

Mathematics: - Aryabhatta, Baraha Mihir, Brahmagupta, Bhaskaracharya – 1, Bhaskaracharya – 2, Mahabiracharya, Lilavati.

Unit 2: *Nāma Liṅgānuśāsana* (नाम लिङ्गानुशासन) (*Amarakośa*) (अमरकोश) – 1st *Kāṇḍa* (काण्ड) – *svarga varga* (स्वर्ग वर्ग)

Unit 3: *Bṛhat Samhitā* (बृहत्संहिता) – chapter – 55 – *Prātimā Lakṣaṇam* (प्रातिमा-लक्षणम्).

Unit 4: *Yājñavalkya Samhitā* (याज्ञवल्क्य-संहिता) – *Vyavahārādhyāya* (व्यवहाराध्याय) – 1 – 94 Sloka.

Books recommended

1. Sanskrit Sahityer Itihasa – Dharendra Nath Bandopadhyay.
2. *Yājñavalkya Samhitā* (याज्ञवल्क्य-संहिता) – Ed. Smt. Sumita Basu Nyayatirtha, SPB, Kolkata.
3. *Bṛhat Samhitā* (बृहत्संहिता) – Ed. Pandit Bhushana V. Subrahmanya Sastri.
4. *Bṛhat Samhitā* (बृहत्संहिता), Dr. Surakanta Jha, Chaukhamba Sanskrit Sirij Office, Varanasi.
5. Amar Kosh - Ed. Srimad Gurunath Vidyanidhi.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

SANSKRIT – MINOR

COURSE – VI,

TOTAL MARKS – 100, CREDIT – 4

Title of the paper – History of Vedic Literature.

Unit 1: *R̥gveda* (ऋग्वेद) – General idea with reference to Secular Hymns, Dialogue Hymns, Philosophical Hymns, Education System, Socio-Economic Condition, Status of Woman, Main contents and importance of *Atharva Veda* (अथर्ववेद), *Vedāṅga* (वेदाङ्ग).

Unit 2: *Kāthopaniṣad* (कठोपनिषद्).

Unit 3: Vedic interpreter – Sayan, Madhab, Tilak, Venkatacharya, Arabinda, Dayananda Saraswati.

Unit 4: Western Vedic interpreter - Max Muller, Rudolf, Griffith, H. Wilson, A.A. McDonell, M. Winternitz.

Books recommended

1. Vedic Sahityer Itihas: Sukumari Bhattacharjee.
2. Veder Parichay: Yogiraj Basu.
3. A History of Indian Literature: M. Winternitz.

Kaṭhopaniṣad (कठोपनिषद्): Swami Gambhirananda.

Teachers are free to recommend any relevant books, articles, e-resources if needed.

Syllabus for Bachelor's Degree with Honours in Research

Tripura University

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XVII		
Course Code: SK701C	Course Title: Advanced Sanskrit Grammar II	
Course Objective	- To provide an advanced and comprehensive knowledge of Sanskrit Grammar. - To develop an understanding of the History of Sanskrit Grammar. - To enhance the analytical skills of Kāraka and Taddhita. - To develop an understanding of the Mahābhaṣyam of Patañjali.	
Course Outcome	By the end of this course, students will be able to: - Understand the history of Sanskrit Grammar. - Explain and analyse key sutras on Kāraka and Taddhita from Siddhāntakaumudī - Understand Mahābhaṣyam of Patañjali.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): History of Sanskrit Grammar (Origine an development of Sanskrit grammar through the pre-Pāṇinian, Pāṇinian, and post-Pāṇinian phases)	
UNIT-II	Kārakaprakaraṇam – Siddhāntakaumudī - Bhaṭṭojidīkṣita	
UNIT-III	Tiṅanta-prakaraṇam (bhū-laṭ, loṭ, laṅ, vidhiliṅ, lṛṭ) – Siddhāntakaumudī - Bhaṭṭojidīkṣita	
UNIT-IV	Mahābhaṣyam- Paspasāhnikam	
Suggested Readings: - Dr. Gangadhar Kar Nyayacharya - Mahābhaṣyam - Ayodhyanath Sanyal – Pātañjal Mahābhaṣyam - Bramhachari Medhachaitanna -Byakaran Mahabhasya (paspashahirkam) - Dr. Saccidananda Mukhopadhyaya – Siddhāntakaumudī - Kārakaprakaraṇam - Sri Binodlal Sen & Sri Mrinalkanti Gangopadhyay – Siddhāntakaumudī (pūrva & uttarārdha) - Giridhar Sharma & Parameshwarananda Sharma – Vaiyākaraṇa-siddhāntakaumudī with Bālaṃanoramā & Tattvabodhinī – (Part I, II, III, IV) - Amiya Kr. Bhattacharya – সংস্কৃত ব্যাকরণের সংক্ষিপ্ত ইতিহাস W. D. Whitney – History of Sanskrit Grammar - Ramakant Mishra – व्याकरणशास्त्र का संक्षिप्त इतिहास - Yudhisthir Mimansak -संस्कृत व्याकरण शास्त्र का इतिहास - Guruprasad Shastri, Sitaram Shastri, BalShastri - Vaiyākaraṇa Siddhāntakaumudī		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XVIII		
Course Code: SK702C	Course Title: Sanskrit Poetics (Kāvyaśāstra)	
Course Objective	- To provide an understanding of the different concepts of Sanskrit poetics. - To develop an understanding of the contents of different texts of Sanskrit poetics.	
Course Outcome	By the end of this course, students will be able to: - Understand subject matter of the Nāṭyaśāstra-Bharata (Chapter I&III) - Explain the key points on poetics from the beginning of the Dhvanyālokaḥ (Udyota – I) of Anandavardhana - Narrate the views of Bhāmaha on Kavi and Kāvya according to Kāvyaṭīkāra-sūtravritti - Understand and explain the content of Kavya, Sabdasakti, Rasa, etc. from the Kavyaprakasa of Mammata.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Nāṭyaśāstra-Bharata (Chapter I)	
UNIT-II	Dhvanyālokaḥ (Udyota – I) - Ānandavardhana	
UNIT-III	Kāvyaṭīkāra-sūtravritti – Bhāmaha (Adhikaraṇas I & III)	
UNIT-IV	Kavyaprakāśaḥ – Mammaṭa (Ullasa I & II)	
Suggested Readings: - Jagannath Pathak - Dhvanyālokaḥ - Acharya Visweswar - Kāvyaaprakāśaḥ - Anil Ch. Basu - Kāvyaṭīkāra-sūtravritti - Kedarnath Sharma -Kāvyaṭīkāra-sūtravritti - Dr. Anjalika Mukhopadhyay- Nāṭyaśāstra (Ch. 1 & 6) - Dr. Suresh Ch. Bandyopadhyay -Bharata Nāṭyaśāstra (Vol. I-IV) - Anjalika Mukhopadhyaya – Dhvanyāloka (Udyota I & II) K. Krishnamurthy -Dhvanyāloka - Ramananda Acharya – Kavyaprakāśa (1st – 6th Ullas) V. Jhalkikar - Kavyaprakāśaḥ		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XIX		
Course Code: SK703C	Course Title: Manuscriptology and Sanskrit Manuscript	
Course Objective	- To provide an understanding of the scientific understanding of manuscripts. - To develop an understanding of the importance of manuscripts in the history of culture. - Learning the methods of manuscript editing and preservation.	
Course Outcome	By the end of this course, students will be able to: - Understand the importance of the manuscript in the Sanskrit tradition. - Demonstrate knowledge of various scripts, writing traditions, etc. - Equipped with tools and techniques of editing Sanskrit manuscripts.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Introduction to Manuscriptology: Principles, Concept and Scope. Different Manuscript Traditions: Writing materials, scripts, and handwriting styles. Preservation and conservation of manuscripts: Form and content, preservation techniques, cataloguing, documentation, etc. Digital Manuscriptology.	
UNIT-II	Manuscript Tradition of India: History of the Indian manuscript tradition. Different writing systems, the importance of manuscripts for unleashing India’s greatness. Salient features of Indian manuscriptology, Sources for Indian Manuscripts – different catalogues and Reports, Important manuscript reservoirs in India and abroad and methodology of accessing them	
UNIT-III	Sanskrit Manuscripts: Cataloguing; Physical Structure of Manuscripts (palm-leaf, birch bark, paper, etc.); Folios; Colophons; Post-colophon; Dating; Scripts – Brahmi, Sarada, Tulu, Grantha, Devanagari, Guadi, etc.	
UNIT-IV	Textual criticism and Editing: Introduction to critical edition, methods of textual criticism, Editing Sanskrit texts, comparing manuscript versions, critical apparatus	
Suggested Readings: - Subuddhi Charan Goswami – সংস্কৃত পুথিবিদ্যা– তত্ত্ব ও প্রয়োগ - Dr. Anika Mukhopadhyaya - পুঁথিপাঠ ও সম্পাদনা - Harekrishna Acharjee – পুঁথিসম্পাদনা এবং ত্রিপুরার পুঁথি প্রসঙ্গ - Dr. Ratna Basu & Dr Karunasindhu Das - পুঁথিবিদ্যার দিগ্ দর্শন R. S. Shivaganesha Murthy – Introduction to Munuscriptology - Dr. Kalpana Halder – পাণ্ডুলিপি পঠন সহায়িকা S. Jagannatha – Manuscriptology: An Entrance - Abhiraj Rajendra Mishra – শোধনবিধি এবং পাণ্ডুলিপিবিজ্ঞান		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XX		
Course Code: SK704C	Course Title: Sanskrit Kāvya (Prose, Poetry, Drama)	
Course Objective	- To provide an understanding of the contents of different Kāvya. - To develop an understanding of the style of the composition of Kāvya in Sanskrit.	
Course Outcome	By the end of this course, students will be able to: - Understand subject matter of the Kādambarī (Śukanāśopadeśa) - Bāṇabhaṭṭa - Explain Kalidasa’s poetic merits through Meghadūtam of Kālidāsa. - Narrate the content of the Drama Mrcchakaṭikam of Sūdraka - Understand the Sanskrit prose composition through Śiśupālavadham (Canto I) of Māgha	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Kādambarī (Śukanāśopadeśa) - Bāṇabhaṭṭa	
UNIT-II	Meghadūtam - Kālidāsa	
UNIT-III	Mrcchakaṭikam – Sūdraka (first five Acts)	
UNIT-IV	Śiśupālavadham (Canto I) -Māgha	
Suggested Readings: - Anil Ch. Basu/ Satyanarayan Chakraborty – Śiśupālavadham (Canto I) M. R. Kale/ Abinash Ch. Dey & Subhendu Kr. Siddhanta - Mrcchakaṭikam - Niradbaran Bhattacharya/M. R. Kale/ A. Kr. Bhattacharya – Kādambarī - Śukanāśopadeśa M. R. Kale/Rajshekhar Basu/Parvati Charan Chattopadhyay/ Dinesh Narayan Chakraborty-Meghadūtam		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VII
Subject: Sanskrit (Minor) -VII		
Course Code: SK701M	Course Title: Modern Sanskrit Literature	
Course Objective	- To provide an understanding of the modern Sanskrit literature - To develop an understanding of the life and works of the authors of Modern Sanskrit literature. - To develop an understanding of the selective key texts of modern Sanskrit literature	
Course Outcome	By the end of this course, students will be able to: - Understand the life and works of selected authors of modern Sanskrit literature. - Explain the key points of the text Bhāti-me-bhāratam – Ramakanta Shukla. - Understand and explain different modern issues highlighted in the stories from Kathā-dvādaśa of Tārapada Bhattacharya. - Know the discourse between Sister Nivedita and Swami Vivekananda through the drama Nivedita-niveditam of Roma Choudhury.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): Development of Modern Sanskrit Literature (Authors and their works) – Birendra Kumar Bhattacharya, Śrījīva Nyāyatīrtha, Siddheśvara Chattopadhyaya, Jatindrabimal Choudhury, Haridāsa-siddhāntavāgīśa, Abhirāja Rājendra Mishra, Rādhāballabha Tripathy.	
UNIT-II	Bhāti-me-bhāratam – Ramakanta Shukla	
UNIT-III	Kathā-dvādaśa (first 6 stories) – Tarapada Bhattacharya	
UNIT-IV	Nivedita-niveditam (first 3 drśyas) – Roma Choudhury	
Suggested Readings: - Dr Sipra Roy – आधुनिक संस्कृत साहित्येय संक्षिप्त इतिवृत्त - Roma Choudhury - Nivedita-niveditam, Prachyavani Parisad - Tarapada Bhattacharya - Kathā-dvādaśa , Sanskrit Pustak Bhandar - Ramakanta Shukla - Bhāti-me-bhāratam, Devavani Parisad - Rita Chattopadhyaya – आधुनिक संस्कृत साहित्येय इतिहास - Rita Chattopadhyaya – 20th Century Sanskrit Literature – A Glimpse into Tradition and Innovation. S. B. Raghunathacharya – Modern Sanskrit Literature – Tradition and Innovations - Banabihari Ghoshal – अर्वाचीन संस्कृत साहित्येय इतिहास - Radhavallabha Tripathi – आधुनिक संस्कृत साहित्य का समय इतिहास - Mithilesh Pandey – आधुनिक संस्कृत साहित्य का इतिहास		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -XXI		
Course Code: SK801C	Course Title: Research Methodology	
Course Objective	- Equip students with advanced research techniques and practices. - Developing critical analytical skills.	
Course Outcome	By the end of this course, students will be able to: - Understand the purpose and the principles of research. - Demonstrate knowledge of various research methodologies, tools and technologies. - Communicate research findings effectively.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Foundation of Research: Definition, types of research, significance, Research Process: Steps in the research process, formulation of research questions and hypothesis. Research Design: Concept, importance, types (descriptive, explanatory, experimental, etc.)	
UNIT-II	Research Methods and Methodology: Qualitative and quantitative research- Definition, methods and approaches Sampling techniques and Data collection: Surveys, Interviews, questionnaires, case studies, etc. Data analysis and interpretation	
UNIT-III	Literature Review: Purpose, techniques of conducting literature review, and evaluating sources. Developing research question: from the literature, identifying gaps, and formulating clear researchable questions. Theoretical framework- understanding theoretical perspective and models.	
UNIT-IV	Writing and presentation of Research: Research paper writing – structure, components (Abstract, Introduction, Literature review, methodology, Results, Discussion) Citations and References: Proper citation styles (APA, MLA, Chicago) Thesis writing and oral presentation skills. Future Trends and emerging research tools: AI tools, Digital resources,	
Suggested Readings: 1. S. N. Katre – <i>Introduction to Indian Textual Criticism</i> 2. ड. सत्यनारायण आचार्य:- <i>संस्कृतशोधप्रविधि:</i> 3. Ratna Basu- <i>Methodology and Sanskritic Research</i> 4. Srimannarayana Murti - <i>Methodology in Indological Research</i> 5. Dr. Puripriya Kundu – <i>Research Methodology</i> 6. Ranjit Kumar – <i>Research Methodology: A Step-by-Step Guide for Beginners</i> 7. C. R. Kothari – <i>Research Methodology: Methods and Techniques</i> 8. U. Flick – <i>An Introduction to Qualitative Research</i>		

9. J. W. Creswell – *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*.
10. K. L. Turabin – *A Manual for Writers of Research Papers, Thesis, and Dissertations*

Teachers are free to recommend any relevant books, articles, or e-resources if needed.

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Minor) -VIII		
Course Code: SK801M	Course Title: Sanskrit Computational Linguistics, Translation Composition	
Course Objective	- To provide an understanding of the manuscript tradition of India. - To develop an understanding of computational linguistics for Sanskrit. - To develop the ability to translate and compose text in simple Sanskrit.	
Course Outcome	By the end of this course, students will be able to: - Understand the manuscript tradition of India. - Explain the key points of Computational Linguistics. - Translate the Sanskrit passage into other languages and vice versa. - Compose thematic dialogue in conversational Sanskrit.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Basics of Computational Linguistics: General introduction, Methods (NLP, MT, E-learning, Corpora Analysis, etc), approaches (Rule-based approach, Statistical approach, Hybrid approach, etc.).	
UNIT-II	Sanskrit for Computers: Role of Aṣṭādhyāyī, Role of Navya-Nyaya Computational linguistics for the Sanskrit language: Multi-media tools for the Sanskrit Language, Machine Translation in Sanskrit.	
UNIT-III	Translation: Principles and Method of Sanskrit Translation. Unseen translation from English/Mother language to Sanskrit, and from Sanskrit to English/Mother language	
UNIT-IV	Composition: Dialogue writing in conversational Sanskrit. Acquaintance with Sanskrit equivalents as aid to conversational Sanskrit.	
Suggested Readings: - Dr. Manabendu Sarkar – Computer Awareness and Computational Sanskrit - Akshar Bharati, Vineet Chaitanya & Rajeev Sangal -Natural Language Processing: A Paninian Perspective - Venkatakrishnan, B. V. Sastry -Sanskrit – Computer: A revisit in 2020 M. R. Kale – Higher Sanskrit Grammar		

5. Janaki Nath Shastri – *Helps to the Study of Sanskrit*
6. Iswar Ch. Vidyasagar – *Samagravyakaranakaumudi*
7. Acharya C. – *সংস্কৃত নিবন্ধ মঞ্জুসুখা*
8. Acharya Ram Shastri - *সংস্কৃত শিক্ষণ সরণী*
9. Viswaranjan Panda – *সংস্কৃত ব্যাকরণ ও অনুবাদ শিক্ষা*
10. Chakradhar Nautiyal – *বৃহৎ-অনুবাদ-চন্দ্রিকা*

Teachers are free to recommend any relevant books, articles, or e-resources if needed.

Programme/Class Degree: BA with Honours in Research	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -VIII		
Course Code:	Course Title: Research Project/Dissertation	
Course Objective	• To inculcate the research aptitude. • Develop the skill of critical thinking and systematic presentation. • Use of research findings to advance education theory and practice.	
Course Outcome	By the end of this course, students will be able to: • Carry out a substantial research-based project. • Demonstrate capacity to report research findings in written and verbal forms. • Demonstrate an understanding of the issues associated with Sanskrit research.	
Credits:	12 Credits	
Max. Marks:	Min. Passing Marks:	

Syllabus for Bachelor's Degree with Honours in Sanskrit Tripura University

Programme/Class Degree: B. A. with Honours	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XVII		
Course Code: SK701C	Course Title: Advanced Vedic Literature I	
Course Objective	- To provide an advanced and comprehensive knowledge for students on Vedic literature. - To develop an understanding of the concept of Vedic Deities, seers & sacrifices - To enhance analytical skills for interpreting Vedic Hymns. - To develop an understanding of the etymology of Vedic vocabulary.	
Course Outcome	By the end of this course, students will be able to: - Explain and analyse key Vedic Hymns. - Understand Vedic vocabulary. - Understand Vedic sacrifices and their applications.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	(i) <i>Bhāratīya Jñāna</i> Paramparā (भारतीय-ज्ञान-परम्परा): Concept of Vedic Deities, Seers & Sacrifices. (ii) Vedic Hymns – Ṛig -veda: Agni-sūktam II.VII; Puruṣa-sūktam – X.90; Nāsadīya-sūktam – X.129; Uṣas-sūktam – 3.61; Varuṇa-sūktam – 1.25; Jñāna-sūktam – 10.71	
UNIT-II:	Vedic Hymns – Yajurveda: Sāmmanasya-sūktam – III.30; Rāṣṭrābhivardhana-sūktam – 1.29; Kāla-sūktam – Atharvaveda X-53; Śivasāṅkalpa-sūktam - Śuklayajurveda-Chapter 34 (1-6)	
UNIT-III:	<i>Vedāṅga: Nirukta of Yāska</i> – Chapter I	
UNIT-IV:	<i>Brāhmaṇas: (i) Aitareya Brāhmaṇa – Legend of Sunaḥśepakathā-XXXIII.1-4 (ii) Śatapatha Brāhmaṇa – Pañcamahāyajña- XI.5.6, 1-9; Agnihotram – Kāṇḍa 2.3.1; (iii) Saṃvādasūktas – Puraravā-urvaśī; Yama-yami; Saramā-Paṇi; Viśvāmitra-nadī</i>	
Suggested Readings: 1. K. C. Chatterjee - <i>Vedic Selection</i> (Part I & II) 2. Bhattacharya and Adhikari - <i>Vaidika Sankalana</i> (Part I & II) 3. B. P. Bhattacharya & T. N. Acharya - <i>Vaidika Sankalana</i> (Part I & II) 4. Uday Chandra Bandyopadyay – <i>Veda-Sankalana</i> (Part I & II) 5. Taraknath Adhikari & Samir Kr. Mandal – <i>Vaidika Sankalana</i> (Part III) 6. Shukla Sen - <i>Śrautapāṭha</i> 7. B. B. Choubey - <i>The New Vedic Selection</i> (Part I & II) 8. Brahmananda Tripathi (Ed.)– <i>Niruktam</i> (Chapter I & II) 9. Taraknath Adhikari (Ed.) – <i>Niruktam</i> (Chapter I) 10. Ranjit Kr. Basak (Ed.) - <i>Sunaḥśepokhyānam</i>		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XVIII		
Course Code: SK702C	Course Title: Advanced Sanskrit Grammar II	
Course Objective	- To provide an advanced and comprehensive knowledge of Sanskrit Grammar. - To develop an understanding of the History of Sanskrit Grammar. - To enhance the analytical skills of Kāraka and Taddhita. - To develop an understanding of the Mahābhāṣyam of Patañjali.	
Course Outcome	By the end of this course, students will be able to: - Understand the history of Sanskrit Grammar. - Explain and analyse key sutras on Kāraka and Taddhita from Siddhāntakaumudī - Understand Mahābhāṣyam of Patañjali.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): History of Sanskrit Grammar (Origine an development of Sanskrit grammar through the pre-Pāṇinian, Pāṇinian, and post-Pāṇinian phases)	
UNIT-II	Kāraprakaraṇam – Siddhāntakaumudī - Bhaṭṭojidīkṣita	
UNIT-III	Tiṅanta-prakaraṇam (bhū-laṭ, loṭ, laṇ, vidhiliṇ, lṛṭ) – Siddhāntakaumudī - Bhaṭṭojidīkṣita	
UNIT-IV	Mahābhāṣyam- Paspasāhnikam	
Suggested Readings: - Dr. Gangadhar Kar Nyayacharya - Mahābhāṣyam - Ayodhyanath Sanyal – Pātañjal Mahābhāṣyam - Bramhachari Medhachaitanna -Byakaran Mahabhasya (paspashahirkam) - Dr. Saccidananda Mukhopadhyaya – Siddhāntakaumudī - Kāraprakaraṇam - Sri Binodlal Sen & Sri Mrinalkanti Gangopadhyay – Siddhāntakaumudī (pūrva & uttarārdha) - Giridhar Sharma & Parameshwarananda Sharma – Vaiyākaraṇa-siddhāntakaumudī with Bālaṇānandamā & Tattvabodhinī – (Part I, II, III, IV) 7. Amiya Kr. Bhattacharya – संस्कृत व्याकरणेन संक्षिप्त इतिहास W. D. Whitney – History of Sanskrit Grammar - Ramakant Mishra – व्याकरणशास्त्र का संक्षिप्त इतिहास - Yudhisthir Mimansak -संस्कृत व्याकरण शास्त्र का इतिहास - Guruprasad Shastri, Sitaram Shastri, BalShastri - Vaiyākaraṇa Siddhāntakaumudī		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XIX		
Course Code: SK703C	Course Title: Advanced Indian Philosophy I	
Course Objective	- To provide students with advanced, comprehensive knowledge of Indian philosophers. - To develop an understanding of the Nāstika schools of Indian philosophy based on the text Sarvadarśanasanġraha. - To develop an understanding of Pramāṇa according to the text Tarkabhāṣā.	
Course Outcome	By the end of this course, students will be able to: - Understand the philosophical views of selected Eastern philosophers. - Explain the key philosophical thoughts of the Nāstika schools of Indian philosophies - Understand and explain various Pramāṇas according to Tarkabhāṣā.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): Relevance of Indian Philosophy and Eastern Philosophers (Śaṅkarācārya, Mādhavācārya, Nimbārkaācārya, Rāmānujācārya, Kumārilaḥṭṭa, Appayadīkṣita, Vācaspatiśra, Abhinavagupta, Sri Aurobindo, Swāmī Vivekānanda)	
UNIT-II	Sarvadarśanasanġrahaḥ (Cārvaka, Bauddha, Ārhata)	
UNIT-III	Tarkabhāṣā of Keśavamiśra (Pratyakṣa & Anumāna)	
UNIT-IV	Tarkabhāṣā of Keśavamiśra (Upamāna & Śābda)	
Suggested Readings: - Sanjay Kumar Shukla – Indian Philosophers of the Recent Past - Sarvapalli Radhakrishnan and Charles A. Moore – The Source Book in Indian Philosophy - Debabrata Sen – Bharatiya Darshan - Ashok Kr. Bandyapadhyay (Ed.)– Sarvadarśanasanġrahaḥ - Umashankar Sharma - Sarvadarśanasanġrahaḥ - Dr. Satyajit Layek (Ed.) – Tarkabhāsa - Nirmalya Narayan Chakraborty – বিংশ শতাব্দীতে ভারতীয় দর্শন চর্চা S. N. Dasgupta – History of Indian Philosophy - Deviprasad Chattopadhyaya – Bharatiya Darshan K. Bhattacharya – Studies in Philosophy		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VII
Subject: Sanskrit (Major) -XX		
Course Code: SK704C	Course Title: Advanced History of Vedic and Classical Sanskrit Literature I	
Course Objective	- To provide an advanced and comprehensive knowledge for students on the advanced history of Vedic literature - To develop a higher-level understanding of the Classical Sanskrit literature. - To develop an understanding of the views of the selected Indian traditional and modern Vedic interpreters.	
Course Outcome	By the end of this course, students will be able to: - Understand various aspects of the Vedic period. - Explain the key points of the views of selected Indian Vedic scholars. - Understand and explain subject matters, age, society and legends narrated in the two great Indian epics, the Puranas and poetic traditions.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): History of Vedic Literature- General structure of Vedic literature; Different theories on the age of the Vedas; Dialogue hymns and Philosophical hymns of the Rig Veda; Educational system in the Vedic times; Social condition of the Vedic times.	
UNIT-II	A general acquaintance with the subject matter of the Sāmaveda-saṃhitā, Yajurveda-saṃhitā, Atharvaveda-saṃhitā, Brāhmaṇa and Āraṇyaka literature, the fundamental doctrines of the Upaniṣads, and the Vedāṅga literature.	
UNIT-III	Survey of Vedic Interpretation (Traditional and Modern) – Skandasvāmī, Veṅkaṭamādhava , Sāyaṇācārya, Mahīdhara, H. H. Wilson, Rudolf Roth, Max Muller, Dayānanda Saraswati, Hillbrandt, Bala Gangadhar Tilak and Sri Aurobindo.	
UNIT-IV	History of Classical Sanskrit Literature – Rāmāyaṇa (Subject matter, age, society and legends), Mahābhārata (Subject matter, age, society and legends), Purāṇa (Definition, classification and legends), Kāvya (Definition, classification and tradition)	
Suggested Readings: 1. S. N. Sharma – A History of Vedic Literature 2. Yogiraj Basu – বেদের পরিচয় 3. Shanti Bandopadyay – বৈদিক সাহিত্যের রূপরেখা 4. Parasnath Dwivedi – वैदिक साहित्य का इतिहास 5. Yudhisthir Gope – বৈদিক সাহিত্যের ইতিহাস 6. Banabihari Ghoshal – অর্বাচীন সংস্কৃত সাহিত্যের ইতিহাস 7. Banabihari Ghoshal – সংস্কৃত ও ভাষাসাহিত্য 8. Dhirendranath Bandyopadhyay – History of Classical Sanskrit Literature 9. A. Macdonell – History of Sanskrit Literature 10. A. B. Keith – A History of Sanskrit Literature		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VII
Subject: Sanskrit (Minor) -VII		
Course Code: SK701M	Course Title: Modern Sanskrit Literature	
Course Objective	- To provide an understanding of the modern Sanskrit literature - To develop an understanding of the life and works of the authors of Modern Sanskrit literature. - To develop an understanding of the selective key texts of modern Sanskrit literature	
Course Outcome	By the end of this course, students will be able to: - Understand the life and works of selected authors of modern Sanskrit literature. - Explain the key points of the text Bhāti-me-bhāratam – Ramakanta Shukla. - Understand and explain different modern issues highlighted in the stories from Kathā-dvādaśa of Tārapada Bhattacharya. - Know the discourse between Sister Nivedita and Swami Vivekananda through the drama Nivedita-niveditam of Roma Choudhury.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Bhāratīya Jñāna Paramparā (भारतीय-ज्ञान-परम्परा): Development of Modern Sanskrit Literature (Authors and their works) – Birendra Kumar Bhattacharya, Śrījīva Nyāyatīrtha, Siddheśvara Chattopadhyaya, Jatindrabimal Choudhury, Haridāsa-siddhāntavāgīśa, Abhirāja Rājendra Mishra, Rādhāballabha Tripāthy.	
UNIT-II	Bhāti-me-bhāratam (complete text)– Ramakanta Shukla	
UNIT-III	Kathā-dvādaśa (first 6 stories) – Tarapada Bhattacharya	
UNIT-IV	Nivedita-niveditam (first 3 dṛśyas)– Roma Choudhury	
Suggested Readings: - Dr Sipra Roy – आधुनिक संस्कृत साहित्योर संक्षिप्त इतिवृत्त - Roma Choudhury - Nivedita-niveditam, Prachyavani Parisad - Tarapada Bhattacharya - Kathā-dvādaśa , Sanskrit Pustak Bhandar - Ramakanta Shukla - Bhāti-me-bhāratam, Devavani Parisad - Rita Chattopadhyaya – आधुनिक संस्कृत साहित्योर इतिहास - Rita Chattopadhyaya – 20th Century Sanskrit Literature – A Glimpse into Tradition and Innovation. S. B. Raghunathacharya – Modern Sanskrit Literature – Tradition and Innovations - Banabihari Ghoshal – अर्वाचीन संस्कृत साहित्योर इतिहास - Radhavallabha Tripathi – आधुनिक संस्कृत साहित्य का समय इतिहास - Mithilesh Pandey – आधुनिक संस्कृत साहित्य का इतिहास		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -XXI		
Course Code: SK801C	Course Title: Upaniṣadic Literature	
Course Objective	- To provide an understanding of the contents of different Upaniṣadic texts. - To develop an understanding of the Key takeaways of selective Upaniṣads.	
Course Outcome	By the end of this course, students will be able to: - Understand the subject matter of the Aitareyopaniṣad. - Explain the key points of the Śvetāśvetaropaniṣad. - Understand and explain the content of Muṇḍakopaniṣad. - Know the philosophical thoughts on the transmigration of the soul and liberation from the Bṛhadāraṇyakopaniṣad.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Aitareyopaniṣad (Ṛig Veda)- Prathama-adhyāya	
UNIT-II	Śvetāśvetaropaniṣad (Kṛṣṇayajurveda)- Chapter – I & II	
UNIT-III	Muṇḍakopaniṣad (Atharvaveda)- Prathama-muṇḍaka	
UNIT-IV	Bṛhadāraṇyakopaniṣad (Adyaya IV, Brahmana 4-5) - Śuklayajurveda	
Suggested Readings:		
- Swami Gambhirananda (Ed.) – উপনিষদ গ্রন্থাবলী (প্রথম, দ্বিতীয়, তৃতীয় খণ্ড) - উপনিষদ অখণ্ড সংস্করণ – Haraf Prakashani - Kalikananda Avadhut – উপনিষদ সমগ্র - Aitareyopaniṣad – Gita Press - Muṇḍakopaniṣad – Gita Press - Bṛhadāraṇyakopaniṣad – Dev Sahitya Kutir S. Radhakrishnan – Principal Upanisads - Pt. Jagadish Shastri – উপনিষৎসংগ্রহঃ - Janesh Ranjan Bhattacharya – বৃহদারণ্যকোপনিষদ্ (চতুর্থ অধ্যায়ের চতুর্থ ও পঞ্চম ব্রাহ্মণ) - Subhash Vidyalkar – ईशादि उपनिषत्संग्रहः (Vol. I & II)		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -XXII		
Course Code: SK802C	Course Title: Sanskrit Drama and Functional Sanskrit	
Course Objective	- To provide an understanding of the contents of different Dramas and learn the skill of dialogue writing. - To develop the ability to translate Sanskrit text to other languages and vice versa. - To enable the student to compose text in Simple Sanskrit.	
Course Outcome	By the end of this course, students will be able to: - Understand the subject matter of the Vikramorvośīyam – Kālidāsa and Mrcchakaṭīkam – Sūdraka. - Translate the Sanskrit passage into other languages and vice versa. - Compose thematic dialogue in conversational Sanskrit.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Vikramorvośīyam – Kālidāsa	
UNIT-II	Mṛcchakaṭīkam – Sūdraka (first five Acts)	
UNIT-III	Translation: Unseen translation from English/MIL to Sanskrit and Sanskrit to English/MIL	
UNIT-IV	Composition: (i) Thematic Dialogue writing in conversational Sanskrit. (ii) Acquaintance with Sanskrit equivalents as aid to conversational Sanskrit.	
Suggested Readings: M. R. Kale (Ed.) – Vikramorvośīyam - Parameswar Pandeya & Aswini Kumar Pandeya – Vikramorvośīyam - Dhyanesh Narayan Chakraborty (Ed.) – মহাকবি কালিদাসের সমগ্র রচনাবলী (Vol. I, II, III) - Ashok Kr. Bandyopadhyay - কালিদাসের রচনাবলী M. R. Kale (Ed.) - Mṛcchakaṭīkam - Uday Ch. Bandyopadhyay & Anita Bandyopadhyay (Ed.) - Mṛcchakaṭīkam - Acharya C. – সংস্কৃত নিবন্ধ মঞ্জুসুখা - Acharya Ram Shastri - সংস্কৃত শিক্ষণ সরণী M. R. Kale – Higher Sanskrit Grammar - Viswaranjan Panda – সংস্কৃত ব্যাকরণ ও অনুবাদ-শিক্ষা - Chakradhar Nautiyal – बृहद्-अनुवाद-चन्द्रिका		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -XXIII		
Course Code: SK803C	Course Title: Sanskrit Kāvya and Kāvyaśāstra	
Course Objective	- To provide an understanding of the contents of different Kāvyaś. - To develop an understanding of the Key concepts of Sanskrit poetics (Kāvyaśāstra)	
Course Outcome	By the end of this course, students will be able to: - Understand the subject matter of the Sanskrit Śiśupālavadham and Naiṣadhīyacaritam. - Explain the key points on poetics from the Dhvanyālokaḥ (Udyota – I) of Ānandavardhana - Understand and explain the content of Kavya, Sabdasakti, Rasa etc. from the Kavyaprakāśa of Mammata.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Śiśupālavadham (First Canto) - Māgha	
UNIT-II	Naiṣadhīyacaritam (First Canto) - Śrīharṣa	
UNIT-III	Dhvanyālokaḥ (Udyota – I) - Ānandavardhana	
UNIT-IV	Kavyaprakāśaḥ – Mammaṭa (Ullasa I & II)	
Suggested Readings: - Anil Ch. Basu – Śiśupālavadham (Canto I) - Deb Kr. Das - Naiṣadhīyacaritam (Canto I) - Narayan Das -Naiṣadhīyacaritam (Canto I) - Satyanarayan Chakraborty – Śiśupālavadham - Jagannath Pathak - Dhvanyālokaḥ - Anjalika Mukhopadhyaya – Dhvanyāloka (Udyota I & II) K. Krishnamurthy -Dhvanyāloka - Ramananda Acharya – Kavyaprakāśa (1st – 6th Ullas) - Acharya Visweswar - Kavyaprakāśaḥ V. Jhalkikar - Kavyaprakāśaḥ		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Major) -XXIV		
Course Code: SK804C	Course Title: Dharmaśāstra and Itihāsa	
Course Objective	- To provide an understanding of the History of Dharmaśāstra - To develop an understanding of subject matters in Smṛiti texts. - To enable the student to understand the concept of duty through the Mahabharata.	
Course Outcome	By the end of this course, students will be able to: - Understand the origin and development of Dharmaśāstra. - Know the content of Yājñavalkyaśmhitā, Manusmṛti, and Mahābhāratam.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	History of Dharmaśāstra (Definition of Dharmaśāstra, chronology and sources of Dharmaśāstra, general introduction of main Smṛitis, historical over view of various Sūtras, Smṛitis and commentaries, importance of Dharmaśāstra etc.)	
UNIT-II	Yājñavalkyaśmhitā – Ācārādhyāya	
UNIT-III	Manusmṛti (Chapter II)	
UNIT-IV	Āpaddharmaparva - Mahābhāratam – Śāntiparva (Chapter 131-152)	
Suggested Readings: P. B. Kane – History of Dharmashastra M. R. Kale/ S. Roy/ Ashok Kr Bandyopadhyay – History of Sanskrit Literature - Manabendu Bndyopadhyay - Manusmṛti - Annadashankar Pahadi – Manusamhita (Ch. II) - Gangadhar Roy - Yājñavalkyaśmhitā - Mahābhāratam – Śāntiparva - Gita Press - Mahābhāratam – Śāntiparva (Text with Eng. Translation) – Parimal Publication		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		

Programme/Class Degree: BA with Honours	Year: FOURTH	Semester: VIII
Subject: Sanskrit (Minor) -VIII		
Course Code: SK801M	Course Title: Manuscriptology, Computational Linguistics, Translation and Composition	
Course Objective	- To provide an understanding of the manuscript tradition of India. - To develop an understanding of computational linguistics for Sanskrit. - To develop the ability to translate and compose text in simple Sanskrit.	
Course Outcome	By the end of this course, students will be able to: - Understand the manuscript tradition of India. - Explain the key points of Computational Linguistics. - Translate the Sanskrit passage into other languages and vice versa. - Compose thematic dialogue in conversational Sanskrit.	
Credits:	4 Credits	
Max. Marks:100	Min. Passing Marks: 40	
Unit	Topics	
UNIT-I	Basics of Manuscriptology: General introduction to the manuscript tradition of India, the study of manuscripts, and the preparation of a critical edition, etc.	
UNIT-II	Basics of Computational Linguistics: General introduction of Computational linguistics for the Sanskrit language, Natural Language Processing, Machine Translation, Role of Aṣṭādhyāyī in NLP, Multi-media tools for the Sanskrit Language	
UNIT-III	Translation: Unseen translation from English/Mother language to Sanskrit, and from Sanskrit to English/Mother language	
UNIT-IV	Composition: Dialogue writing in conversational Sanskrit. Acquaintance with Sanskrit equivalents as aid to conversational Sanskrit.	
Suggested Readings: 1. Subuddhi Charan Goswami – संस्कृत पुथिविद्या– तत्त्व ओ प्रयोग 2. Dr. Anika Mukhopadhyaya - पुँथिपार्ठ ओ सम्पादना 3. Harekrishna Acharjee – पुँथिसम्पादना एवंग त्रिपुरार पुँथि प्रसङ्ग 4. Dr. Ratna Basu & Dr Karunasindhu Das - पुँथिविद्यार दिग् दर्शन 5. R. S. Shivaganesha Murthy – Introduction to Munuscriptology 6. Dr. Kalpana Haldar – पाण्डुलिपि पठन सहायिका 7. Dr. Manabendu Sarkar – Computer Awareness and Computational Sanskrit 8. Akshar Bharati, Vineet Chaitanya & Rajeev Sangal -Natural Language Processing: A Paninian Perspective 9. Venkatakrishnan, B. V. Sastry -Sanskrit – Computer: A revisit in 2020 10. M. R. Kale – Higher Sanskrit Grammar 11. Janaki Nath Shastri – Helps to the Study of Sanskrit 12. Iswar Ch. Vidyasagar – Samagravyakaranakaumudi 13. Acharya C. – संस्कृत निबन्ध मञ्जुषा 14. Acharya Ram Shastri - संस्कृत शिक्षण सरणी 15. M. R. Kale – Higher Sanskrit Grammar 16. Viswaranjan Panda – संस्कृत व्याकरण ओ अनुवाद-शिक्षा 17. Chakradhar Nautiyal – बृहद्-अनुवाद-चन्द्रिका		
Teachers are free to recommend any relevant books, articles, or e-resources if needed.		