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

CC-11: Vedic Literature   Credits 06

C11T: Vedic Literature

Course Contents:

Prescribed Course:

Section 'A'   *Saṁhitā* and *Brāhmaṇa*

Section 'B'   Vedic Grammar

Section 'C'   Muṇḍakopaniṣad

Unit-Wise Division:

Section 'A'

Saṁhitā and *Brāhmaṇa*

Unit: I   *Ṛgveda*- Agni- 1.1, Uṣas- 3.61, Akṣa Sūkta 10.34, Hiraṇyagarbha- 10.121

Unit: II   *Yajurveda*- Śivasaṁkalpa Sūkta- 34.1-6

Unit: III   *Atharvaveda*- Sāmmanasyam- 3.30, Bhūmi- 12.1-12

Section 'B'

Vedic Grammar

Unit: I   Declensions (*śabdarūpa*), Subjunctive Mood (*leṭ*), Gerunds (*ktvārthaka, Tumarthaka*), Vedic Accent and Padapāṭha.

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(*Muṇḍakopaniṣad*)

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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, Hoshiharpur, 1960.

3. शुक्लयजुर्वेदसंहिता, (पदपाठ, उव्वट—महीधर भाष्य संवलित टृतत्त्वबोधिनी 'हिन्दी व्याख्या सहित), (संस्करण) रामकृष्ण शास्त्री, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली.

4. *Śatapatha Brāhmaṇa* , (Ed.) Ganga Prasad Upadhyaya, SLBSRS Vidyapeeth, Delhi.

5. *Śuklayajurveda-Saṁhitā*, (Vājasaneyi-Mādhyandina), (Ed.) Jagadish Lal Shastri, MLBD, Delhi, 1978.

6. मुण्डकोपनिषद् (शाङ्क्रभाष्य), (संस्करण) जिया लाल काम्बोज, ईस्टर्न बुक लिंकर्स, दिल्ली.

7. शशि तिवारी, विघानिधि प्रकाशन, दिल्ली

8. वैदिक संग्रह, कृष्णलाल, ईस्टर्न बुक लिंकर्स, दिल्ली.

9. *Ṛksūktāvalī*, H.D. Velankar, Vaidika Sanshodhana Mandala, Pune, 1965.

10. *Ṛksūktavaijayantī*, H.D. Velankar, Bharatiya Vidya Bhavan, Bombay, 1972.

11. ऋक्सूक्तनिकरः , उमाशंकर शर्मा ऋषि, चौखम्बा ओरियण्टालिया, 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 Prakaraṅa

Unit: I   *Samjñā Prakaraṇa*

Section 'B'
Laghusiddhantakaumudi: Sandhi Prakaraṇa

Unit: I   ac sandhi:
yaṇ, guṇa, dīrgha, ayādi, vṛddhi and *pūrvarūpa.*

Unit: II   hal sandhi:
ścutva, ṣṭutva, anunāsikatva, chhatva and *jaśtva*

Unit: III   visarga sandhi:
utva, lopa, satva and *rutva*

Section 'C'
Laghusiddhāntakaumudī: Vibhaktyartha Prakaraṇa

Unit: I   Vibhaktyartha 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.

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 (*pariṣad*) & its kinds, Discussant (*vādī*), Opponent (*prativādī*), Judge (*madhyastha/prāśnika*).

Unit: II The Method of debate (*sambhāṣāvidhi/vādavidhi*) & its utility, Types of debate - congenial debate (*anuloma sambhāṣā*) & hostile debate (*vigṛhya 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 and examples must be taken from day to day life and while

Section 'B'
Syllogistic Logic

Unit: I

Inference (*anumāna*) & its key terms, viz. major term or probandum (*sādhya*), 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 *Tarkasaṁgraha* and *The Nyāya Theory of Knowledge* by S. C. Chatterjee, Chapters X1-XIV.

Section 'C'
Theory of Debate

Unit: I

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

Unit: II

Quibble (*chala*) & its kinds; Analogue (*jāti*) and its important kinds (only first four, i.e. *sādharmyasama, vaidharmyasama, utkarṣasama & apakarṣasama*); Point of defeat (*nigrahasthāna*) & 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, *Nyāyakośaḥ*, 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. Tarkasaṁgraha of Annaṁbhaṭṭa (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: Tot?

        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

DSE2AT: Theatre and Dramaturgy in Sanskrit

Credits 06

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). *bhūmi-śodhana* (Examining the land) and *māpa* (measurement of the site), *mattavāraṇī* (raising of pillars), *raṅgapīṭha* and *raṅgaśīrṣa* (stage), *dārukarma* (wood–work), *nepathya-gṛha* (green-house), *prekṣopaveśa* (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 - *dṛśya, rūpa, rūpaka, abhineya;* abhinaya and its types: *āṅgika* (gestures), *vācika* (oral), *sāttvika* (representaion of the sattva), *āhārya* (dresses and make-up).

Vastu: (subject-matter) : *ādhikārika* (principal), *prāsaṅgika* (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), *apavārita* (confidence) 4. *ākāśabhāṣita* (conversation with imaginary person).

Unit: II
Netā: Four kinds of heroes, Three kinds of heroines, *sūtradhāra* (stage manager), *pāripārśvika* (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 पंरपरा और दशरूपक.

7. Farley P.Richmond, (2007),ed. *Indian Theatre: traditions of performance*, vol-I, Origins of Sanskrit Theatre, pp. 25-32.

8. झा 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 पंरपरा और दशरूपक, राजकमल प्रकाशन दिल्ली, *1963*.

14. त्रिपाठी, राधावल्लभ — भारतीय नाट्यशास्त्र की परम्परा और विश्व रंगमंच, प्रतिभा प्रकाशन, दिल्ली, *1999*.

15. त्रिपाठी, राधावल्लभ (सं*0)* संक्षिप्तनाट्यशास्त्र, वाणीप्रकाशन, दिल्ली, *2008*.

16. झा, 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 विश्वविघालय, 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 (CSP), 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