

Vidyasagar University

Curriculum for B.A. (Honours) in Sanskrit [Choice Based Credit System]

Semester-V

Course	Course Code	Name of the Subjects	Course Type/ Nature	Teaching Scheme in hour per week			Credit	Marks
				L	T	P		
CC- 11		C11T: Vedic Literature	Core Course - 11	5	1	0	6	75
CC- 12		C12T: Sanskrit Grammar	Core Course - 12	5	1	0	6	75
DSE-1		TBD	Discipline Specific Electives -1	5	1	0	6	75
DSE-2		TBD	Discipline Specific Electives -2	5	1	0	6	75
Semester Total							24	300

L= Lecture, T= Tutorial, P = Practical, CC - Core Course, TBD - To be decided, DSE: Discipline Specific Elective.

Semester-V

List of Core Course (CC)

CC-11: Vedic Literature

CC-12: Sanskrit Grammar

Discipline Specific Electives (DSE)

DSE-1A: Indian System of Logic and Debate

Or

DSE-1B: Art of Balanced Living

DSE-2A: Theatre and Dramaturgy in Sanskrit

Or

DSE-2B: Tools and Techniques for Computing Sanskrit Language

Semester: V

Core Courses

CC-11: Vedic Literature

Credits 06

C11T: Vedic Literature

Course Contents:

Prescribed Course:

Section 'A'	<i>Samhitā and Brāhmaṇa</i>
Section 'B'	Vedic Grammar
Section 'C'	Muṇḍakopaniṣad

Unit-Wise Division:

Section 'A'

Samhitā and Brāhmaṇa

Unit: I	<i>R̥gveda</i> - Agni- 1.1, Uṣas- 3.61, Akṣa Sūkta 10.34, Hiranyagarbha- 10.121
Unit: II	<i>Yajurveda</i> - Śivasamkalpa Sūkta- 34.1-6
Unit: III	<i>Atharvaveda</i> - Sāmmanasyam- 3.30, Bhūmi- 12.1-12

Section 'B'

Vedic Grammar

Unit: I	Declensions (<i>śabdarūpa</i>), Subjunctive Mood (<i>let</i>), Gerunds (<i>ktvārthaka</i> , <i>Tumarthaka</i>), Vedic Accent and Padapāṭha.
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(*Muṇḍakopaniṣad*)

Unit: I *Muṇḍakopaniṣad* - 1.1 to 2.1

Unit: II *Muṇḍakopaniṣad* - 2.2 to 3.2

Recommended Books/Readings:

1. ऋग्वेदसंहिता (सायणाचार्यकृत भाष्य एवं हिन्दी व्याख्या सहित), (संस्करण) रामगोविन्द त्रिवेदी, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली.
2. *Atharvaveda* (Śaunakīya): (Ed.) Vishva Bandhu, VVRI, Hoshiarpur, 1960.
3. शुक्लयजुर्वेदसंहिता, (पदपाठ, उव्वट—महीधर भाष्य संवलित दृढत्वबोधिनी 'हिन्दी व्याख्या सहित), (संस्करण) रामकृष्ण शास्त्री, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली.
4. *Śatapatha Brāhmaṇa*, (Ed.) Ganga Prasad Upadhyaya, SLBSRS Vidyapeeth, Delhi.
5. *Śuklayajurveda-Samhitā*, (Vājasaneyi-Mādhyandina), (Ed.) Jagadish Lal Shastri, MLBD, Delhi, 1978.
6. मुण्डकोपनिषद् (शाङ्कभाष्य), (संस्करण) जिया लाल काम्बोज, ईस्टर्न बुक लिंकर्स, दिल्ली.
7. शशि तिवारी, विधानिधि प्रकाशन, दिल्ली
8. वैदिक संग्रह, कृष्णलाल, ईस्टर्न बुक लिंकर्स, दिल्ली.
9. *Rksūktāvalī*, H.D. Velankar, Vaidika Sanshodhana Mandala, Pune, 1965.
10. *Rksūktavaijayantī*, H.D. Velankar, Bharatiya Vidya Bhavan, Bombay, 1972.
11. ऋक्सूक्तनिकरः, उमाशंकर शर्मा ऋषि, चौखम्बा ओरियंटलिया, वाराणसी.

CC-12: Sanskrit Grammar

Credits 06

C12T: Sanskrit Grammar

Course Contents:

Prescribed Course:

- Section 'A' Laghusiddhāntakaumudī : Saṃjñā prakaraṇa
Section 'B' Laghusiddhāntakaumudī : Sandhi prakaraṇa
Section 'C' Laghusiddhāntakaumudī : Vibhakti prakaraṇa

Unit-Wise Division:

Section 'A'

Laghusiddhantakaumudi: Saṃjñā Prakaraṇa

Unit: I *Samjñā Prakaraṇa*

Section 'B'

Laghusiddhantakaumudi: Sandhi Prakaraṇa

- Unit: I ac sandhi:
yaṅ, guṇa, dīrgha, ayādi, vṛddhi and pūrvarūpa.
Unit: II hal sandhi:
ścutva, śtutva, anunāsikatva, chhatva and jaśtva
Unit: III visarga sandhi:
utva, lopa, sarva and rutva

Section 'C'

Laghusiddhāntakaumudī: Vibhaktiyartha Prakaraṇa

Unit: I Vibhaktiyartha Prakaraṇa

Recommended Books

1. धरानन्द शास्त्री, लघुसिद्धान्तकौमुदी, मूल एवं हिन्दी व्याख्या, दिल्ली ।
2. भीमसेन शास्त्री, लघुसिद्धान्तकौमुदी भैमी व्याख्या (भाग-1), भैमी प्रकाशन, दिल्ली ।
3. चारुदेव शास्त्री, व्याकरण चन्द्रोदय (भाग-1,2 एवं 3), मोतीलाल बनारसीदास, दिल्ली ।
4. सत्यपाल सिंह (संपा.), लघुसिद्धान्तकौमुदी: प्रकाशिका नाम्नी हिन्दी व्याख्या सहिता, शिवालिक पब्लिकेशन, दिल्ली, 2014 ।
5. V.S. Apte, The Students' Guide to Sanskrit Composition, Chowkhamba Sanskrit Series, Varanasi (Hindi Translation also available).
6. M.R. Kale, Higher Sanskrit Grammar, MLBD, Delhi (Hindi Translation also available).
7. Kanshiram, Laghusiddhāntakaumudī (Vol. I), MLBD, Delhi, 2009.
8. Online Tools for Sanskrit Grammar developed by Computational Linguistics Group, Department of Sanskrit, University of Delhi: <http://sanskrit.du.ac.in>.

Discipline Specific Electives (DSE)

DSE-1A: Indian System of Logic and Debate

Credits 06

DSE1AT: Indian System of Logic and Debate

Course Contents:

Indian System of Logic and Debate

Prescribed Course:

Section 'A' Fundamentals of Science of Debate

Section 'B' Syllogistic Logic

Section 'C' Theory of Debate

Unit-Wise Division:

Section 'A' Fundamentals of Science of Debate

Unit: I

Science of inquiry (*ānvīkṣikī*) & its importance, Growth of *ānvīkṣikī* into art of debate, The council of debate (*parīṣad*) & its kinds, Discussant (*vādī*), Opponent (*prativādī*), Judge (*madhyastha/prāśnika*).

Unit: II

The Method of debate (*sambhāṣāvidhi/vādavidhi*) & its utility, Types of debate - congenial debate (*amuloma sambhāṣā*) & hostile debate (*viḡrhya sambhāṣā*), The expedience of debate (*vādopāya*), The limits of debate (*vādamaryādā*).

Note : The definitions and concepts are to be taken only from the *Nyāyasūtra*, *Nyāyakośa* by Bhimacharya Jhalkikar and *A History of Indian Logic* by S. C. Vidyabhushan, Chapter III of

Section I. The illustrations are to be taken from the *Pratīyāgama* and philosophical

Section 'B' Syllogistic Logic

Unit: I

Inference (*anumāna*) & its key terms, viz. major term or probandum (*sādhyā*), middle term or probans (*hetu*), minor term (*pakṣa*), illustration (*sapakṣa*), contrary-illustration (*vipakṣa*), basic understanding of invariable concomitance (*vyāpti*) & its types, establishing *vyāpti* by inductive method, Five components of argument (*pañcāvayava*) – proposition (*pratijñā*), reason (*hetu*), example (*udāharaṇa*), application (*upanaya*) & conclusion (*nigamana*), the *hetu* term – its nature

and requirement, demonstration of pervasion – *upādhi and tark*, nature and variety of *tark*.

Note : The definitions and concepts are to be taken only from the *Tarkasamgraha* and *The Nyāya Theory of Knowledge* by S. C. Chatterjee, Chapters XI-XIV.

Section 'C' Theory of Debate

Unit: I

Basic understanding of the following terms: Example (*drṣṭānta*), Tenet (*siddhānta*), Ascertainment (*nirṇaya*), Dialouge (*kathā*) and its kinds, Discussion (*vāda*), Wrangling (*jalpa*), Cavil (*vitandā*).

Unit: II

Quibble (*chala*) & its kinds; Analogue (*jāti*) and its important kinds (only first four, i.e. *sādharmyasama*, *vaidharmyasama*, *utkarṣasama* & *apakarṣasama*); Point of defeat (*nigrahassthāna*) & its kinds – Hurting the proposition (*pratijñāhāni*), Shifting of proposition (*pratijñāntara*), Opposing the proposition (*pratijñāvirodha*), Renouncing the proposition (*pratijñāsannyāsa*), Admission of an opinion (*matānujñā*).

Note : The definitions and concepts are to be taken only from the *Nyāyasūtra*, *Nyāyakośa* by Bhimacharya Jhalkikar and *A History of Indian Logic* by S. C. Vidyabhushan, Chapter II of

Section

II. The illustrations and examples must be taken from day to day life and philosophical examples must be abandoned.

Recommended Books/Readings:

1. Vidyabhushan, Satish Chandra, *A History of Indian Logic*, MLBD, Delhi, 1962. (Chapter III of Section I & Chapter II of Section II only)
2. Potter, Karl H., *Encyclopedia of Indian Philosophies*, Vol. II, Motilal Banarsidass, Delhi, 1977.
3. Jhalkikar, Bhimacharya, *Nyāyakośah*, Bhandarkar Oriental Research Institute, Poona, 1997 (reprint of fourth edition)
4. Athalye & Bodas, *Tarkasaṅgraha*, Mumbai, 1920. (only introduction & exposition of *anumāna*)
5. Shastri, Kuppuswami, *A Primer of Indian Logic*, Madras, 1951 (only introduction & exposition of *anumāna*).
6. *Tarkasaṅgraha* of Annambhaṭṭa (with Dipika), (Ed. & Tr. in Hindi), Kanshiram & Sandhya Rathore, MLBD, Delhi 2007.
7. Bagchi, S. S. – *Inductive Logic : A Critical Study of Tarka & Its Role in Indian Logic*, Darbhanga, 1951.
8. Chatterjee, S. C. & D. M. Datta - *Introduction to Indian Philosophy*, Calcutta University, Calcutta, 1968 (Hindi Translation also)
9. Chatterjee, S. C. – *The Nyāya Theory of Knowledge*, Calcutta, 1968.
10. Hiriyanna, M. - *Outline of Indian Philosophy*, London, 1956 (also Hindi Translation).
11. Jha, Harimohan – *Bhāratīya Darśana Paricaya*, Vol. I (Nyāya Darśana), Darbhanga.
12. Matilal, B. K. – *The Character of Logic in India*, Oxford, 1998.
13. Radhakrishnan, S. - *Indian Philosophy*, Oxford University Press, Delhi, 1990.

OR

DSE-1B: Art of Balanced Living

Credits 06

DSE1BT: Art of Balanced Living

Course Contents:

Prescribed Course:	Total
Section 'A' Self-presentation	
Section 'B' Concentration	
Section 'C' Refinement of Behaviour	

Unit-Wise Division:

Section 'A'
Self-presentation

Unit: I
Method of Self-presentation : Hearing (*śravaṇa*),
Reflection (*manana*) & meditation (*nididhyāsana*)
(Bṛhadāraṇyakopaniṣad, 2.4.5)

Section 'B'
Concentration

Unit: I
Concept of Yoga : (*Yogasūtra*, 1.2)
Restriction of fluctuations by practice (*abhyāsa*)
and passionlessness (*vairāgya*) : (*Yogasūtra*, 1.12-16)
Eight aids to Yoga (*aṣṭāṅgayoga*) : (*Yogasūtra*,
2.29, 30,32, 46, 49, 50; 3.1-4).
Yoga of action (*kriyāyoga*) : (*Yogasūtra*, 2.1)
Four distinct means of mental purity
(*cittaprasādana*) leading to oneness : (*Yogasūtra*,
1.33)

Section 'C'
Refinement of Behavior

Unit: I
Methods of Improving Behavior : *jñāna-yoga*,
dhyāna-yoga, *karma-yoga* and *bhakti-yoga*
(especially *karma-yoga*)

Karma : A natural impulse, essentials for life
journey, co-ordination of the world, an ideal
duty and a metaphysical dictate (*Gītā*, 3.5, 8,
10-16, 20 & 21)

DSE-2A: Theatre and Dramaturgy in Sanskrit

Credits 06

DSE2AT: Theatre and Dramaturgy in Sanskrit

Course Contents:

Prescribed Course:

- Section 'A' Theatre: Types and Constructions
- Section 'B' Drama : *vastu* (subject-matter), *netā* (Hero) and *rasa*
- Section 'C' Tradition and History of Indian Theatre

Unit-Wise Division:

Section 'A'
Theatre: Types and Construction

Unit: I

Types of theatre: *vikṛṣṭa* (oblong), *caturasra* (square), *tryasra* (triangular), *jyeṣṭha* (big), *madhyama* (medium), *avara* (small). *bhūmiśodhana* (Examining the land) and *māpa* (measurement of the site), *mattavāraṇī* (raising of pillars), *raṅgapīṭha* and *rangaśīrṣa* (stage), *dārukarma* (wood-work), *nepathya-grha* (greenhouse), *prekṣkopaveśa* (audience-hall), Doors for entrance & exit.

Section 'B'

Drama - *vastu* (subject-matter), *netā* (hero) and *rasa*

Unit: I

Definition of drama and its various names - *drśya*, *rūpa*, *rūpaka*, *abhineya*; abhinaya and its types: *āṅgika* (gestures), *vācika* (oral), *sāttvika* (representation of the sattva), *āhārya* (dresses and make-up).

Vastu: (subject-matter) : *ādhikārika* (principal), *prāsāṅgika* (subsidiary), Five kinds of *arthaprakṛti*, *kāryāvasthā* (stages of the action of actor) and *sandhi* (segments), *arthopakṣepaka* (interludes),

kinds of dialogue: 1. *sarvaśrāvya* or *prakāśa* (aloud)
2. *aśrāvya* or *svagata* (aside) 3. *niyataśrāvya* : *janāntika* (personal address), *apavārīta* (confidence) 4. *ākāśabhāṣita* (conversation with imaginary person).

Unit: II

Netā: Four kinds of heroes, Three kinds of heroines, *sūtradhāra* (stage manager), *pāripāśvika* (assistant of sūtradhāra), *vidūṣaka* (jester), *kañcukī* (chamberlain), *pratināyaka* (villain).

Unit: III

Rasa: definition and constituents, ingredients of *rasa-niṣpatti*: - *bhāva* (emotions), *vibhāva* (determinant), *anubhāva* (consequent), *sāttvikabhāva* (involuntary state), *sthāyibhāva* (permanent states), *vyabhicāribhāva* (complementary psychological states), *svāda* (pleasure), Four kinds of mental levels : *vikāsa* (cheerfulness), *vistāra* (exaltation), *kṣobha* (agitation), *vikṣepa* (perturbation).

Section 'C'

Tradition and History of Indian Theatre

Unit: I

Origin and development of stage in different ages: pre-historic, Vedic age, epic-puranic age, court theatre, temple theatre, open theatre, modern theatre: folk theatre, commercial theatre, national and state level theatre.

Recommended Books/Readings:

1. Ghosh, M.M. - *Nāṭyaśāstra of Bharatamuni*, pp. 18-32.
2. झा सीताराम, (1982) नाटक और रंगमंच, बिहार राष्ट्रभाषा परिषद् पटना, पृ. 171-175.
3. Hass, *The Daśarūpa: A Treatise on Hindu Dramaturgy*, kārika 7,8,11, 24,30,36,43,48,57-65.
4. Hass, *The Daśarūpa: A Treatise on Hindu Dramaturgy*, kārikās 2/1-5,8,9,15.
5. Hass, *The Daśarūpa: A Treatise on Hindu Dramaturgy*, kārikās 4/1-8,43,44.

6. द्विवेदी, हजारी प्रसाद — नाट्यशास्त्र की भारतीय परंपरा और दशरूपक.
7. Farley P.Richmond, (2007),ed. *Indian Theatre: traditions of performance*, vol-I, Origins of Sanskrit Theatre, pp. 25-32.
8. ज्ञा सीताराम, (1982) नाटक और रंगमंच, पृ. 161—211.
9. Farley P.Richmond, (ed) *Indian Theatre: traditions of performance* vol-I Delhi, MLBD. 2007, pp. 25-32.
10. Ghosh , M.M, *Nāṭyaśāstra of Bharatamuni*, vol-1, Manisha Granthalaya, Calcutta, 1967.
11. Hass, *The Daśarūpaka : A Treatise on Hindu Dramaturgy*, Columbia University, NewYork , 1912.
12. नागर, रविशंकर, नाट्यशास्त्र, अभिनवभारती टीका सहित, परिमल पब्लिकेशन दिल्ली.
13. द्विवेदी, हजारी प्रसाद, नाट्यशास्त्र की भारतीय परंपरा और दशरूपक, राजकमल प्रकाशन दिल्ली, 1963.
14. त्रिपाठी, राधावल्लभ — भारतीय नाट्यशास्त्र की परम्परा और विश्व रंगमंच, प्रतिभा प्रकाशन, दिल्ली, 1999.
15. त्रिपाठी, राधावल्लभ (सं०) संक्षिप्तनाट्यशास्त्र, वाणीप्रकाशन, दिल्ली, 2008.
16. ज्ञा, सीताराम, नाटक और रंगमंच, बिहार राष्ट्रभाषा परिषद्, पटना, 1981.
17. मिश्र, भारतेन्दु, भरतकालीन कलाएँ, प्रतिभा प्रकाशन, दिल्ली, 2004.
18. त्रिपाठी, राधावल्लभ, भारतीय नाट्यः स्वरूप और परंपरा, हरिसिंह गौर विश्वविद्यालय, सागर, 1988.
19. गैरोला, वाचस्पति — भारतीय नाट्यपरम्परा और अभिनयदर्पण, इलाहाबाद, 1967.

OR

DSE-2B: Tools and Techniques for Computing Sanskrit Language

Credits 06

DSE2BT: Tools and Techniques for Computing Sanskrit Language

Course Contents:

Prescribed Course:

Section 'A' Sanskrit and Language Computing

Section 'B' Language Computing Methodology and Survey

Unit-Wise Division:

Section 'A'

Sanskrit and Language Computing

- Unit: I** Sanskrit Phonology, Sanskrit Morphology, Syntax
Semantics, Lexicon, Corpora
- Unit: II** Introduction, Objective, Tools, Techniques, Methodology Sanskrit Language Resources and Tools.

Section 'B'

Language Computing Methodology and Survey

- Unit: I** Rule Base, Statistical and Hybrid
- Unit: II** Language Computing Survey

Recommended Books/Readings:

- 1 Akshar Bharati, Vineet Chaitanya and Rajeeva Sanghal, Natural Language Processing: A Paninian Prospective, Prentice Hall of India, New Delhi, 1995.
- 2 Jha, Girish Nath, Morphology of Sanskrit Case Affixes: A Computational Analysis, M.Phil Dissertation, Centre of English and Linguistics, School of Language, Literature and Culture Studies, JNU, 1993.
- 3 Subhash Chandra, Computer Processing of Sanskrit Nominal Inflections: Methods and Implementation, Cambridge Scholars Publishing, (GBP) 2011.

- 4 Girish Nath Jha, Madhav Gopal, Diwakar Mishra, Annotating Sanskrit Corpus: Adapting IL-POSTS, Human Language Technology. Challenges for Computer Science and Linguistics Lecture Notes in Computer Science Volume 6562, 2011, pp 371-379.
- 5 Teachers Notes and Handout.
- 6 E-contents suggested by teachers.
- 7 Various Materials from Internet
- 8 Daniel Jurafsky and James H. Martin, Speech and Language Processing, Prentice Hall; 2008
- 9 Tools developed by Computational Linguistics Group, Department of Sanskrit, University of Delhi, Delhi-110007 available at: <http://sanskrit.du.ac.in>